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FEB 21 1910
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Accepted S.L.O. letter E.
Dec. 28-1910.

B. o. k O BOOK 2204

2204

FIELD NOTES

2204

2204

OF THE SURVEY OF THE

for
North and East Boundaries of
Township 24 South
Range 15 East

2204

Of the Gila and Salt River Base and Meridian,

Arizona

AS SURVEYED BY

Jacob Henry, United States Deputy Surveyor,
Under ~~his~~ ^{his} Contract No. *148*, dated *March*, 190*8*
Survey commenced *October 13*, 190*8*
Survey completed *October 17*, 190*8*

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NAMES AND DUTIES OF ASSISTANTS.

BOOK 2204

Jim C. Kellis	Chairman
Harvey A. Case	"
Thomas Jacobs	Messenger
Fred C. Roberts	Attendant

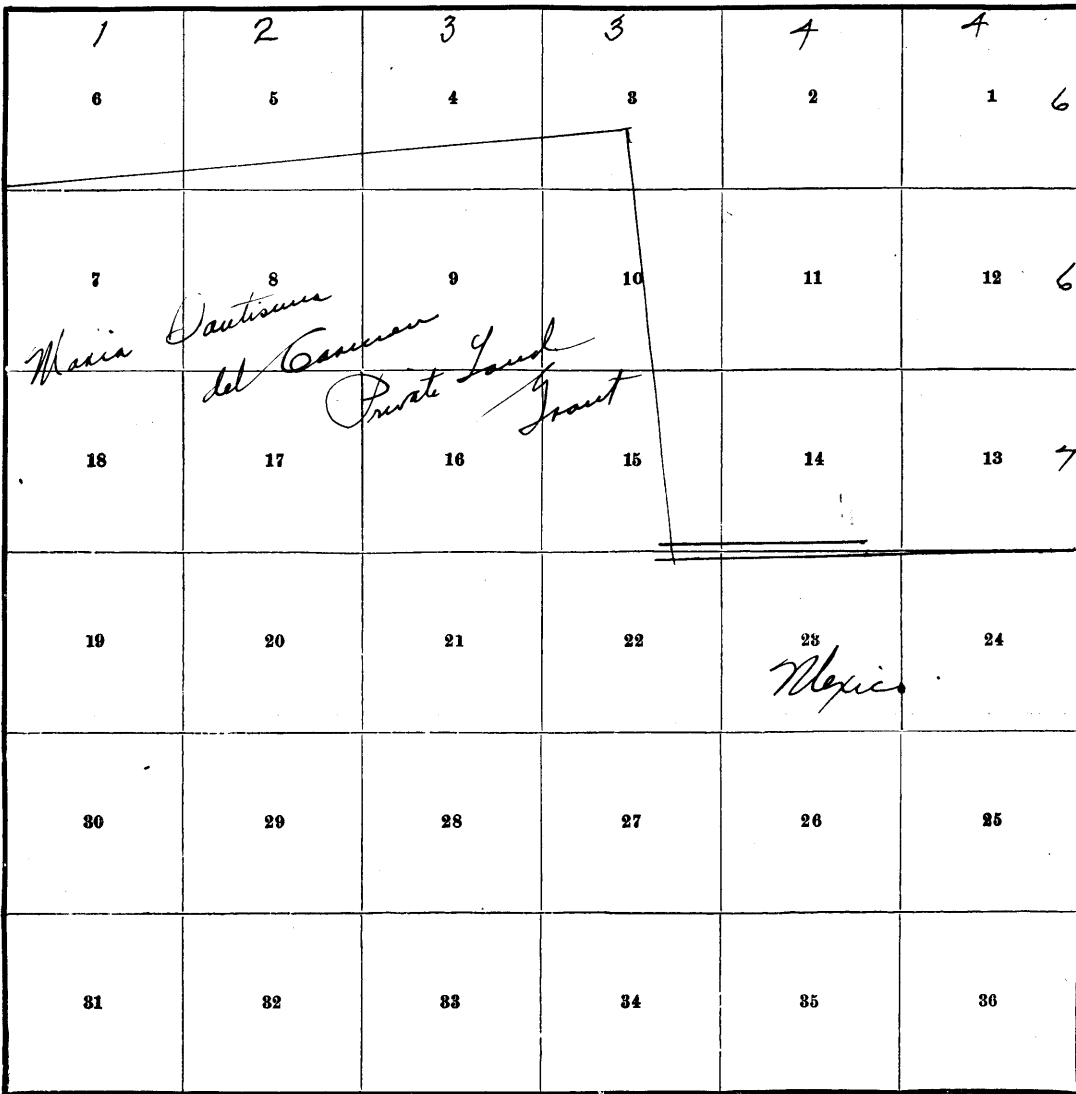
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BOOK 2204

INDEX DIAGRAM.

Township 24 S., Range 15 E



Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Jim A Kellis and Harvey A. Calk
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the North and East boundary of T. 24 S. R. 15 E.

Jim A. Kellis, Chainman.
Harvey A. Calk, Chainman.

Subscribed and sworn to before me this 12
day of October, 1908



Francis Jacobs
My commission expires September 20, 1911 Notary Public

WE, Thomas Jacobs 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 ~~our~~ ^{my} skill and ability, in the survey of the North and East boundary of T. 24 S. R. 15 E.

Thomas Jacobs, Moundman.
_____, Moundman.

Subscribed and sworn to before me this 12
day of October, 1908



Francis Jacobs
My commission expires September 20, 1911 Notary Public

WE, Fred C. Roberts 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 ~~our~~ ^{my} skill and ability, in the survey of the North and East boundary of T. 24 S. R. 15 E.

Fred C. Roberts, Axman.
_____, Axman.

Subscribed and sworn to before me this 12
day of October, 1908



Francis Jacobs
My commission expires September 20, 1911 Notary Public

I, _____, 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 _____
_____, Flagman.

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



North Boundary of T 24 S., R 15 E.

Chains.

Survey commenced October 13, 1908, and executed with a Gurley light mountain transit, with solar attachments. 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.

We 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 we proceed as follows

At our camp at the cor. of Tps. 23 and 24 S., Rgs. 14 and 15 E., lat. $31^{\circ}22'37''$ N., lon. $110^{\circ}51'30''$ W., we set off $31^{\circ}23'$ N. on the lat. arc; $7^{\circ}52'$ S. on the decl. arc; and at 4h.45m.p.m., l.m.t., determine a meridian with the solar, and mark a point thereof, on a stone firmly set in the ground 5 chs. N. of the cor. October 13, 1908.

October 14; At 5h.53m. a.m. l.m.t., we observe Polaris at western elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. on our station.

At 7h. a.m. l.m.t., we lay off the azimuth of Polaris $1^{\circ}23'$ to the east, and mark the meridian thus determined, by cutting a small groove in the stone set October 13, on which the meridian falls 0.3 ins. east of that determined by the solar.

At 7h. 10m. a.m. l.m.t., we set off $31^{\circ}23'$ N. on the lat. arc; $8^{\circ}05'$ S. on the decl. arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs. N. of our station; this mark falls 0.3 ins. east of the meridian established by the Polaris observation.

The solar apparatus by a.m. and p.m. observations defines positions for meridians, respectively about $0'16''$ east and west of the meridian established by the Polaris observations; therefore we conclude that the adjustments of the instrument are satisfactory. The magnetic bearing of the true meridian at 8h. a.m. is $N.13^{\circ}40'W.$ the angle thus determined gives the mag. decl. $13^{\circ}40' E.$

Thence we run
East on a true line, bet. secs. 8 and 31.
Over mountainous land.
Wire fence, brs. SE and NW.
Cross a field.
8.00 Wire fence, brs. NE and SW.
Leave field.
Ascend.
10.15 Rocky ridge, brs. NE and SW.
15.50 Wash. 20 lks. wide, course N.
Ascend.
16.00 Road, brs. N. and S.
18.00 Dry wash, course north.
24.00 Top of flat mesa.
Road, brs. SE and NW.
26.00 Road, brs. SE and NW.
39.12 Allowing for convergency.
Set a granite stone, 18 x 8 c. 5 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which

North Boundary of T 24 S., R 15 E.

Chains.

A mesquite, 10 ins. in diam. brs. S. $36\frac{1}{2}^{\circ}$ E., 62 lks. dist., marked $\frac{1}{4}$ S 6 B T.
 A mesquite, 10 ins. in diam. brs. N. $67\frac{1}{2}^{\circ}$ W., 86 lks. dist., marked $\frac{1}{4}$ S 31 B T.
 Raise a mound of stone 3ft. base, 2ft. high, N. of cor.
 44.70 Road, brs. NE and SW.
 58.00 Road, brs. NE and SW.
 Descend.
 67.50 Artificial Lake, 2 chs. wide, 6 chs. long, brs. SE. and NW.
 71.00 Santa Cruz river (dry) 2 chs. wide, course N.
 73.00 Mouth of wash, 1 ch. wide, course S. 75° W.
 79.00 Road, brs. NE and SW.
 79.12 Set granite stone, 24 x 8 x 6 ins., 18 ins. in the ground, for cor. of secs. 5. 6. 31 and 32, marked with 1 notch on W. and 5 notches on E. edge, and raise a mound of stone 4ft. base, 2ft. high, around cor. stone; from which
 A hackberry, 24 ins. in diam. brs. N. 52° E., 220 lks. dist., marked T 23 S R 15 E S 32 B T.
 A willow, 8 ins. in diam. brs. S. $59\frac{1}{2}^{\circ}$ E., 133 lks. dist., marked T 24 S R 15 E S 5 B T.
 A walnut, 8 ins. in diam. brs. S. 13° W., 150 lks. dist., marked T 24 S R 15 E S 6 B T.
 A walnut, 10 ins. in diam. brs. N. 12° W., 150 lks. dist., marked T 23 S R 15 E S 31 B T.
 Land, mountainous.
 Soil 2nd and 3rd rate.
 Timber, mesquite, willow, walnut and hackberry.
 Mountainous land, exceptionally difficult to survey,
 79.12 chs.

East, onto true line bet. secs. 5 and 32.
 Over broken and mountainous land.
 16.00 Enter wash, 2 chs. wide, course W.
 38.00 Leave wash on N. side.
 40.00 Set a granite stone, 24 x 10 x 6 ins., 18 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raise a mound of stone 3ft. base, 2ft. high, around cor. stone; from which
 A mesquite, 24 ins. in diam. brs. S. 26° E., 170 lks. dist., marked $\frac{1}{4}$ S 5 B T.
 A walnut, 30 ins. in diam. brs. N. $69\frac{1}{2}^{\circ}$ W., 82 lks. dist., marked $\frac{1}{4}$ S 32 B T.
 62.00 Reenter wash, course W.
 67.00 Leave wash, course W.
 Ascend steep N. slope.
 79.00 Top of ascent.
 Descend
 79.50 Gulch, 5 lks. wide, course N.
 80.00 Set a granite stone, 24 x 18 x 8 ins., 18 ins. in the ground, for cor. of secs. 4. 5. 32 and 33, marked with 4 notches on E. and 2 notches on W. edge; from which
 A walnut, 12 ins. in diam. brs. N. $8\frac{1}{2}^{\circ}$ E., 124 lks. dist., marked T 23 S R 15 E S 33 B T.
 An oak, 14 ins. in diam. brs. S. $31\frac{1}{2}^{\circ}$ E., 115 lks. dist., marked T 24 S R 15 E S 4 B T.
 An oak, 14 ins. in diam. brs. S. $83\frac{1}{2}^{\circ}$ W., 30 lks. dist., marked T 24 S R 15 E S 5 B T.
 An oak, 12 ins. in diam. brs. N. 83° W., 80 lks. dist., marked T 23 S R 15 E S 32 B T.
 Land, mountainous.
 Soil, 3rd rate.
 Timber, oak, walnut and mesquite.
 Mountainous land, exceptionally difficult to survey,
 80.00 chs.

October 14, 1908

North Boundary of T 24 S., R 15 E.

Chains. October 15; At 7h. a.m. 1.m.t., we set off 31° 23' N on the lat. arc; 8° 27' S on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4. 5. 32 and 33, on the N. bdy of Tp. recently established by us.

Thence we run
East on a true line, bet. secs. 4 and 33.
Road, brs SE and NW.
5.00 Reenter wash. course W.
13.00 Leave wash. course W.
34.00 Road, brs. NE and SW.
38.75 Set a granite stone, 24 x 12 x 6 ins., 18 ins. in the
40.00 ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from
which
A coccolaw, 8 ins. in diam. brs. S. 17° E., 53 lks.
dist., marked $\frac{1}{4}$ S 4 B T.
A mesquite, 24 ins. in diam. brs. N. 61° W., 41 lks.
dist., marked $\frac{1}{4}$ S 33 B T.

44.00 Reenter wash,
64.00 Road, brs. E and W.
64.50 Leave wash.
Ascend steep ridge.
67.00 Road, brs. NE and SW.
71.00 Top of ridge, brs. SE and NW.
79.00 Descend abruptly.
80.00 Set a granite stone, 24 x 18 x 8 ins., 18 ins. in the
ground, for cor. of secs. 3. 4. 33 and 34, marked
with 2 notches on E and W. edges, from which
A mesquite, 24 ins. in diam. brs. N. 83° E., 90 lks.
dist., marked T 23 S R 15 E S 34 B T.
An oak, 18 ins. in diam. brs. S. 17 $\frac{1}{4}$ ° E., 62 lks. dist.,
marked T 24 S R 15 E S 3 B T.
An oak, 16 ins. in diam. brs. S. 29 $\frac{1}{4}$ ° W., 87 lks. dist.,
marked T 24 S R 15 E S 4 B T.
A hackberry, 18 ins. in diam. brs. N. 59 $\frac{1}{2}$ ° W., 68 mlks.
dist., marked T 23 S R 15 E S 33 B T.
Land, mountainous, exceptionally difficult to survey,
Soil, 2nd and 3rd rate. 80.00 chs.
Timber, oak, mesquite and walnut.

9.00 East on a true line, bet. secs. 3 and 34.
Over mountainous land, through dense undergrowth.
Road, brs SE and NW.

31.00 Reenter wash, course N. 80° W.
34.00 Leave wash,
35.00 Ascend. rocky hill.
40.00 Set a granite stone, 24 x 10 x 5 ins., 18 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and
raise a mound of stone, 3ft. base, 2ft. high, N. of
cor. Pits impracticable.

43.00 Descend over bluff.
44.00 Reenter wash,
64.00 Leave wash. comes from S.E.
67.00 Ascend.
72.00 Gulch, 15 lks. wide, course S.
Ascend.
76.00 Ridge, brs. N. and S.
Descend. abruptly.

80.00 Bottom
Set granite stone, 24 x 10 x 6 ins., 18 ins. in the
ground, for cor. of secs. 2. 3. 34 and 35, marked
with 2 notches on E and 4 notches on W. edges, from
which
A mesquite, 24 ins. in diam. brs. N. 29 $\frac{1}{2}$ ° E., 105 lks.
dist., marked T 23 S R 15 E S 35 B T.
A walnut, 24 ins. in diam. brs. S. 8 $\frac{1}{2}$ ° E., 100 lks.
dist., marked T 24 S R 15 E S 2 B T.

North Boundary of T 24 S., R 15 E.

Chains.

A mesquite, 16 ins. in diam. brs. S. 29° W., 129 lks. dist., marked T 24 S R 15 E S 3 B T. No other tree available.
 Raise a mound of stone 4 ft. base, 2ft. high, W of cor. Pits impracticable.
 Land, mountainous.
 Soil, 3rd rate.
 Timber, mesquite and walnut.
 Mountainous land covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs.

October 15, 1908

October 16; At 7h.30m. a.m. l.m.t., we set off 31° 23' N on the lat. arc; 8° 51' S. the decl. arc; and determine a meridian with the solar at the cor. of secs. 2. 3. 34 and 35, on the N. bdy of the Tp.; ~~thence~~ we run East on a true line, bet. secs. 2 and 35;

11.00
 22.00
 29.75
 32.50
 35.00
 40.00
 49.00
 50.00
 53.00
 70.00
 79.50
 80.00

Ascend abruptly.
 Ridge, brs. N. and S.
 Descend abruptly.
 Reenter N. fork of wash, course SW.
 Leave wash.
 Ascend abruptly.
 Top of bank.
 Ascend rocky ridge.
 Set a granite stone, 16 x 8 x 5 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face, from which
 A mesquite, 6 ins. in diam. brs. N. 86° E., 56 lks. dist., marked 1/4 S 35 B T.
 A mesquite 8 ins. in diam. brs. S. 70 1/2° E., 47 lks. dist., marked 1/4 S 2 B T.
 Road, brs. SE and NW.
 Descend.
 Gulch, 20 lks. wide, course S.
 Begin ascent of high mountain.
 Descend.
 Gulch, 20 lks. wide. course N. 60° W.
 Ascend.
 Set a granite stone, 30 x 12 x 4 ins., 24 ins. in the ground, for cor. of secs. 1. 21 35 and 36, marked with 1 notch on E. and 5 notches on W. edge, from which
 An oak, 20 ins. in diam. brs. S. 55 1/2° E., 136 lks. dist., marked T 24 S R 15 E S 1 B T.
 An oak, 12 ins. in diam. brs. S. 83 1/2° W., 91 lks. dist., marked T 24 S R 15 E S 2 B T.
 An oak, 16 ins. in diam. brs. N 7 1/2° W., 44 lks. dist., marked T 23 S R 15 E S 35 B T. No other tree available; raise a mound of stone, 4 ft. base, 2ft. high, W. of cor. Pits impracticable.
 Land, mountainous.
 Soil 2nd and 3rd rate.
 Timber, oak and mesquite.
 Mountainous land, exceptionally difficult to survey, 80.00 chs.
 At this cor. at noon I set off 8° 49' S. on the decl. arc and observe the sun on the meridian; the resulting latitude is 31° 23' N.

East on a true line, bet. secs. 1 and 36.
 Over mountainous land.

4.00
 18.00
 40.00

Miners cabin, dugout and stone, on line.
 Gulch, 10 lks. wide, course S. 80° W.
 Ascent becomes very steep.
 Set a granite stone, 16 x 8 x 6 ins., 12 ins. in the

North Boundary of T 24 S., R 15 E.

Chains.

ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which

An oak, 12 ins. in diam. brs. S. 2° W., 73 lks. dist., marked, $\frac{1}{4}$ S 1 B T.

An oak, 12 ins. in diam. brs. N. 86° W., 48 lks. dist., marked $\frac{1}{4}$ S 36 B T.

42.50 Summit of mountain, brs. N and S.
Descend very steep.

62.50 Gulch, 20 lks. wide, course SE.

67.50 Gulch, 20 lks. wide, course SE.

74.50 Gulch, 20 lks. wide, course S. 30° E.

77.00 Road, Nogales to Washington camp. bears N.E. and S.W.
Ascend.

80.00 Set a granite stone, 30 x 18 x 6 ins., 24 ins. in the ground, for cor. of Tps. 23 and 24 S., Rgs. 15 and 16 E., marked with 6 notches on each edge; from which

An oak, 18 ins. in diam. brs. N. $16\frac{1}{2}^{\circ}$ E., 133 lks. dist., marked T 23 S R 16 E S 31 B T.

An oak, 24 ins. in diam. brs. S. $12\frac{1}{2}^{\circ}$ E., 35 lks. dist., marked T 24 S R 16 E S 6 B T.

An oak, 12 ins. in diam. brs. S. $65\frac{1}{2}^{\circ}$ W., 53 lks. dist., marked T 24 S R 15 E S 1 B T.

An oak, 10 ins. in diam. brs. N. 45° W., 130 lks. dist., marked T 23 S R 15 E S 36 B T.

Land, mountainous.
Soil, 3rd and 4th rate.
Timber, oak and pine.
Mountainous land, exceptionally difficult to survey,
80.00 chs.
October 16. 1908.

East Boundary of T 24 S., R 15 E.

Chains.

October 17; At 7h.10m.a.m. l.m.t., we set off 31° 23' N on the lat. arc; 9° 11' S on the decl. arc; and determine a meridian with the solar, at the cor. of Tps. 23 and 24. S. Rgs 15 and 16 E.

Thence we run

South on a true line, bet secs. 1 and 6.

10.00

Telephone line, NE. and SW.

10.50

Gulch, 30 lks. wide, course S. 25° W.

22.50

Gulch. 50 lks. wide, course S. 25° W.

34.00

Ascend.

40.00

Set a granite stone, 24 x 8 x 5 ins., 18 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which

An oak, 10 ins. in diam. brs. S. 39° E., 33 lks. dist., marked $\frac{1}{4}$ S 6 B T.

An oak, 10 ins. in diam. brs. N. 74° W., 128 lks. dist., marked $\frac{1}{4}$ S 1 B T.

64.00

Mountain ridge brs. NE and SW.

Descend very abruptly.

70.00

Gulch, 40 lks. wide, course SW.

Ascend very abruptly.

80.00

Set a granite stone, 16 x 8 x 5 ins., 12 ins. in the ground, for cor. of secs. 1.6.7 and 12, marked with 5 notches on S. and 1 notch on N. edge; from which

An oak, 8 ins. in diam. brs. N. 17° E., 25 lks. dist., marked T 24 S R 16 E S 6 B T.

An oak, 12 ins. in diam. brs. S, 8° E., 90 lks. dist., marked T 24 S R 16 E S 7 B T.

An oak, 12 ins. in diam. brs. S 61° W., 105 lks. dist., marked T 24 S R 15 E S 12 B T.

An oak, 16 ins. in diam. brs. N. $\frac{1}{2}$ ° W., 153 lks. dist., marked T 24 S R 15 E S 1 B T.

Land, mountainous.

Soil, 3rd rate.

Timber, oak.

Mountainous land, exceptionally difficult to survey,
80.00 chs.

South on a true line, bet. secs. 7 and 12.

Over mountainous land.

Ascend along W. slope of high mountain,

10.00

Descend.

25.00

Gulch, 10 lks. wide. course W.

Ascent very steep.

34.00

Ridge brs. NE and SW.

Descent very steep.

40.00

Set a granite stone, 16 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 $3\frac{1}{2}$ ft. base, 2 ft. high, W of cor. Pits impracticable.

43.00

Gulch, 15 lks. wide, course S. 60° W.

Ascend very steep mountain.

49.00

Ridge brs. NE and SW.

Descend very steep ridge.

63.50

Gulch. 20 lks. wide, course S. 60° W.

Ascend very steep mountain.

72.00

Mountain ridge brs. E and W.

Descent very steep.

80.00

Set a granite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for cor. of secs. 7.12.13 and 18, marked with 4 notches on S. and 2 notches on N. edge, from which

An oak, 24 ins. in diam. brs. S. 9 $\frac{1}{2}$ ° E., 160 lks. dist., marked T 24 S R 16 E S 18 B T.

East Boundary of T 24 S., R 15 E.

Chains.

An oak, 18 ins. bndiam. brs. S. 26½° W., 112 lks. dist. marked T 24 S R 15 E S13 B T. No other trees available; raise a mound of stone 3½ ft. base, 2ft. high, W. of cor. Pits impracticable.
 Land, mountainous.
 Soil, 3rd rate.
 Timber, oak.
 Mountainous land, exceptionally difficult to survey, 80.00 chs.

South on a true line. bet. secs. 13 and 18.
 Over mountainous land.
 Descend.
 .40 Head of gulch, course W.
 Ascend.
 4.00 Ridge, slopes W.
 Descend.
 7.00 Gulch, 10 lks. wide, course W.
 Ascend mountain.
 20.00 Top of ascent, on E. slope of mountain.
 Descend abruptly.
 32.60 Gulch, 40 lks. wide, course W., running water, 3 chs. E of line.
 Ascend.
 40.00 On W. slope of mountain.
 Set a granite stone, 20 x 10 x 6 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone 3½ ft. base. 2ft. high, W. of cor. Pits impracticable.
 Descend;
 43.25 Gulch, 20 lks. wide, course NW.
 Ascend very steep mountain.
 47.00 Gulch, 20 lks. wide, course N. 60° W.
 Ascend abruptly.
 59.00 Top of mountain.
 Descent very steep.
 68.50 Gulch. 25 lks. wide, course W.
 Ascent very steep.
 81.12 Wire fence brs. E and W.
 81.40 Top of mountain. brs. E and W.
 Descend.
 82.40 Intersect International Bdy. line, at ~~68.92~~ 82.40 chs. W. of Int. Bdy. monument No. 115, which is an iron monument, firmly set, marked and witnessed, as described by the surveyor general.
 Set a granite stone, 30 x 12 x 8 ins., 15 ins. in the ground, for closing cor. of T 24 S., Rgs. 15 and 16 E. marked, C C with 3 grooves on N. face; M E X. on S. face; and raise a mound of stone, 4ft. base, 2ft. high, N. of cor. Pits impracticable.
 Land, mountainous.
 Soil, 3rd and 4th rate.
 Timber, scattering oak.
 Mountainous land, exceptionally difficult to survey, 82.40 chs.
 Connecting line, " " 17, 68.92 chs.
 October 17, 1908.

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Boundaries of T. 24 S., R. 15 E.

General Discription.

The land along the western part of the north boundary is level and rolling, with some good agricultural land which may be watered from the Santa Cruz river. the eastern part of the north boundary and the east boundary, is very mountainous, and the soil is rocky. There is oak, mesquite, willow and walnut timber along the north boundary, with oak, and mesquite along the east boundary. There is no water east of the Santa Cruz river.

J. J. Jacobs
U. S. Deputy Surveyor

Wickenburg, Arizona; December 30, 1908.

Latitudes, departures and closing errors.

Line designated	True bearing,	Distance, Chs.	Latitudes		Departures		
			N. Chs.	S. Chs.	E. Chs.	W. Chs.	
N. Bdy.	East,	479.12			479.12		
E. Bdy.	South,	242.40		242.40			
S. Bdy.	West,	183.40				183.40	
W. Bdy.	N. 6 20' W.	193.61	192.43			21.36	
S. Bdy.	S. 83 40' W.	276.27		30.47		274.58	
W. Bdy.	North,	79.00	79.00				
Convergency,					.82		
			271.43	272.87	479.34	479.34	
				1.43			
				1.44			
			Error in latitude, , , ,				
			Departures balance.				

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Jacobs & Curry
....., 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 north
and East boundary of T. 24 S. R. 15 E.
showing the respective capacities in which they acted:

- Jim A. Kellis Chainman.
- Harvey H. Coker Chainman.
- Thomas Jacobs Moundman.
- Moundman.
- Fred C. Roberts Axman.
- Axman.
- Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Jacobs & Curry
....., United States Deputy Surveyors, in surveying all
those parts or portions of the North and East boundaries of
T. 24 S. R. 15 E.

..... of the Gila and
Salt River Base and 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
- Jim A. Kellis Chainman.
 - Harvey H. Coker Chainman.
 - Thomas Jacobs Moundman.
 - Moundman.
 - Fred C. Roberts Axman.
 - Axman.
 - Flagman.

Subscribed and sworn to before me this 24
day of October, 1908

Francis Jacobs
Notary Public

My commission expires September 20, 1911



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BOOK 2204

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Francis B Jacobs, 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 20 day of March, 1908, 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

Boundaries of Township 24 South Range 15 East

of the Gila and Salt River Base and _____ 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.

Francis B Jacobs

United States Deputy Surveyor.

Subscribed by said Francis B Jacobs, and sworn to before me }
this 28th day of February, 1908

~~My commission expires February 15, 1912~~



H. S. R. E. Coyle
Notary Public

APPROVAL.

Frank S Ingalls
U. S. SURVEYOR GENERAL & C. A.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz. March 7, 1908

The foregoing field notes of the survey of the North and fractional East boundaries of Twp 24 S. Rg. 15 E. of the Gila and Salt River Base and Meridian, Arizona

executed by Francis B Jacobs and Daniel J. Curry under ^{joint} contract No. 148 dated Mar. 28, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S Ingalls
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.