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1707

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BOOK 1707

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FIELD NOTES
GENERAL LAND OFFICE.

2nd ₉₉ *Guide*

*Meridian W.
through*

Tp 20 N

1707

BOOK 1707

Field Notes
of the
survey of the
Second Guide Meridian West
Through
Townships 19 and 20 North
of the
Gila and Salt River Base and Meridian
in the
Territory of Arizona
as surveyed by
Philip Coutzen
U. S. Deputy Surveyor.
Under his Contract No. 37.
Dated February 10, 1893.

Survey commenced June 1, 1893
Survey completed June 28, '93.

BOOK 1707

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			Grant

Guide Mer. West

Grant

At the closing cor to Sps. 20
N. Ranges 8 and 9 West Tolowee
Polaris at its eastern elongation
at 2:40 A. M. June 1. 1893. -
and

find its magnetic bearing to be
 $N. 13^{\circ} 18' W.$

North end of needle $13^{\circ} 18' 5$

The Azimuth by table
in Manual $1^{\circ} 32$

The sum is the Variation $14^{\circ} 50' 5$

Lay off the azimuth to the
West and mark the true Meridian
so determined by driving a
picket 3 dis. North of the
corner.

Second Guide Meridian

Chains A Juniper 5 ins diam brs. 69° E

118 lbs dist marked $\frac{1}{4}$ S. B. T.

A Juniper 18 ins diam brs. 72° W

Page 20 118 lbs dist marked $\frac{1}{4}$ S. B. T.

80.00 Set a Volcanic stone 18 x 12 x 8 ins ^{12 ins}

in the ground for cor to sec 7-12-13 ^{and 18}

marked with 4 notches on ^{and 2}

notches on N face, ~~Long pit to 18 x~~

~~18 x 15 ins in each rock of forest~~

~~and raised a mound of earth 2 ft~~

~~high $\frac{1}{2}$ ft base alongside.~~

Land Level

Soil 2nd and 3rd rate

80 chs. Juniper ^{+ Cedar} Timber + dense undergrowth

South Bet sec 13 ^{and 18}

Va 4° 53' 5"

Strongly Timber ^{and} dense undergrowth

31.50

Bottom Enter Valley br. Ey ^{and}

38.50

A Cedar 6 ins diam. bears 70° 45' E
104 lbs dist marked 5. com. R.W. 47.8.5
A Cedar 14 ins diam. bears 50° 30' W 89 lbs
dist. marked 5. 20 ft. R. 9 ft. A. 13. B. 5.
No other trees within limits

West through Dr. 50 North

Chain Road (Prescott to Hackberry's Eye)

40.00 Set a Limestone 15 x 10 x 10 ins 10 ins
in the ground for 1/4 sec or marked
1/4 on W face and raised a mound
of stone 1 1/2 ft high 2 ft. base
along side. Cuts impracticable
a Juniper 6 ins diam br. N 48° 45'

223 lbs dist. marked 1/4 S. S. T.
No other tree within limits

80.00 Set a Volcanic stone 18 x 10 x 10 ins 12
ins in the ground for certares 13-18-19
and 24 marked with 3 notches N 45°

~~Page 20. faces, and raised a
mound of stone 1 1/2 ft high
2 ft base, along side.
Cuts impracticable~~

~~a Juniper 10 ins diam br. S. 42° E~~

~~51 lbs dist. marked 5/20 N 28° W 19~~

~~25~~

~~No other tree within limits~~

Second Guide Meridian

Chains ~~551~~ ~~the dist marked 550 N.P. 9 W.~~

~~34 B.T.~~

~~A Juniper pine beam No. 55 W.~~

~~119 the dist marked 550 N.P. 9 W.~~

~~13 B.T.~~

Land Polling

Soil 3rd and 4th rate

80 cts Juniper ^{& Cedar} Timber, ^{2/3} dense
undergrowth

South Pt. sec. 19^{and 24}

Pa. 14° 54' E

Through Timber

7.00 Start of Muddy Cañon descent

10.00 bottom in Eye

12.00 ascent to Mesa

2400 top

4000 Set a Volcanic stone 18x12x12 in 12 in
in the ground for 1/4 sec cor marked 1/4
cor on W face and raised a mound of

West through G. 50 North.

Chain stone $1\frac{1}{2}$ ft high 2 ft base along side

Pits impracticable

A Cedar 19 ins diam bears N $20^{\circ} 30' E$ 305 lbs dist
marked S. 20 N. R. 5. No other tree within limits

41.00 leave Timber

54.00 descend from Mesa over Bluff

56.50 bottom

57.50 Enter Valley low key

62.00 leave valley and ascend ridge

80.00 top low Wy ^{cut} granite stone 8x8x12

ins 18 ins in the ground for cor to recs 19

- 24 - 25 and 30 marked with 4 notches

on N and 2 notches on S faces from white

A Cedar 10 ins diam bears N $40^{\circ} 30' E$ 137 lbs dist
marked S. 20 N. R. 8 W. S. 19. B. 5

A Cedar 5 ins diam bears S $20^{\circ} E$ 68 lbs dist
marked S. 20 N. R. 8 W. S. 30. B. 5

A Cedar 7 ins diam bears S $25^{\circ} W$ 93 lbs dist
marked S. 20 N. R. 7 W. S. 25. B. 5

A Cedar 12 ins diam bears N $20^{\circ} 30' W$ 164 lbs
dist marked S. 20 N. R. 9 W. S. 24. B. 5

land broken & mountainous

Soil 3rd and 4th rate

41 chs ^{x Cedar} Juniper, ^{Juniper} ^{of} dense under
growth.

Mountainous land & dense undergrowth

74.50 chs

South to recs 25 and 30

Va $14^{\circ} 52' E$.

Second Guide Meridian

7.00 Enter Heavy Timber ^{and} dense undergrowth

40.00 Set a limestone 15x14x6 ins 10 ins in the ground for 4 sec. marked 7/4 in. W face from which

A Cedar 9 ins diam bears S70°30' E 163 lbs dist marked 7/4 S. B. T.

A Cedar 7 ins diam bears S44° W 11 lbs dist marked 7/4 S. B. T.

41.00 descend

43.00 leave Timber

67.00 bottom ^{and} Enter Valley brook

80.00 Set a limestone 15x14x10 ins 10 ins in

the ground for 4 sec. 25-30-31 ^{and} 36

marked with 5 notches on N ^{and} 1

notch on S faces ^{and} raised a mound

of stone 1/2 ft high 2 ft base along-

side. Pile impracticable.

→ No other trees within limits
Land rolling

Soil 3rd ^{and} 4th rate

^{Cedar} 36 chs, Juniper Timber ^{and} dense undergrowth

Dense undergrowth 36 chs

A Cedar 10 ins diam bears N42° E 804 lbs dist marked 5-20-20 W
A Cedar 10 ins diam bears N 80° E 520 lbs dist marked 5-20-20 W
A Cedar 10 ins diam bears N 80° E 520 lbs dist marked 5-20-20 W

West through Tps 30 North

Chains South Port sec. 31 and 36.

Va. $14^{\circ} 45' E$.18.00 Through Timber ^{of dense undergrowth} & dense undergrowth
Dry Wash N. & E. 15 lks wide

22.00 ascend mesa

39.00 top

40.00 Set a Granite stone $25 \times 12 \times 5$ ins in
the ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on W
face, from whichA Cedar 30 ins ^{diam}, bears $N 88^{\circ} E$ 160 lks dist
marked $\frac{1}{4}$ S. B. T.A Cedar 14 ins diam, bears $S 66^{\circ} E$
243 lks dist marked $\frac{1}{4}$ S. B. T.

71.00 descent

80.00 Set a Lime stone $15 \times 8 \times 8$ ins in the
ground for cor to tps. 19 and 20 N. Rs. 8th & 9thA West marked with 6 notches on
N., S., E., and W. edges and raised a mound
of stone $\frac{1}{2}$ ft high 2 ft base along
side. Pits impracticable

Land Rolling

Soil 2nd and 3rd rate.

A Cedar 9 ins diam bears
 $N 73^{\circ} 15' E$ 208 lks dist
marked $\frac{1}{4}$ S. B. T. 207. R. 8th W. S. 31. B. T.

A Cedar 8 ins diam bears
 $N 82^{\circ} 15' W$ 182 lks dist marked
 $\frac{1}{4}$ S. B. T. 207. R. 9th W. S. 36 B. T.

No other trees within limits

Second Guide Meridian

Chains 80 chs Juniper ^{2 1/2} Cedar
 dense undergrowth sochs
 June 1. 93

South Port sec 1 ^{and 6}

Va. 14° 52' E

descent through Timber ^{and} dense
undergrowth

2.00 bottom

4000 Set a Volcanic 15 x 10 x 10 ins 10 ins in the
 ground for 1/4 sec cor marked 1/4 on W
 face ^{and} raised a mound of stone 1 1/2
 ft high 2 ft base along grise Pit
 impracticable.

8000 Set a Granite stone 18 x 12 x 8 ins 12 ins
 in the ground for cor to sec 1-6-7 ^{and 7}
 marked with 1 notch on N ^{and} 5 not-
 ches on 4 faces ^{and} raised a mound of
 stone 1 1/2 ft high 2 ft base alongside
 Pit, impracticable

Land Rolling

Soil 3.0 ^{and} 4 th rate

West through Pt 19 North

chains & oaks Juniper Timber
dense undergrowth so cho

South Pt sec 7 ^{and 15}

Ta. $14^{\circ}53'E$

40.00 Set a volcanic stone $18 \times 13 \times 5$ ins 14 ins in
the ground for $\frac{1}{4}$ sec circ marked $\frac{1}{4}$ on W
face, dug pits $18 \times 18 \times 12$ ins N ^{and} S of stone
 $5\frac{1}{2}$ feet, ^{and} raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.

80.00 Set a volcanic stone $21 \times 13 \times 8$ ins 14 ins in
the ground for cor to sec 7-12-13 ^{and} 18 mark-
ed with 2 notches on N ^{and} 4 notches
on S faces ^{and} raised a mound of stone
 $1\frac{1}{2}$ ft high 2 ft base alongside. Pits
impracticable

Land Rolling

Soil 2 ^{and} 3 rd rate

Timber scattering cedar scarce

Second Guide Meridian

- chain South. Prospects 13^{and} 18
 Va. $14^{\circ}54'E$
- 1.00 ascend ridge
- 5.00 top br. Ey
- 6.00 descend
- 20.00 bottom
- 40.00 Set a Volcanic stone $18 \times 12 \times 12$ ins 12 ins
 in the ground for 4 sec corners marked $\frac{1}{4}$
 on W face ^{and} raised a mound of
 stone $\frac{1}{2}$ ft high 2 ft base along
 side. Pits impracticable.
- 80.00 Set a Volcanic stone $18 \times 10 \times 6$ ins 12 ins
 in the ground for cor. tops 13-18-19 ^{and}
 24 marked with 3 notches on N,
 and S. faces ^{and} raised a mound of
 stone $\frac{1}{2}$ ft high 2 ft base along
 side. Pits impracticable.
- Land Rolling ^{and} mountainous rocks
 Soil 2nd ^{and} 3rd rate

West through Sp 19 North

Scarce
 Timber scattering Juniper
 Mountainous ~~land~~ 20 chs

June 2, 1893

South Pt. sec. 19 ^{and} 24

Pa. $14^{\circ} 53' E$.

12.60 Interest N. to and Luis Ma Baca
 Grant No 5 at a point 4.53 chs S. 89° 41' W
 of 7th mile cor. at which point
 I set a lime stone 15 x 10 x 5 ins 10 ins
 in the ground for closing cor to frac-
 tional sec 19 ^{and} 24 marked CC
 on N ^{and} L M. B. No 5 on S face ^{and}
 raised a mound of stone 1/2 ft high
 2 ft base alongside Pito imprac-
 ticable

Land Level

Soil 2nd ^{and} 3rd rate

No Timber

June 28 93.

Philip Contzen
 U. S. Dep. Surveyor

For Final Oaths
See Book No 40

Corrections ^{and} Alterations

Contract No 27 - Philip Cutzen Deputy
Second Guide Meridian West
through T. 20 North

Pages south bet. secs. 7 and 12,
at 80 chs.

~~Strike out "A cedar 14
ins. diam. bears S 38° 30' W
the words "dug pits
18 x 18 x 13 ins. in each
sec. 5 1/2 ft. dist., and
raised a mound of
earth 2 ft. high. 4 1/2 ft.
base. along side"~~

~~Strike out "A cedar
14 ins. diam. bears
S 38° 40' W. 239 lbs. dist."~~

Insert "A cedar 13 ins.
diam. bears S 34 1/2° W
239 lbs. dist."

Strike out "No other

trees within limits."

Insert "A pine 12 ins.
diam. bears $\odot 15^{\circ} \text{E}$
85 lbs. dist., marked
T. 20 N., R. 8 W. \odot 18
B. T.

A cedar 10 ins. diam.
bears $\text{N } 60 \frac{3}{4}^{\circ} \text{ W. } 92 \text{ lbs}$
dist., marked T. 20 N.,
R. 9 W. \odot 12 B. T.

Page 9 South bet. sees.

13 and 18. at 80.00chs
Strike out and raised
a mound of stone
 $1 \frac{1}{2}$ ft. high, 2 ft.
base along side.

Pits impracticable
from which
A juniper 10 ins.

diam. bears $\odot 42^{\circ} E$
 81 lbs. dist. marked
 T. 20 N., R. 8 W. S. 19 B. T.
 No other trees within
 limits.

Insert— From which
 A Cedar 10 ins. diam.
 bears $\odot 2\frac{1}{2}^{\circ} E$. 208 lbs.
 dist. marked T. 20 N.
 R. 8 W. S. 19 B. T.

A Cedar 10 ins. diam.
 bears $N 35^{\circ} W$. 119 lbs.
 dist. marked T.
 20 N. R. 9 W. S. 13 B. T.

A cedar 10 ins. diam.
 bears $\odot 42^{\circ} W$. 81 lbs.
 dist. marked T. 20
 N. R. 9 W. S. 24 B. T

Territory of Arizona } S. A
County of Pima }

Philip Contzen, U. S. Deputy
Surveyor, being first
duly sworn upon
oath, deposes and
says, that the fore-
going corrections
are made after
reference to his
original field notes,
the errors in said
notes having been
made by copyist
and that the same
are now correct

Philip Contzen
Subscribed and sworn

to before me this
9th day of January,
A. D. 1896

U. S. Surveyor General

U. S. Surveyor-General's Office,

TUCSON, A. T., August 9, 1895-

The foregoing Field Notes of the Surveys of
the 2nd Guide Meridian
West through Townships
19 and 20 North of
the Gila and Salt River Meridian
in Arizona executed by
Philip Contzee,
U. S. Deputy Surveyor, under his contract dated
February 10th, 1893,
having been critically examined, the necessary correc-
tions and explanations made, the said Field Notes and
the surveys they describe are hereby approved.

Levi H. Manning
U. S. Surveyor-General
for the Territory of Arizona.