NORTH AND EAST
BOUNDARIES
T. 30 N.
R. 1 E.

JACOBS

4—671

FIELD NOTES

GENERAL LAND OFFICE.

No. 1385

No. 1385

FIELD NOTES
of the Survey of the

EAST AND NORTH BOUNDARIES
of
Township No. 30 North
Range No. 1 East

of the
PRINCIPAL BASE AND
MERIDIAN

in the
TERRITORY OF ARIZONA

As Surveyed By

FRANCIS B. JACOBS

U.S. Deputy Surveyor

Under His Contract No. 73
Dated June 13th 1900.

Survey Commenced Septe 26th 1900
Survey Completed October 4th 1900

Names and duties of Assistants

Alfred J McMillan Chainman
J William Donnelley Chainman
Harry H Thompson Axeman
Emery Miller Axeman
Edward Lepkien Flagman

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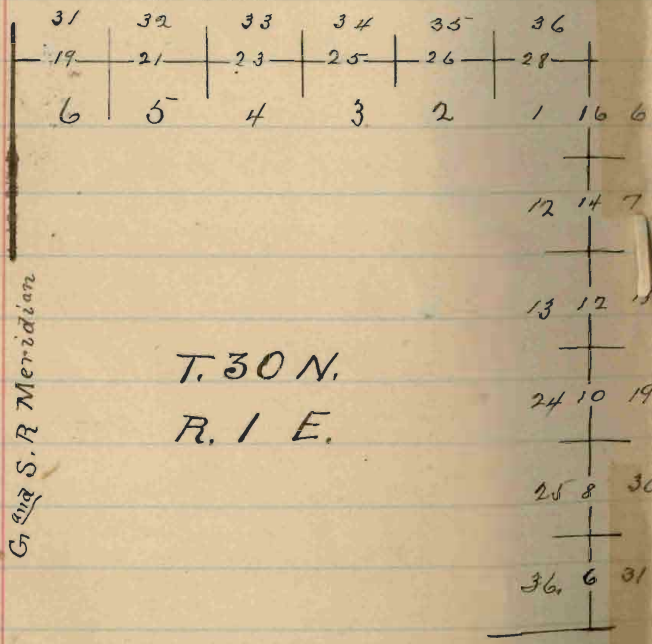

Survey commenced September 26th 1900. and executed with a W. and L.E. Gurley light mountain transit, with solar attachment, heretofore described

At my camp in sec. 11 T. 30 N. R. 6 lat. 35° 58' 31" N and longitude 112° 21' 36" W. I observe Polaris with the following results.

Ast. time of observation 1900.
Sept. 26th. 8h. 0m.
Ast. time U.C.
Polaris Oct. 1. 12h - 39m.9
Reduction to
Sept. 26. add 19.6
Ast. time U.C. 12 - 59.5
Sept 26. subtract 12 - 59.5
Hour angle of Polaris at obs. 4 - 59.0 E.

Azimuth of Polaris at observation 1°28' E.

~~September~~ 27th 1900:-

At. 6³⁰ a.m. I turn off the azimuth of Polaris. 1° 28' to the W. and mark the true meridian thus established by cutting a mark in a stone firmly set in the ground 5 chs. N. of my station.

I test. the solar apparatus on the meridian thus established and find the adjustments approximately correct.

September 27th: At 8h 0m a.m., l.m.t. I set off 35°05' on the lat. arc, and 1°35' S. on the decl. arc and determined a true meridian with the solar, at the cor. of Tps. 29 and 30 N. R's 1 and 2 E.

Thence I run.

N. bet. secs. 31 and 36.

5.20 Descend

11.50 Mouth of cañon course W.

12.80 W. point of ridge

14.00 Bottom of cañon course S. W. 175 ft. below cor.

19.00 Top of cañon wall.

21.50 Top of mesa.

22.75 Pine 2 ins. diam. on line marked with 2 notches on N. + S. sides.

29.00 Descend.

34.50 Bottom of cañon course S. W. 120 ft. deep.

39.00 Top of mesa

40.00 A pine 6 ins. diam for 1/4 sec. cor. I mark 1/4 S 36 on W. and S 31 on E faces. from which,

A pine 10 ins. diam. bears N. 37 1/4° E. 21 lks. dist. marked 1/4 S. 31 B.T.

A cedar 10 ins. diam. bears West 4 lks. dist. marked 1/4 S 36 B.T.

48.69 Cedar 24 ins. diam. on line. marked with 2 notches on N & S sides.

80.00 Set a limestone 18X10X6 ins 12 ins in the ground for cor. of secs. 20, 30 31, and 36, marked with 5 notches on N. and 1 notch on S. edges. from which

A pine 14 ins. diam. bears N 36° E. 46 lks dist marked T.30 N. R.2 E. S. 30 B.T.

A cedar 18 ins. diam. bears

S. 34¼° E. 36 lks. dist. marked
T. 30 N. R. 2 E. S. 31 B.T.
A pine 12 ins. diam. bears
S. 35° W. 76 lks. dist. marked
T. 30 N. R. 1 E. S. 36 B.T.
A cedar 10 ins. diam. bears
N. 66¾° W. 41 lks. dist. marked
T. 30 N. R. 1 E. S. 25 B.T.
Land mountainous.
Soil, 4th rate
Timber cedar and pine.
Heavily timbered 80 chs.

N. bet. secs 25 and 30.
40.00 Set a limestone 24x16x3 ins
18 ins. in the ground for ¼ sec.
cor. marked ¼ on W. face, from
which
A pine 10 ins. diam. bears
N. 23¼° E. 40 lks. dist. marked

1/4 S. 30 B.T.

A pine 10 ins. diam. bears

S 89 1/4° W. 59 lks. dist. marked

1/4 S 20 B.T.

63.04 A pine 12 ins. diam. on line marked

with 2 notches on N. and S. sides.

80.00 Set a sandstone 18 x 12 x 6 ins

12 ins. in the ground for cor. of

secs. 19, 24, 20 and 30, marked

with 4 notches on N. and 2

notches on S. edges, from which,

A cedar 20 ins. diam. bears

N. 21 1/4° E. 32 lks. dist. marked

T. 30 N. R. 2 E. S. 19 B.T.

A pine 12 ins. diam. bears

S 20 3/4° E. 46 lks. dist. marked

T. 30 N. R. 2 E. S. 30 B.T.

A pine 12 ins. diam. bears

S. 40° W. 48 lks. dist. marked

T. 30 N. R. 1 E. S. 20 B.T.

A pine 10 ins. diam. bears

N. 81¾° W. 30 lks. dist. marked
T. 30 N. R. 16 E. S. 24 B.T.
Land, rolling
Soil, 3rd and 4th rate
Timber, cedar and pine.
Heavily timbered 80 chs.

N. bet. secs. 19 and 24.
6.00 Leave heavy timber, bears N.E.
and S.W. enter brushy park.
35.50 Enter heavy timber, bears
N. 60° E. and S. 60° W.
40.00 Set a limestone 20 x 12 x 6 ins
15 ins. in the ground for 1/4 sec.
cor. marked 1/4 on W. face,
from which,
A pine 8 ins. diam. bears
N. 12¼° E. 20 lks. dist. marked
1/4 S. 19 B.T.
A pine 10 ins. diam. bears

S. 63½° W. 35 lks. dist. marked
¼ S. 24 B.T.

40.10 A pine 8 ins. diam. on line marked
with 2 notches on N. and S. sides.

80.00 Set a Sandstone 20X14X5 ins.
15 ins. in the ground for cor. of
secs 13, 18, 19 and 24, marked
with 3 notches on N and S.
edges, from which.

A pine 12 ins. diam. bears
N. 2¼° E. 40 lks. dist. marked
T. 30 N. R. 2 E. S. 18 B.T.

A pine 8 ins. diam. bears
S. 18¼° E. 47 lks. dist. marked
T. 30 N. R. 2 E. S. 19 B.T.

A pine 10 ins. diam. bears
S. 30½° W. 35 lks. dist. marked
T. 30 N. R. 1 E. S. 24 B.T.

A pine 16 ins. diam. bears
N. 63° W. 37 lks. dist. marked
T. 30 N. R. 1 E. S. 13 B.T.

Land rolling.

Soil, 2nd and 4th rate.

Timber, pine and cedar.

Heavily timbered 50.00 chs

Dense undergrowth 29.50 chs.

September 28, 1900.

N. bet secs. 13 and 18.

15.12 A pine 18 ins. diam on line.
marked with 2 notches on N. and S sides.

18.54 Moqui Trail bears S.E. and N.W.

19.36 A pine 16 ins. diam. on line.
marked with 2 notches on N. and S. sides.

21.30 Wagon road from End of Track to Cataract Cañon bears E and W.

40.00 Set a Sandstone 18 x 12 x 6 ins 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which,

A pine 16 ins. diam. bears N. 56 1/4° E. 41 lks. dist. marked

1/4 S 18 B.T.

A pine 12 ins. diam. bears
S 79° W. 60 lks. dist. marked
1/4 S. 13. B.T.

80.00 Set a limestone 18x10x6 ins.
12 ins. in the ground for cor. of secs.
7, 12, 13 and 18. marked with
2 notches on N. and 4 notches on
S. edges from which.

A pine 30 ins. diam. bears
N. 3 1/4° E 132 lks. dist. marked
T 30 N. R. 2 E. S. 7 B.T.

A pine 24 ins. diam. bears
S. 54 1/2° E. 113 lks. dist. marked
T. 30 N. R. 2 E. S. 18 B.T.

A pine 12 ins. diam. bears
S. 68 1/4° W. 65 lks. dist. marked
T. 30 N R. 1 E. S 13 B.T.

A pine 16 ins. diam. bears
N. 35° W. 70 lks. dist. marked

T. 30 N R. 1 E. S. 12 B.T.

Land rolling.

Soil 2nd and 3rd rate.

Timber cedar and pine.

Heavily timbered 80 chs.

N. bet. secs. 7 and 12.

10.00 Descend

14.60 Cañon, course N.W. 150 ft deep.

14.85 Base of perpendicular cliff 20 ft. high.

16.60 Top of cañon wall.

18.00 Top of mesa.

23.64 A pine 20 ins. diam. on line marked with 2 notches on N. and S. sides.

40.00 Set a limestone 24 x 12 x 4 ins 18 ins. in the ground for 1/4 sec cor. marked 1/4 on W. face from which,

A pine 12 ins. diam. bears

N. 21° E. 31 lks. dist. marked
1/4 S. 7 B.T.
A pine 10 ins. diam. bears
N 46½° W. 13 lks. dist. marked
1/4 S. 12 B.T.

42.00 Descend.

46.55 Cañon, course W. 150 ft. deep.

50.00 Top of cañon wall.

60.30 Descend.

68.50 Gulch, course W.

70.60 Top of mesa

75.50 Descent, very abrupt.

80.00 Set a sandstone 20X10X6 ins. 15 ins. in the ground for cor. of secs. 1, 6, 7 and 12 marked with 1 notch on N. and 5 notches on S. edges, and raise a mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable.

Land, mountainous
Soil, 4th rate.
Timber pine and cedar.
Heavily timbered & rocky.

N. bet secs 1 and 6.

.25 Bottom of cañon course N 75° W. 350 ft deep.

1.00 Road, follows cañon.
Ascend.

9.60 Top of cañon wall 350 ft. above cor.

10.70 Descend

14.00 Cañon. course W. 250 ft. deep.

18.40 Top of mesa.

40.00 Set a limestone 18x10x6 ins 12 ins. in the ground for 1/4 sec. cor marked 1/4 on W. face, from which,
A pine 14 ins. diam. bears

N. 84 3/4° E. 40 lks dist. marked
1/4. S. 6 B.T.
A pine 8 ins. diam. bears
S. 39 3/4° W. 33 lks. dist. marked
1/4 S, B.T.

40.26 A pine 14 ins. diam. on line.
marked with 2 notches on N. and S sides.

47.25 A pine 12 ins. diam. on line
marked with 2 notches on N. and S. sides.

48.66 A cedar 16 ins. diam. on line
marked with 2 notches on N and S sides.

51.13 A cedar 16 ins. diam. on line.
marked with 2 notches on N & S sides

62.21 A cedar 24 ins. diam. on line,
marked with 2 notches on N & S. sides

63.27 A cedar 20 ins. diam. on line
marked with 2 notches on N & S sides

63.57 A cedar 20 ins. diam. on line
marked with 2 notches on N & S sides.

80.00 Set a limestone 30 X 12 X 8 ins
22 ins. in the ground for cor,
of T ps. 30 and 31 N R. 1 and 2 E.
marked with 6 notches on
each edge, from which,
A pine 8 ins. diam. bears
N. 32 1/2° E. 28 lks. dist. marked
T. 31 N. R. 2 E. S. 31 B.T.

A pine 8 ins. diam. bears S. 3 1/4° E 07 lks. dist. marked T. 30 N. R. 2 E. S. 6 B.T.

A cedar 8 ins. diam. bears S. 69 1/4° W. 53 lks. dist. marked T. 30 N. R. 1 E. S. 1 B.T.

A cedar 12 ins. diam. bears N. 33 1/2° W. 87 lks. dist. marked T. 31 N. R. 1 E. S. 36 B.T.

Land mountainous

Soil 4th rate

Timber cedar and pine.

Heavily timbered 80 chs.

September 29 1900

October 1st 1900: At 8h 0m a.m. l.m.t. I set off 36° 0' N. on the lat. arc and 3° 8' S. on the decl. arc and determine a true meridian with the

solar at the cor. of Tps. 30 and 31 N. Rs. 1 and 2 E.

Thence I run

West on a random line along the N. bdy of T. 30 N. R. 1 E., setting temp 1/4 sec. and sec. cors. at intervals of 40.00 chs.; and at 479.20 chs intersect the Principal Meridian 70 lks. S. of the cor of Tps. 30 and 31 N Rs 1 E and 1 W. which is a limestone 6x12x5 ins above ground, firmly set marked and witnessed as described by the surveyor general.

The falling answers to a correction of 0° 5' or 12 lks N. per mile counting from the N.E. corner of the Tp. therefore I run Oct. 2, 1900.

S 89° 55' E bet secs. 6 and 31.

39.20 Set a limestone 20X10X6 ins 15 ins. in the ground for 1/4 sec cor marked 1/4 on N. face, from which,

A cedar 36 ins. diam. bears S. 16½° E. 47 lks. dist. marked 1/4 S.6 B.T.

A cedar 18 ins. diam. bears N. 61½° W. 119 lks. dist. marked 1/4 S.31 B.T.

79.25 Set a limestone 30X12X10 ins 22 ins in the ground for cor of secs. 5, 6, 31 and 32 marked with 5 notches on E and 1 notch on W. edges, from which

A pine 16 ins. diam. bears N. 53° E. 80 lks. dist. marked T.31 N. R.16 E. S.32 B.T.

A pine 12 ins. diam. bears

S 26 3/4° E. 70 lks dist. marked
T. 30 N. R. 1 E. S. 5 B.T.
A pine 16 ins. diam. bears
S. 56 1/2° W. 71 lks. dist. marked
T. 30 N. R. 1 E. S. 6 B.T.
A pine 12 ins. diam. bears N.
37 3/4° W. 127 lks. dist. marked
T. 31 N. R. 1 E. S. 31 B.T.
Land, rolling
Soil, 3rd rate
Timber, cedar and pine.
Heavily timbered 79.25 chs.

S 89° 55' E bet. secs. 5 and 32
9.66 Road from End of the Track to
Cataract cañon bears S. 70° E
and N. 70° W.
40.00 Set a sandstone 16 x 10 x 3 ins
10 ins in the ground for 1/4 sec.
cor, marked 1/4 on N. face from

which,

A pine 20 ins. diam. bears N. 37° E 5 lks. dist. marked 1/4 S. 32 B.T.

A pine 12 ins. diam. bears S. 25° W. 50 lks dist. marked 1/4 S. 5 B.T.

80.00 Set a limestone 16X10X8 ins 10 ins in the ground for cor. of secs 4, 5, 32 and 33 marked with 4 notches on E and 2 notches on W. edges, from which.

A cedar 18 ins. diam. bears N. 52° E. 26 lks. dist. marked T31 N R.1 E. S.33 B.T.

A pine 16 ins. diam. bears S. 23° E. 51 lks. dist. marked T.30 N. R.1 E. S.4 B.T.

A cedar 20 ins. diam. bears S. 23½° W. 22 lks. dist. marked

T. 30 N. R. 1 E. S. 5 B.T.

A pine 18 ins. diam bears N. 39° W. 48 lks dist. marked T. 31 N. R. 1 E. S. 32 B.T.

Land rolling.

Soil 2nd and 4th rate.

Timber, cedar and pine.

Heavily timbered 80 chs.

S. 89° 55' E. bet secs. 4 and 33.

40.00 Set a pine post 5 ins. diam for 1/4 sec. cor. marked 1/4 S 33 on N. and S. 4 on S faces, from which,

A cedar 6 ins. diam. bears N. 87° E. 154 lks. dist. marked 1/4 S. 33 B.T.

A cedar 12 ins. diam. bears S. 16 3/4° W. 302 lks. dist. marked 1/4 S 4 B.T.

80.00 Set a pine post 6 ins. sq. 3 ft long 24 ins in the ground for cor. of secs. 3, 4, 33 and 34. marked

T. 31 N., S 34 on N.E.

R. 1 E., S. 3 on S.E.

S. 4 on S.W., and with 3 notches on E and W edges

S. 33 on N.W. from which

A cedar 6 ins. diam. bears

S. 2½° W. 209 lks dist. marked

T 30 N. R 1 E S 4 B.T. – No more trees within limits.

Dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist; and raise a mound of earth W. of cor., 4 ft. base 2 ft. high,.

Land, rolling.

Soil 4th rate.

Timber, cedar and pine.

Heavily timbered 80 chs.

October 3rd 1900

S. 89°55' E. bet secs. 3 and 34.

40.00 Set a limestone 18x10x4 ins 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, from which,

A cedar 10 ins. diam. bears S. 12½° W. 3 lks. dist. marked 1/4 S.3 B.T.

A cedar 10 ins. diam. bears N. 82° W. 13 lks. dist. marked 1/4 S. 34 B.T.

80.00 Set a limestone 30x12x4 ins. 22 ins. in the ground for cor. of secs. 2, 3, 33 and 34. marked with 2 notches on E. and 4 notches on W. edges.

Dig pits 18x18x12 ins. in each sec. 5½ ft. distant.

and raise a mound of
earth 4 ft. base 2 ft high
N. of cor.
Land rolling.
Soil 4th rate
Timber cedar and pine
Heavily timbered 80 chs.

S. 89°55' E. bet secs. 2 and 35.
40.00 Set a limestone 24 X 12 X 4 ins
18 ins. in the ground for 1/4 sec.
cor. marked 1/4 on N. face, from
which
A cedar 20 ins. diam. bears
S. 34° E. 24 lks. dist. marked
1/4 S. 2 B.T.
A cedar 18 ins. diam. bears
N. 81° W. 21 lks. dist. marked
1/4 S. 35 B.T.
80.00 Set a limestone 24 X 18 X 6 ins

18 ins. in the ground for cor. of secs. 1, 2, 35 and 36. marked with 1 notch on E and 5 notches on W. edges, from which.

A cedar 16 ins. diam. bears N. 74° E. 49 lks dist. marked T. 31 N. R. 1 E. S. 36 B.T.

A pine 18 ins. diam. bears S. 40½° E. 12 lks dist. marked T. 30 N. R. 1 E. S. 1 B.T.

A pine 8 ins. diam. bears S. 86½° W 55 lks. dist. marked T. 30 N. R. 1 E. S. 2 B.T.

A cedar 16 ins diam bears N. 6° W. 16 lks. dist. marked T. 31 N. R. 1 E. S. 35 B.T.

Land rolling.

Soil, 3rd rate

Timber pine and cedar.

Heavily timbered 80 chs.

S. 89°55' E bet. secs. 1 and 36.

40.00 Set a limestone 20X8X6 ins 14 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face, from which,

A pine 10 ins. diam bears N. 69¼° E. 26 lks. dist. marked 1/4 S. 36 B.T.

A pine 16 ins. diam. bears S. 49¾° W. 50 lks. dist. marked 1/4 S. 1. B.T.

80.00 The cor. of Tps 30 and 31 N. Rs 1 and 2 E.

Land rolling.

Soil 3rd rate.

Timber pine and cedar.

Heavily timbered 80. chs.

Oct 4th 1900

Boundaries of T. 30 N. R. 16

Latitudes, departures and closing errors.

Line designated	True bearing	Distance	Latitudes N	Latitudes S	Departures E	Departures W
S. bdy.	N89°50'W	479.85	1.45			479.80
Meridian	North	480.00	480.00			
N. bdy	S89°55'E	479.25		.70	479.20	
E. bdy.	South	480.00		480.00		
Convergency.					.52	
Totals			481.45	480.70	479.72	479.80
			480.70			479.72
Error in lat.			.75	Error in dep.		.08

This township is covered with Pine and cedar timber. has no water.-
The land is gravelly and rocky

Francis B. Jacobs
U S Deputy Surveyor

APPROVAL. BOOK 1385 30

OFFICE OF UNITED STATES SURVEYOR GENERAL,

Tucson, Arizona, Mar 1st 1901.

The foregoing field notes of the survey of The North and East Boundaries of T. 30 N R. 1 E

Gila and Salt River Meridian, executed by Francis B. Jacobs. under his contract No. 73, dated 6/3 1900. having ~~EXAMINED~~ been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

George Christ

U. S. Surveyor General for Arizona.

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Preliminary Oaths of Assistants.

We, Alfred J. McMillan

and Mark T. Marsh

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; 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 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 Tps 29 and 30 N - Rs. 1 and 2 E Tp 31 N. R 1 E. and Secs 25-26-27-28-29-30-31-32-33-34-35 and 36 in Tp. 31 N R 2 E.

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

Alfred J. McMillan *Chainman.*

Mark T. Marsh *Chainman.*

Chainman.

Chainman.

sworn before me, this 11th

day of Aug. 1900

Francis B. Jacobs *Notary Public.*

My commission expires Mch 2nd 1904

[SEAL.]

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BOOK 1385

We, Edward Leppien J. William Donnelley and Fred First

do solemnly swear that we will well and truly perform the duties of Hayman and axemen respectively

in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the Subdivisions lines of Tps. 29 and 30 N. Rs. 1 and 2 E. Tp. 31 N. R. 1 E. and Secs. 25-26-27-28-29-30-31-32-33-34-35 and 36. Tp. 31 N. R. 2 E.

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

Edward Leppien Hayman
J. Williams Donnelley axeman
Fred First axeman

Subscribed and sworn to before me this 11th day of August 1900

Francis B. Jacobs
Notary Public.

My Commission expires Mch 2-1904

33

BOOK 1385

Preliminary Oaths of Assistants.

We, Alfred J. McMillan

and J. Williams Donnelley

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; 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 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 Tps 30 and 31 N R 1 E T 30 N. R 2 E. and Secs 25-26-27 28-29-30-31-32-33-34-35 and 36 T 31 N R 2 E

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

Alfred J. McMillan Chainman.

J. Williams Donnelley Chainman.

Chainman.

Chainman.

Subscribed and sworn before me, this 20 day of September 1900

Francis B. Jacobs Notary Public.

[SEAL.]

My Commission expires March 2d 1904

We Harry H. Thompson, Emery Miller and Edward Leppien do solemnly swear that we will well and truly perform the duties of Axmen and Flagman respectively in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the Subdivision lines of Tps 30 and 31 N R 1 E, T 30 N R 7 E, and secs 25-26-27-28-29-30-31-32-33-34 35 and 36 T 31 N R 7 E of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Emery Miller
Harry H. Thompson
Edward Leppien

Subscribed and sworn to before me this 20th day of September 1899

Francis B. Jacobs
Notary Public.

My Commission Expires March 2d 1904

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BOOK 1385

Preliminary Oaths of Assistants.

We, Alfred J. McMillan

and J. William Donnelley

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; 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 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 surve of the

E. and N bdy. of Tps 30 and 31 N R 1 E. The E bdy. of Tp. 30 N R. 2 E. and 7 miles of the E. bdy of T 31 N R 2 E

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

Alfred J. McMillan *Chainman.*

J. Williams Donnelley *Chainman.*

Chainman.

Chainman.

Subscribed and sworn before me, this 20

day of September 1900

Francis B. Jacobs

Notary Public.

My Commission Expires March 2d 1904

[SEAL.]

We, Emery Miller
Harry H. Thompson Edward Leppien
do solemnly swear that we will well and truly perform the duties of axeman and flagman respectively
in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the
E. and N. bdy of Tps 30 and 31 N. R. 1 E. the E bdy of T 30 N. R 2 E. and 2 miles of the E. bdy of T 31 N R 2 E
of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Emery Miller
Harry H. Thompson
Edward Leppien

Subscribed and sworn to before me this 20th day of September 1900

Francis B. Jacobs
Notary Public.

My commission expires March 2d 1904

List of Names. No. 1385

A List of the Names of the Individuals employed by Francis B Jacobs *U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing Field Notes of the survey of the* N and E. boundary of Tps 29-30 and 31 N R. 1 E, N. boundary of Tps 29 and 30 N R 2 E and 2 miles of the E boundary of Tps 31 N R 2 E *of the Gila and Salt River Base and Meridian, in the Territory of Arizona, showing the respective capacities in which they acted.*

Alfred J McMillan	*Chainman.*
J William Donnelly	*Chainman.*
	Chainman.
	Chainman.
Henry H Thompson	*Axeman.*
Emery Miller	*Axeman.*
Edward Lippin	*Flagman.*

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Final Oath of Assistants.

We hereby certify that we assisted Francis B Jacobs U. S. Deputy Surueyor, in surveying all those parts or portions of the Rand E boundary of Tps 29. 30 and 31 N. R. 1 E. N. boundary of Tps 29 and 30 N R 2 E and 2 Miles of the E boundary of T 31 N R 2 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.

Alfred J. McMillan Chainman.

J William Donnelley Chainman.

Chainman.

Chainman.

Harry C Thompson Axeman.

Emery Miller Axeman.

Edward LeBrian Flagman.

Sworn to and subscribed before me, this 7th day of January, 1901

Francis B Jacobs

Notary Public.

[SEAL.]

My commission expires Mch 7th 1904

Final Oath of U. S. Deputy Surveyor.

I, Francis B. Jacobs

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from ~~Royal A. Johnson~~ George Elliott, United States Surveyor-General for Arizona, bearing date of the 13th day of June 1900 ~~188~~, 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 N. and E. boundary of Tps. 29. 30. and 31. N. R. 1. E. N. boundary Tps. 29. 30. N. R. 2. E. and 2 Miles of the E. boundary of Tps. 31. N. R. 2. 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 me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific

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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.

Francis B. Jacobs

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 11th

day of January, 1901

M. C. Foster

Clerk Third Judicial
District Court of Arizona.

Final Oath of Assistants.

We hereby certify that we assisted Francis B Jacobs *U. S. Deputy Surveyor, in surveying all those parts or portions of the* Subdivision lines of Tps 29 30 and 31 N. R. 1 E. Tps 29 and 30 N R. 2 E. and Secs 75-76-77-78 79-30-31-32-33-34-35-and 36 Tp. 31 N R 2 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.

Alfred J. McMillan *Chainman.*

J Williams Donnelley *Chainman.*

Chainman.

Emery J. Hi *Axeman* ~~*Chainman.*~~

Axeman.

George H. Thorpe *Axeman.*

Edward Le Fiere *Flagman.*

Sworn to and subscribed before me, this 7th *day of* January, 1901

Francis B Jacobs *Notary Public.*

My Commission expires March 2d 1904

[SEAL.]

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List of Names.

A List of the Names of the Individuals employed by Francis J. Jacobs *U. S. 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 Tps. 29-30 and 31 N R. 1 E. Tps. 29 and 30 N-R. 2 E. and Secs 25. 26. 26-27. 28. 29 30. 31. 32. 33. 34-35. and 36 T. 31 N. R 2. E *of the Gila and Salt River Base and Meridian, in the Territory of Arizona, showing the respective capacities in which they acted.*

Alfred J McMillan *Chainman.*
J William Donnelley *Chainman.*
~~Henry McThompson~~ *Chainman.*
~~Emery Miller~~ *Chainman.*
Henry McThompson *Axeman.*
Emery Miller *Axeman.*
Edward Lipkin *Flagman.*

List of Names.

A List of the Names of the Individuals employed by Francis B. Jacobs *U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing Field Notes of the survey of the* N. and E. Bdy. of Tp. 29 N. Range 1 E. and the N. Bdy. of Tp. 29 N. Range 2 E.

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

Alfred J. McMillan	*Chainman.*
Mark Marsh	*Chainman.*
	Chainman.
	Chainman.
Fred Ferst	*Axeman.*
J. William Donnelly	*Axeman.*
Edward Leppien	*Flagman.*

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Final Oath of Assistants.

We hereby certify that we assisted F B Jacobs *U. S. Deputy Surueyor, in surveying all those parts or portions of the* N. and E. Boundary of Tp. 29 N R 1 E - and N. boundary Tp. 29 N-R, 2 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.

Alfred J McMillan *Chainman.*

Mark Marsh *Chainman.*

Chainman.

Chainman.

Fred Fuerst *Axeman.*

J Williams Donnelly *Axeman.*

Edward Leppin *Flagman.*

Sworn to and subscribed before me, this 27th *day of* September, 1900

Francis B Jacobs

Notary Public.

[SEAL.] My Commission expires March 7 1904

Final Oath of U. S. Deputy Surveyor.

I,.....

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from Royal A. Johnson, United States Surveyor-General for Arizona, bearing date of the.....day of

.....189...., 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.....

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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 surveys have been established and perpetuated in strict accordance with the Manual of printed 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.

.....

U. S. Deputy Surveyor.

Sworn to and subscribed before me this.....

day of....., 189....

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Final Oath of U. S. Deputy Surveyor.

I, Francis B. Jacobs

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from Royal A. Johnson, United States Surveyor-General for Arizona, bearing date of the 13th day of June 1900 ~~189~~, 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 Tps. 29. 30. 31. N. R. 1 E. Tps. 29. 30. N. R. 2. E. and Sec. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. Tp. 31 N. R. 2 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 me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific

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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.

Francis B. Jacobs

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 11th *day of* January, 1901

W. C. Foster

Clerk Third Judicial District Court of Arizona.

List of Names.

A List of the Names of the Individuals employed by Francis B. Jacobs *U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing Field Notes of the survey of the* Subdivisions of Tps. 29 North Ranges 1 and 2 East,

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

Alfred J. McMillan	*Chainman.*
Mard Marsh	*Chainman.*
	Chainman.
	Chainman.
Fred Ferst	*Axeman.*
J. William Donnelley	*Axeman.*
Edward Leppien	*Flagman.*

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Final Oath of Assistants.

We hereby certify that we assisted F B Jacobs *U. S. Deputy Surueyor, in surveying all those parts or portions of the* Subdivisions of Tps. 29 N Rs. 1 and 2 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.

Alfred J McMillan *Chainman.*

Mark Marsh *Chainman.*

Chainman.

Chainman.

Fred Frost *Axeman.*

J Williams Lonnelly *Axeman.*

Edward Lepsien *Flagman.*

Sworn to and subscribed before me, this 27th *day of* September, 1900

Francis B Jacobs
Notary Public.

[SEAL.] My commission expires March 22 1904

Final Oath of U. S. Deputy Surveyor.

I,.....

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from Royal A. Johnson, United States Surveyor-General for Arizona, bearing date of the.....day of

.....189...., 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.....

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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 surveys have been established and perpetuated in strict accordance with the Manual of printed 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.

.....

U. S. Deputy Surveyor.

Sworn to and subscribed before me this.....

day of....., 189....

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