

19

FIELD NOTES
OF THE SURVEY OF THE
SUBDIVISION LINES
OF

Township 4 North, Ranges 11 and
12 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Theo. F. White, D. S., under
Contract dated August 27, 1880.
Survey commenced May 3, 1881.
Survey completed May 7, 1881.

61

Copies 5

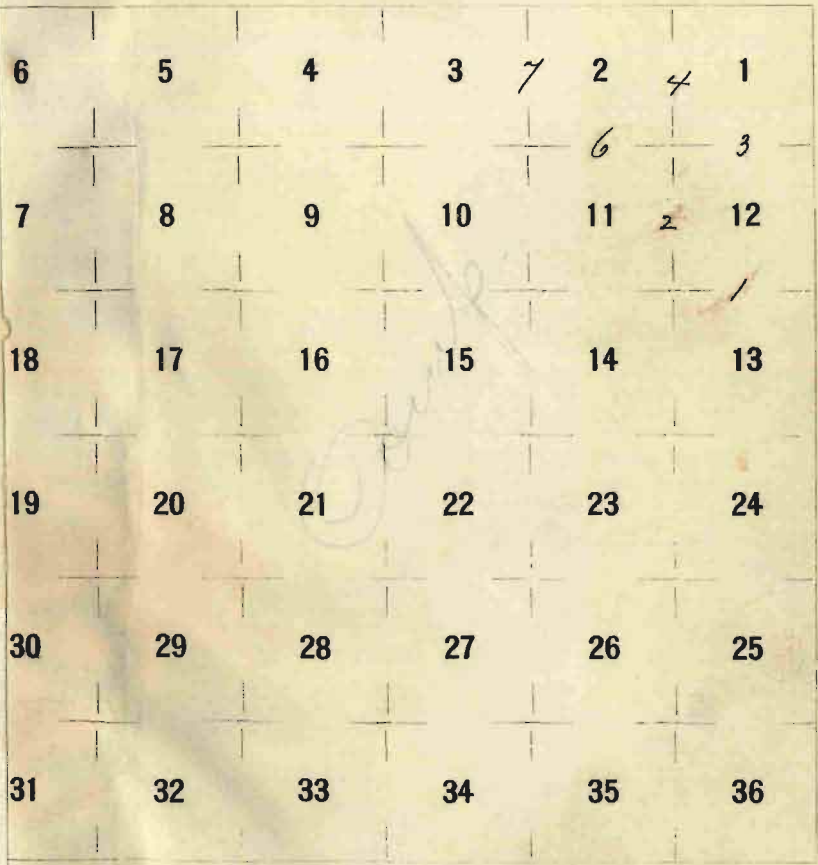
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Field Notes.

The Subdivision Lines of
INDEX DIAGRAM.

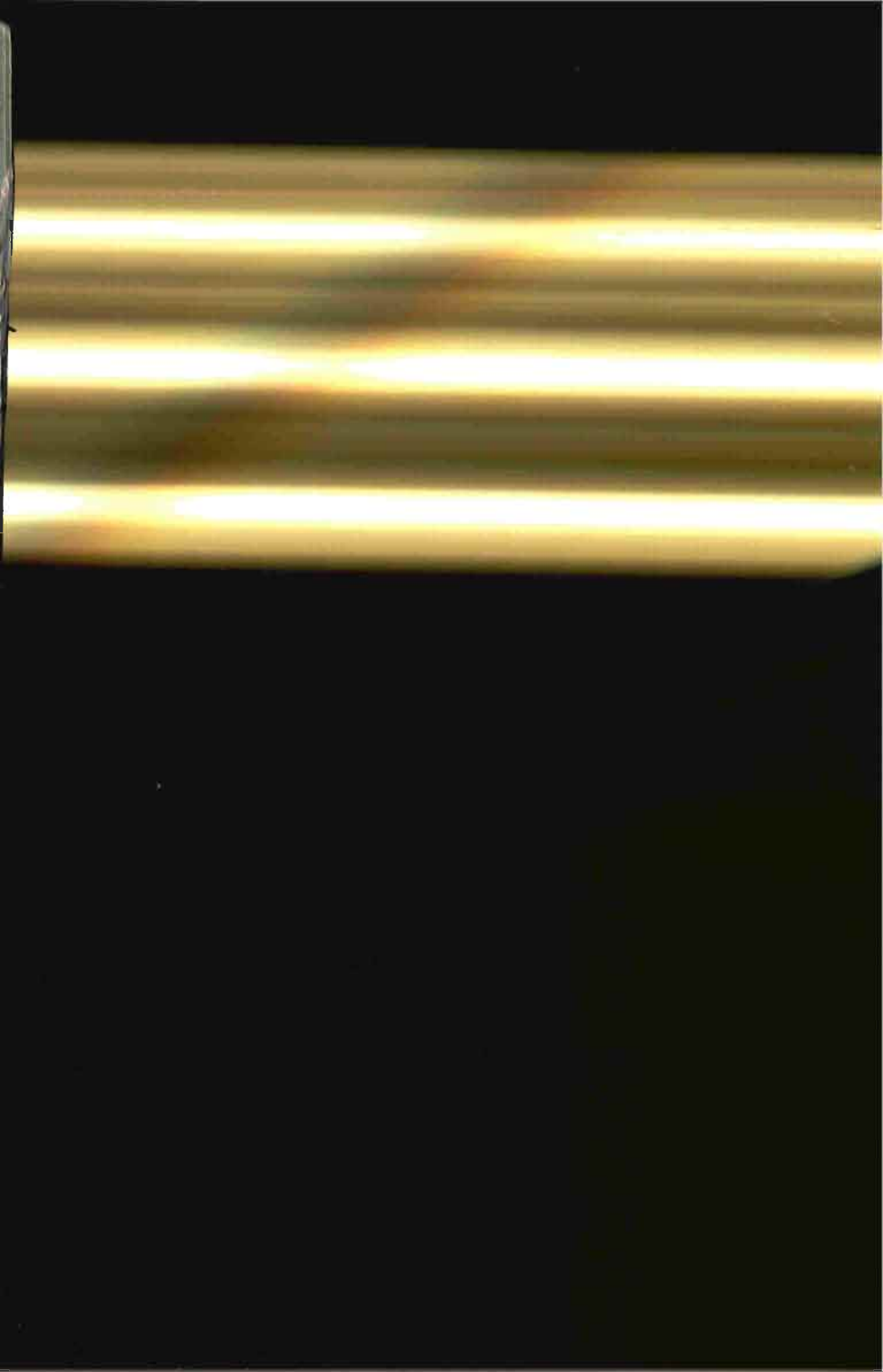
Township 4 N.

Range 11. E.



Gila and Salt River Meridian.

ARIZONA



Preliminary Oaths of Assistants.

We,

Richard Shrope

and

Samuel N. Van Pelt

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether 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.

Richard Shrope

Samuel N. Van Pelt

Sworn to and subscribed before me, this

day of

April, 18*87*

William J. Osborn
Notary Public
Ionia Co. M.

We, ^{of} Frank Carpenter
 C. H. Patchett and William Morrison
 do solemnly swear that we will well and truly per-
 form the duties of Assessor, Taxgatherer
 and Moundman respectively
 according to instructions given us, and to the best
 of our skill and ability.

Frank Carpenter
 C. H. Patchett
 William Morrison

Sworn to and subscribed before me this 4th
 day of April, 1881

William J. O'Brien

Notary Public
 Pima Co., Ariz.



Township 4 N. Range 11. E.

Gila & Salt River Meridian.

Chs

Nearly the whole of Tp 4 N. R. 11 E.
lies on the Mayatal Mountains,
and their broken Eastern slopes.

The land is rocky & barren & utterly
worthless. The only portion of the
township that is surveyable is in
the extreme N. E. corner along the
bottom of Pinto Creek valley.

From the Cor. to Secs. 7. 12. 13 & 18.
on the E. Boundary from West
on true line bet. Secs. 12 & 13.

Var. $14^{\circ} 12' E.$

as per observation with Solar Compass.

This is the same variation as that
of the E & N. Boundaries.

Use the same instrument
in subdividing this township
as used on the Exterior, an
improved Burt's solar compass.

40.00 Set Guevora rock 14 x 10 x 8 ins.

S. 4 N. R. 11. E. G. & S. R. M.

chs

10 ins. in the ground, and build
 mid of earth 2 ft high, with
 pits 18+18+12 ins. as per instructions.
 for 1/4 sec. cor.

80.00 Set Igneous rock 12+11+5 ins.

8 ins. in the ground, and build
 mid of earth 2 ft high, with
 pits 18+18+12 ins. as per
 instructions for Cor. to Secs.
 11. 12. 13. 14.

Broken Soil poor.
 No timber.

North between Secs. 11 & 12
 Var. 14° 12' E.

40.00 Set Igneous rock 12+8+7 ins.

8 ins. in the ground, and build
 mid of earth 2 ft high, with
 pits 18+18+12 ins. as per

T. 4 N. R. 11. E. G. & S. R. M.

Chs

instructions for $\frac{1}{4}$ Sec. cor.

77.00 Descend to mesa.

80.00 Feldspathic rock $18 \times 10 \times 4$ ins. 12
ins. in the ground, and build
rod of stone 2 ft high, as per
instructions for Cor. to Secs.

1. 2. 11. & 12. from which bear
a mesquite 7 ins. dia. N. 47° E. 147 lks dist.

Broken Soil poor.

No timber.

East on random line bet. Secs. 1 & 12.

Var. $14^\circ 12' E$.

23.00 Enter bottom

40.00 Set temporary $\frac{1}{4}$ sec. cor.

45.00 Tonto Creek 30 lks wide, course S. W.

79.93 Intersect E. B. of T_p. 11 lks S.
of cor. to Secs. 1 & 12. 6 & 7
from which Down.

P. 4 N. R. 11. E. G. & S. R. M.

Chs

S. $89^{\circ}55'N$. on town line bet. Secs. 1 & 12

Var. $14^{\circ}12'E$.

39.96 Set a post marked $\frac{1}{4}$ S. 4 ft long flattened 3 ins. wide, with marked stone 12 ins. in the ground, and build mound of earth 2 ft high, as per usual sections, with pits $18 \times 18 \times 12$ ins. for $\frac{1}{4}$ sec. cor. from which bears.

a Willow 6 ins. dia. N. $38\frac{1}{2}^{\circ}W$. 87 lbs dist.

a Mesquite 6 ins. dia. S. $60^{\circ}W$. 480 lbs dist.

79.93 Cor. to Secs. 1. 2. 11 & 12.

East part in Bottoms, good soil, Willow mesquite and Cottonwood along Creek.

North on town line bet.

Secs. 1 & 2.

T. 4 N. R. 11 E. G x S. R. M.

chs

Var. $14^{\circ} 12' E$

- 3.00 Top of E. slope of little hill.
- 6.00 Dry Wash 100 lks wide course E.
- 40.00 Set a post marked $\frac{1}{4}$ S. 4 ft long flattened 3 ins. wide, with marked stone. 12 ins. in the ground, and build mid of earth $2\frac{1}{2}$ ft high, with pits 18+18+12 ins. as per inst. sections for $\frac{1}{4}$ sec. cor. from which bears.
- a Mesquite 10 ins. dia. S. $64^{\circ} E$. 47 lks dist
- a Mesquite 8 ins. dia. N. $8\frac{1}{2}^{\circ} W$. 46 lks dist.
- 41.10 Dry wash 80 lks wide course N of E.
- 48.10 Dry wash 60 lks wide course E.
- 57.00 Outer Bottom S. E.
- 80.01 Intersect 1st Standard N.
- 21.36 Chs W. of Standard cor. to Secs. 35 x 36, recently set by us ^{J. 5 N. R. 11 E.} and fully described in my field notes at Point of Intersection ✓

BOOK 19

T. 4 N. R. 11 E. G. & S. R. M.

chs

Set a post marked & notched
4 ft long 4 in. sq. with marked
slant 12 ins. in the ground, and
build end of east 2 ft high,
with pits 18 + 18 + 12 ins. as per
instructions for closing corner
from which bears.

& Cottonwood 15 ins. dia. N. 38° W. 370 lps dist.

& Mesquite 8 ins. dia. S. 61° W. 207 lps dist.

Rich bottom land on N. end
Cottonwood, Mesquite & Willow
all along creek.

The land to the N & S. of the
corner to Secs. 11, 12, 13, & 14
is unurveyable as from the
cor. to Secs. 1, 2, 11, & 12.

I run

West on true line bet. Secs. 2 & 11.

T. 4 N. R. 11. E. G & S. R. M.

- Chs
 4000 Var. $14^{\circ}12' E.$
 Set Igneous rock $12 \times 9 \times 7$ ins.
 8 ins. in the ground, and build
 mid of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per inst.
 instructions for $1/4$ sec. cor.
 8000 Set Igneous rock $13 \times 8 \times 7$ ins.
 7 ins. in the ground, and build
 mid of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per
 instructions for Cor. to Secs.
 2. 3. 10 & 11.
 Broken Soil poor.
 No timber.

North on true line bet. Secs
2 & 3.

Var. $14^{\circ}12' E.$

- 4000 Set Igneous rock $11 \times 8 \times 8$ ins.
 8 ins in. the ground, and

T. 4 N. R. 11 E. G. & S. R. M.

chs

build mid of earth 2 ft high
with pits, 18+18+12 ins. as per
instructions for 1/4 Sec. cor.

79.92 Intersect 1st Standard N.
21.31 chs W. of Standard Cor.
to Secs. 34 & 35, ^{S. 5 N. R. 11 E.} recently set
by me and fully described,
in my field notes, at point
of Intersection 2 set.

Igneous rock 14+8+6 ins.
10 ins. in the ground, and
build mid of earth 2 ft high
with pits 18+18+12 ins. as
per instructions for closing
cor.

Broken Soil poor.
No timber.

May 7. 1881

T. H. R. H. E. G. & S. R. M.

Further N. the land is not
surveyable.

BOOK 19

General Description.

Fractional township 4 N.
Range 11 E. the portion
surveyed is in the extreme
N. E. cor. and lies along
Tooto Creek bottom,

There is some good land,
along side this bottom

The balance of the town-
ship which is not surveyed,
lies on the Magatzal Range
of mountains and its
broken eastern slopes.

The land, is rocky barren
& worthless.

Theodore J. White

U. S. Deputy Surveyor.

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Field Notes.

No. Subdivision Lines of
INDEX DIAGRAM.

Township 4 N.

Range 12 E.

6	57	5	43	4	34	3	24	2	13	1
53		52		42		33		23		12
7	51	8	41	9	33	10	22	11	10	12
50		49		40		32		21		9
18	47	17	39	16	31	15	20	14	8	13
46		44		38		30		19		7
19		20	36	21	28	22	17	23	5	24
				35		27		16		4
30		29		28	26	27	15	26	3	25
						25		14		2
31		32		33		34		35	1	36

Gila and Salt River Meridian.

ARIZONA.

Township 4 N. Range 12 E.

Gila and Salt River Meridian

Ets

From the cor. to Secs. 35 + 36. 1 + 2.
on South Boundary of Town-
ship, which was recently set
by me, and is fully described
in my field notes. From:

North between Secs. 35 + 36.

Var. $14^{\circ} 10' E.$

as per observation with Solar
Compass, this is the variation
observed on E & S. boundaries,
I use the same instrument in
making the subdivisional
survey, that I used in running
the exterior lines, which is a
Burt's Improved Solar Compass.

4000 Set Porphyry rock $12 \times 8 \times 6$ ins. 8 ins.

in the ground & build in def
stone, with marked stone 12 ins.

in the ground, as per instructions
for $1/4$ sec. cor. from which bears ✓

BOOK 19

S. 4th. R. 12 E. G. + S. R. M.

chs

80.00 a. Palo Verde 5 ins. dia. N. 82° E. 179 lks dist.
 Set Porphyry rock $15 \times 12 \times 6$ ins. 10 ins.
 in the ground, and build end of stone
 2 ft high, with ~~unmarked~~ ~~stone~~ ~~12~~ ~~ins~~
 in the ground, as per instructions
 for Cor. to Secs. 25. 26. 35. + 36.
 Rolling Soil 2^d rate
 No timber.

East on random line bet. Secs. 25 + 36.
 Var. $14^{\circ} 10' E$.

40.00 Set temporary $1/4$ Sec. cor.
 79.98 Intersect E. B. of Tp. 5 lks S. of cor.
 to Secs. 25. 30. 31 + 36. from
 which I mn.

S. $89^{\circ} 58' N$. on true line bet. Secs. 25 + 36.
 Var. $14^{\circ} 10' E$.

39.99 Set Porphyry rock $12 \times 8 + 8$ ins. 8 ins. in
 the ground build end of earth

S. 4 N. R. 12 E. G. & S. R. M.

chs

2 ft high, with pits 18+18+12 ins.
as per instructions for 1/4 sec. cor.

79.98 Cor. to Secs. 25, 26, 35 & 36.

Descending N.

Soil 2^d. Late.

No timber.

North between Secs. 25 & 26

Var. 14° 10' E.

40.00 Set a post marked 1/4 S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, & build
mid of earth 2 ft high, with pits
18+18+12 ins. as per instructions
for 1/4 Sec. cor. from which bears
a magnetite 3 ins. dia. N. 58° W. 140 lbs dist.
a magnetite 5 ins. dia. S. 66° W. 106 lbs dist.

80.00 Set a post marked & scratched
4 ft long 4 ins. sq. with marked

S. 4 N. R. 12 E. G. & S. R. M

chs

stone 12 ins. in the ground, and
 build up of earth 2 ft high,
 with pits 18 x 18 x 12 ins. as per
 instructions for Cor. to Secs. 24
 25. 23 x 26. from which bears
 a Palo Verde 4 ins. dia. N. 70° W. 108 lbs dist
 a Palo Verde 5 ins. dia. S. 6° W. 75 lbs dist.
 Rolling Soil 2^d rate
 Scattering trees & brush.

East on random line bet. Secs. 24 & 25.

Var. 14° 10' E.

40.00 Set temporary 1/4 Sec. cor.

80.13 Intersect E. B. of Sp. 6 lbs N. of cor.
 to Secs. 19, 24, 25 & 30. from which
 I run.

N. 89° 57' W. on true line bet. Secs. 24 & 25.

Var. 14° 10' E.

40.00 Set a post marked 1/4 S. 4 ft long

S. 4. N. R. 12 E. G + S. R. M.

chs

flattened 3 ins. wide with marked
stone, 12 ins. in the ground, and
build md of earth 2 ft high,
with pits 18 + 18 + 12 ins. as per
instructions for 1/4 sec. cor.
from which bears.

@ Mesquite 3 ins. dia. h. 40' W. 145 lks dist.

80. 13. Cor. to Secs. 23. 24. 25. + 26.

Descending N.

Soil good on E. end Soil 2^d rate
on W. end, scattering trees.

North between Secs. 23 + 24.

Var. 14° 10' E.

33. 90 Road course N. W.

40.00 Set a post marked 1/4 S. 4 ft long
flattened 3 ins. wide, with marked
stone, 12 ins. in the ground, and
build md of stone 2 ft high, ✓

N. 4 N. R. 12. E. G. & S. R. M.

chs

as per instructions for $\frac{1}{4}$ Sec. cor.
from which bears.

a Mesquite 3 ins. dia. S. 4° E. 193 lbs dist.

45.53 Road leads N. W.

62.50 Acequia course W.

67.27 Left bank Salt River course S of W.
measure across.

71.13 to Right Bank of Salt River.

80.00 Set Greenstone rock 15 x 8 x 6 ins. 10 ins.
in the ground, and build end
of stone 2 ft high, as per instruction
from cor. to Secs. 13. 14. 23 x 24
from which bears.

a Pesote 3 ins. dia. S. 40° W. 32 lbs dist.

a Pesote 3 ins. dia. West. 130 lbs dist.

Mostly rolling Soil 2^d & 1st rate
Scattering trees.

N. 4 N. R. 12. E. G. & S. R. M.

chs

East on random line bet. Secs. 13 & 24.

Var. $14^{\circ} 10' E$.

- 4.80 Irrigating ditch course N of W.
 39.10 Road course N. of W. a wash comes in from N.
 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
 47.10 Leave river bottom & ascend hills
 80.17 Intersect E. B. of Tp. 14 lbs N. of cor. to Secs. 13. 18. 19 & 24. from which
 Town.
 N. $89^{\circ} 54' W$. on true line bet. Secs. 13 & 24
 Var. $14^{\circ} 10' E$.
- 40.08 Set a post marked $\frac{1}{4}$ S. 4 ft long flattened Sim. wide, with marked stone 12 ins. in the ground, and build mound of earth 2 ft high, with pits 18+18+12 ins. sep instructions for $\frac{1}{4}$ Sec. cor. along side of Road from which bears.

✓

N. 4 N. R. 12 E. G. & S. R. M.

chs

a Cottonwood 13 ins. dia. S. $30\frac{1}{2}^{\circ}$ W. 100 lbs dist

a Cottonwood 6 ins. dia. N. 57° W. 96 lbs dist

80.17 Cor. to Secs. 13, 14, 23 & 24.

Along river bottom some good
soil in bottom

Cottonwood & Willow.

North between sec. 13 & 14.

Var. $14^{\circ}10' E$.

0.50 Irrigating ditch course N.

2.90 Road ^{course} N.

3.50 Leave the Bottom.

5.40 Top of mesa.

4.00 Set Porphyry rock 12x12x4 ins. 9 ins.

in the ground, and build
mid of stones 8 ft high as per
instructions for 1/4 sec. cor.
from which bear

a Palo Verde 4 ins. dia. S. 80° W. 46 lbs dist.

T. 4 N. R. 12 E. G. & S. R. M.

- chs
- 57.00 Leave mesa & descend into little valley corner E of W.
- 63.00 Bottom of same.
- 69.00 Dry wash 100 yds wide course S. E.
- 80.00 Set a post marked & scratched 4 ft long 4 ins. sq. with marked stone, 12 ins. in the ground, & build mid of stone 2 ft high, as per instructions for cor. to Secs. 11, 12, 13 & 14. from which bears a Cottonwood 12 ins. dia. South 76 lbs dist. a Cottonwood 13 ins. dia. West. 90 lbs dist. S. end in bottom then on mesa Soil good then 2^d rate, Mesquite & Cottonwood trees. along Bottom.
-

East on random line bet. Secs. 12 & 13.
Var. $14^{\circ} 10' E$.

N. 4 N. R. 12. E. G. & S. R. M.

Chs

- 20.00 Leave little valley & ascend mesa.
- 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
- 80.08 Intersect E. B. of T_p. 18 lbs S. of cor. to Secs. 7. 12. 13 & 18.
from which I run.
S. $89^{\circ}52'$ W. on true line bet. Secs. 12 & 13.
Var. $14^{\circ}10'$ E.
- 40.04 Set Igneous rock $14 \times 10 \times 7$ ins. 10 ins. in the ground, and build mid of earth 2 ft high with pits $18 \times 18 \times 12$ ins. as per instruct ions for $\frac{1}{4}$ sec. cor.
- 80.08 Cor. to Secs. 11. 12. 13 & 14.
Ascending N & E. Soil poor.
No timber.

North between Secs. 11 & 12

Var. $14^{\circ}10'$ E.

BOOK 19

T. N. R. 12. E. G. & S. R. M.

chs

40.00

Set Greenstone rock 15 x 12 x 8 ins. 10 ins.
in the ground, & build end of
stone 2 ft high as per instruct.
ions for 1/4 Sec. cor. from
which bears.

a Mesquite bus. dia. S. 32° E. 3/4 lks dist.

62.00

Ascend ridge extending E of S.

80.00

Set Igneous rock 15.8 x 8 ins. 10 ins.

in the ground, and build end
of stone 2 ft high, ^{marked} with ~~stone~~ 12 ins.
in the ground, as per instructions
for. cor. to Secs. 1, 2, 11, & 12

Mostly in bottom of Rock Creek
summit E of S. some good
land.

Cottonwood & Mesquite trees, &
brush.

24/12 23

BOOK 19

T. 4 N. R. 12. E. G. & S. R. M.

chs

East on random line bet. Secs. 1 & 12.

Var. $14^{\circ} 10' E.$

40.00 Set temporary $\frac{1}{4}$ Sec. cor.

80.04 Intersect the E. B. of Tp. 21 lps S. of cor. to Secs. 1. 6. 7. & 12.

from which I run.

S. $89^{\circ} 51' W.$ on true line bet. Secs. 1 & 12.

Var. $14^{\circ} 10' E.$

40.02 Set Igueron rock. $12 + 9 + 6$ ins. 8 ins.

in the ground, and build mound of earth 2 ft high, with pits $18 + 18 + 12$ ins. as per instructions.

for $\frac{1}{4}$ Sec. cor.

80.04 cor. to Secs. 1. 2. 11 & 12.

Broken mesa land Soil 2^d rate
No timber.

North on true line bet. Secs. 1 & 2.

Var $14^{\circ} 10' E.$

N. 4 N. R. 12 E. G. & S. R. M.

chs

40.00 Set Porphyry rock $16 \times 10 \times 6$ ins. 11 ins.

in the ground, with marked stone,
and build end of stone 2 ft high
as per instructions for $\frac{1}{4}$ sec. cor.

80.56 Intersect 1st Standard N. 23.49 chs

N. of Standard Cor. to Secs. 35 & 36.

Set Igneous rock $12 \times 12 \times 10$ ins. gms.

in the ground, and build end
of stone 2 ft high, with marked
stone 12 ins. in the ground,
as per instructions for ^{closing} Cor. to
Secs. 1. 2.

over mesa. Soil 2^d rate

No timber.

The Cor. to Secs. 34 & 35. 2 & 3. on
the S. B. is not set owing to the
land being unsurveyable, or
from the Cor. to Secs. 25. 26. 35 & 36. ✓

BOOK. 19

S. 4 N. R. 12 E. G. & S. R. M.

chs

Iron.

Went on true line bet. Secs. 26 & 35.

Var. $14^{\circ} 10' E.$

4000 Set Porphyry rock $18 \times 12 \times 6$ ins. 12
ins. in the ground, and build
end of stone 2 ft high, as per
instructions for $1/4$ sec. cor.
from which bears.

~~a Mesquite 3 ins. dia. N. $40^{\circ} W$ 105 lbs dist.~~~~a Mesquite 5 ins. dia. N. $70^{\circ} E.$ 148 lbs dist.~~~~Set apart marked & staked
4 ft long 4 in sq. with marked
stone 12 ins in the ground,~~~~a Palo Verde 4 ins. dia. S. $85^{\circ} E.$ 122 lbs dist.~~~~a Palo Verde 5 ins. dia. S. $60^{\circ} E.$ 170 lbs dist.~~

8000 Set Porphyry ^{rock} $15 \times 8 \times 5$ ins. 10 ins. in
the ground and build end of stone
2 ft high, as per instructions for
Cor. to Secs. 26. 27. 34 & 35.
from which bears.

D. 4 N. R. 12. E. G. & S. R. M.

Ch

a Cedar 18 ins. dia. N. 84° W. 161 lks dist

a Palo verde 4 ins. dia. S. 65° W. 147 lks dist.

Sloping N. Soil 2^d rate

No timber, some brush.

May 3. 1881.

North between Secs 26 & 27.

Cor. 14° 10' E.

40.00 Set Porphyry rock 12+12+4 ins.
9 ins. in the ground, and build
mud of stone 2 ft high, as per inst.
sections for 1/4 Sec. cor.

a Mesquite 3 ins. dia. N. 40° W. 105 lks dist

a Mesquite 5 ins. dia. N. 70° E. 148 lks dist.

80.00 Set a post marked & notched 4 ft
long 4 ins. sq. with marked
stone 12 ins. in the ground, and
build mud of earth 2 ft high
with pits 18+18+12 ins. as per

T. 4 N. R. 12 E. G x S. R. M.

chs

instructions for cor. to Secs.

22, 23, 26 & 27, from which bears
a Palo Verde 4 ins. dia. S. 30° E. 110 lks dist
A Mesquite 8 ins. dia. S. 4° E. 224 lks dist.

Smooth scattering trees
Soil 2^d rate.

East on random line bet. Secs. 23 & 26.
Var. 14° 10' E.

40.00 Set temporary 1/4 Sec. cor.
79.87 Intersect the N x S. line 10 lks S.
of cor. to Secs. 23, 24, 25 & 26.
from which I run.

S 89° 56' W. on true line bet. Secs. 23 & 26.
Var 14° 10' E.

39.93 Set a post marked 1/4 S. 4 ft long
flattened 3 ins. wide, with
marked stone 12 ins. in the
ground, and build end of

T. 4 N. R. 12 E. G. & S. R. M.

chs

earth 2 ft high, with pits 18+18+12
ins. as per instructions for 1/4
Sec. cor. from which bears.

A Mesquite 3 ins. dia. N. 84° E. 65 lks dist.

A Mesquite 3 ins. dia. S. 48° E. 115 lks dist.

79.87 Cor. to Secs. 22, 23, 26 & 27.

Descending N. Soil 2^d rate
Scattering trees.

North between Secs. 22 & 23.

Var. 14° 10' E.

38.30 Road course E & W.

39.70 Irrigating ditch course W.

40.00 Set post marked 1/4 S. 4 ft long
flattened 3 ins. wide, with
marked stone, 12 ins. in the
ground, and build up of
stone 2 ft high as per instruct
ions for 1/4 Sec. cor.

BOOK 19

T. 4 N. R. 12. E. G. x S. R. M.

from which bears.

a. Mesquite 12 ins. dia. S. 14° E. 296 lbs dista Cottonwood 24 ins. dia. S. $88\frac{1}{2}^{\circ}$ E. 572 lbs distW. M. Gordons home br. S. 61° E. about 8 cho dist

64.70 Road bears E x W.

69.74 Left Bank of Salt River shallow curra W.

71.25 To right Bank

42.80 Bank 8 ft high x ascend.

75.20 Road runs E. x W.

80.00 Set a post marked x notched

4 ft long 4 ins. sq. with marked

stone 12 ins. in the ground, and

build mid of earth 2 ft high, with

pits 18 x 18 x 12 ins. also west

notions for cor. to Secs. 14, 15,

22 & 23. from which bears.

a Mesquite 14 ins. dia. East 142 lbs dist

a Mesquite 8 ins. dia. S. 44° E. 190 lbs dist.a Mesquite 6 ins. dia. S. $42\frac{1}{2}^{\circ}$ W. 165 lbs dist.

In Salt River bottom Soil

T. 4 N. R. 12. E. G. & S. R. M.

chs

rich. Mesquite trees, & brush.

East on random line bet. Secs 14 & 23.

Var. $14^{\circ} 10' E$.

- 19.50 Road course N. W & S. E.
- 22.00 Home of Moore & Safford 6 chs S.
- 24.90 Irrigating ditch, course S. W.
- 40.00 Set temporary $1/4$ sec. cor.
- 46.50 Road course N. W.
- 60.00 Irrigating ditch $3/4$ S of W.
- 80.08 Intersect the N & S. line 13 lks S. of cor. to Secs. 13, 14, 23 & 24. from which run
- 40.04 Set a post marked $1/4$ S. & ft long flattened 3 ins. wide, with marked stone 12 ins. over the ground, and build mid of earth 2 ft high with pits 18x18x12 ins. as per met. sections for $1/4$ sec. cor. from which bears.

of cor. to Secs. 13, 14, 23 & 24. from which run
 Var. $14^{\circ} 10' E$ on true line between Secs. 14 & 23. Var. $14^{\circ} 10' E$ on true line.

S. 4 N. R. 12. E. G. x S. R. M.

Chs

A Mesquite 8 ins. dia. S. $41\frac{1}{2}^{\circ}$ W. 128 lks dist

A Mesquite 6 ins. dia. N. 25° E. 54 lks dist.

This, along N. side of irrigating ditch
80.08 Cor. to Secs. 14, 15, 22 & 23.

Along Bottom Soil rich
Mesquit trees & brush.

North between Secs. 14 & 15,
Torr. $14^{\circ}10'E$.

19.40 Irrigating ditch course W.

20.00 Road along Salt River bottom
course E. & W.

40.00 Set a post marked $1\frac{1}{4}$ S. $4\frac{1}{2}$ ft long
wide, with marked 12 ins.
flattened 3 ins. on the ground, and
build up of earth 2 ft high, with
pits 18+18+12 ins. as per instructions
for $1\frac{1}{4}$ Sec. cor. from which bears.
a Mesquite 8 ins. dia. N. 80° E. 50 lks dist.

T. 4 N. R. 12 E. G. & S. R. M.

chs
80.00 Set Igneous rock 12+8+8 ins. 8 ins. in
the ground and build end of stone
2 ft high as per instructions for Cor.
to Secs. 10. 11. 14 & 15. from which bears
a meapoint 4 ins. dia. N. 45° W. 25 lks dist.
Somewhat broken Soil 2^d rate
No timber.

East on random line bet. Secs. 11 & 14.
Var. 14° 10' E.

40.00 Set temporary 1/4 Sec. cor.

65.00 Leave mesa and descend into
little valley course S. E.

79.94 Intersect the N & S. line 9 lks N.
of cor. to Secs. 11. 12. 13. & 14.
from which I run.

N. 89° 56' W. on true line bet. Secs. 11. & 14.
Var. 14° 10' E.

39.97 Set a post marked 1/4 S. 4 ft long ✓

N. 4 N. R. 12. E. G. & S. R. M.

chs

flattened 3 ins. wide, with marked
stone, 12 ins. in the ground, and build
mid of stone 2 ft high, as per inst.
direction for ^{1/4 sec.} cor.

79.94 Cor. to Secs. 10. 11. 14 & 15.

W. half in Bottom then on
Mesa, Rich soil in bottom
No timber.

x

North between Secs. 10 & 11.

Var. 14° 10' E.

- 7.00 Leave Salt River Bottom
31.00 Ascend steep slope
40.00 Set Granite rock 20 x 20 x 8 ins
15 ins. in the ground, and
build mid of stone 2 ft high,
with marked stone 12 ins in
the ground, as per instructions
for 1/4 sec cor.

S. 4 h. R. 12 E. G & S. R. M.

Chs

50.00

Top of slope & enter high table land

80.00

Set a granite stone 12x10x8 ins. 8 ins. in the ground, and build up of stone 2 ft high, with ~~corroded~~ stone 12 ins. in the ground, as per instructions for Cor. to Secs.

2, 3, 10, & 11.

Some broken, Soil good on S. end, No timber.

East on random line bet. Secs. 2 & 11.

Var. $14^{\circ} 10' E$.

35.00

Descend into valley of Rock Creek

40.00

Set temporary $1/4$ Sec. cor.

50.00

Wash 50 lbs wide course S. E.

79.87

Intersect N. & S. line 22 lbs N. of cor. to Secs. 1, 2 & 11, & 12.

from which I run

N. $89^{\circ} 51' W$. on true line bet. Secs. 2 & 11. ✓

T. 4 N. R. 12. E. G & S. R. M.

Chs

Var. $14^{\circ} 10' E$.

39.93 Set Igneous rock $15 \times 10 \times 5$ ins. 10
ins. in the ground, and build end
of earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. as per instructions,
for $1/4$ Sec. cor.

49.87 Cor. to Secs. 2, 3, 10 & 11.
Broken Soil poor.
November.

North on true line bet. Secs. 2 & 3.

Var. $14^{\circ} 10' E$.

40.00 Set granite rock $13 \times 9 \times 5$ ins. 9 ins.
in the ground, and build end
of stone 2 ft high, with marked
above 12 ins. in the ground,
as per instructions for $1/4$ Sec. cor.

47.50 Descend into Little valley corner S. E.

78.50 Bottom

T. 4 N. R. 12 E. G. & S. R. M.

chs

80.19

Intersect 1st Standard N. 23. 27 chs
N. of Standard cor. to Secs. 34 & 35.
Set granite stone 14 x 6 x 6 ins. 10 ins.
in the ground, and build mid
of stone 2 ft high, as per instruction
for closing cor. from which bears
a bearing 8 in. dia. S. 50° E. 370 lbs dist.
Mostly smooth sloping S. E.
Soil 2^d rate No timber.

The Cor. to Secs 33 & 34 on S. B.
of T. P. is not set owing to the
land being worthless & unsur-
veyable, so from the cor. to Secs.
26. 27. 34 & 35 1st m.

West on true line bet. Secs 27 & 34.
Var. 14° 10' E.

40.00

Set granite stone 13 x 9 x 6 ins. 9
ins. in the ground, and build

S. 4 N. R. 12 E. G. & S. R. M.

Obs

mid of earth 2 ft high, with
pits 18 x 18 x 12 ins. as per inst.
suctions for 1/4 sec. cor.

8000 Set a granite stone 12 x 10 x 6 ins.

8 ins. in the ground, and build
mid of earth 2 ft high, with
pits 18 x 18 x 12 ins. as per inst.
suctions for. Cor. to Secs. 27.28
33 x 34.

Some broken & shilly, Soil poor.
Not winter, some brush.

North between Secs. 27 & 28.

Var. 14° 10' E.

4000 Set a granite ^{rock} 11 x 8 x 7 ins. 8 ins.
in the ground, and build mid
of earth 2 ft high with pits
18 x 18 x 12 ins. as per inst. inst.
ins for 1/4 sec. cor.

T. 4h. R 12 E. G & S. R. M.

Chs
80.00

Set a granite 12 x 10 x 8 ins. 8 ins.
in. the ground, and build
rod of stone 2 ft high, as per
instructions for cor. to Secs.
21, 22, 27 & 28. From which bears
a palo verde bias. dia. N. 45° E. 115 lks dist.
Broken some uneven.
Soil 2^d rate
No timber.

East on random line bet. Secs. 22 & 27

Var. 14° 10' E.

- 2.00 Guleh 20 lks wide course N. W.
23.00 Dry wash 250 lks wide course N. E.
40.00 Set temporary 1/4 sec. cor.
80.12 Intersect N. & S. line 5 lks S. of
cor. to Secs. 22, 23, 26 & 27
from which I run.
S. 89° 58' W. on true line bet. Secs. 22 & 27.

BOOK 19

S. 4 N. R. 12 E. G. & S. R. M.

Var. $14^{\circ} 10' E.$

4.006 Set a granite well $12 \times 12 \times 12$ ins.
8 ins. in the ground, and build
wid of stone 2 ft high, as per
instructions for 44 Sec. cor.
from which bears.

A Mesquite 10 ins. dia. S. $75^{\circ} E.$ 321 lps dist.

80.02 Cor. to Secs. 21, 22, 27 & 28
along S. side of Salt River bottom
Soil 2^d rate
Scattering trees.
May 4, 1881.

North between Secs. 21. & 22.

Var. $14^{\circ} 11' East$

As per observation with solar compass.
This makes an angle of $1'$ with
line last run.

1.50 Dry Gulch 50 lps wide course N. W.
15.00 Dry Wash 20 lps wide course E.

N. 4 h. R. 12 E. G & S. R. M.

- | | |
|-------|--|
| chs | |
| 28.00 | Descend |
| 39.30 | Bottom descent & flat. |
| 40.00 | Set volcanic rock 15 x 12 x 3 ins.
10 ins. in the ground, and build
mid of stone 2 ft high, as per
instructions for 1/4 sec. cor.
from which bears.
A Mesquite 4 ins. dia. N. 53° W. 110 lbs dist
A Mesquite 5 ins. dia. S. 27° E. 178 lbs dist. |
| 53.00 | Descend from bench of mesa. |
| 61.75 | To edge of second bench and
the left bank of channel of
Salt River. Water shallow.
measure across. |
| 64.50 | To right bank of this channel |
| 71.70 | Left bank 2 ^d . channel course N.
measure across. |
| 72.73 | Right Bank |
| 80.00 | Set apart marked & notched
4 ft long, 4 ins. sq. with marked |

N 4 N. R 12 E. G. & S. R. M.

chs

stone. 12 ins. in the ground, and
 build end of earth 2 ft high,
 with pits 18 x 18 x 12 ins.
 as per instructions for Cor.
 to Secs. 15, 16, 21 & 22,
 from which bears.

a Cottonwood 8 ins. dia. N. 44° W. 70 lbs dist

a Cottonwood 7 ins. dia. S. 43° E. 187 lbs dist

a Cottonwood 9 ins. dia. N. 80 1/2° E. 189 lbs dist

a Cottonwood 10 ins. dia. S. 24° W. 160 lbs dist.

In river bottom some good
 soil, scattering trees.

East on random line bet. Secs. 15 & 22

Cor. 14° 11' E.

35.40 To right bank off Salt River course S. W.

a home br. N. 60° W. 5 chs. dist.

Water shallow measure across.

37.90 to left Bank

T. 4 N. R. 12 E. G & S. R. M.

chs

40.00

Set temporary $\frac{1}{4}$ Sec. cor.

61.53

Intersect left Bank of Salt
River curve N of W.

Water shallow, measure
across

67.90

Right Bank.

79.89

Intersect N. & S. line 7 lks S.
of cor. to Secs 14, 15, 22, & 23.
from which I run

S $89^{\circ} 57'$ W. on true line bet. Secs. 15 & 22
Var. $14^{\circ} 11'$ E.

39.94

Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins wide with marked
stone 12 ins in the ground
and build end of stone 2 ft
high as per instructions for
 $\frac{1}{4}$ sec cor. from which bears
A Willow 5 tus. dia. N. 6° W. 94 lks dist
B Willow 5 tus. dia West 102 lks dist

chs

79.89 Con to Secs. 15, 16, 21 & 22.
Along Salt River Bottom
good soil.
Cottonwood & Willow
& brush.

N. 4th. R. 12 E. G. & S. R. M.

chs

North bet. Secs. 15 & 16.

Var. $14^{\circ} 18' E.$

40.00 Set post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. on the ground,
and build end of earth 2 ft high,
with pits $18 \times 18 \times 12$ ins. as per
instructions for $\frac{1}{4}$ sec. cor.
from which bears.

a Mesquite 4 ins. dia. $9.8^{\circ} E.$ 238 lbs dist

a Mesquite 4 ins. dia. $h. 19 \frac{1}{2} W.$ 260 lbs dist

55.70 Road course N. W.

80.00 Set post marked & notched,
4 ft long 4 ins. sq. with marked
stone 12 ins. on the ground, and
build end of earth 2 ft high, with
pits $18 \times 18 \times 12$ ins. as per instruct
ions for. Cor. to Secs. 9, 10, 15 & 16.
Flat Rich bottom land
Scattering trees.

N. 4 N. R. 12 E. G. & S. R. M.

chs

East on random line bet. Secs. 10. & 15.

Var. $14^{\circ} 11' E$

40.00 Set temporary $\frac{1}{4}$ sec. cor.

80.06 Intersect N & S. line 17 lks S. of
cor. to Secs. 10. 11. 14 & 15. from
which I run.

S. $89^{\circ} 53' W.$ on true line bet. Secs 10 & 15.

Var. $14^{\circ} 11' E.$

40.03 Set post marked $\frac{1}{4}$ S. 4 ft long
4 ins. sq. with marked chum, 12 ins.
on the ground, and build up
of earth. 2 ft high, with pits 18 x
18 x 12 ins. as per instructions.

for $\frac{1}{4}$ sec. cor. from which bear.

A mesquite 4 ins. dia. N. $80^{\circ} W.$ 154 lks dist

A mesquite 3 ins. dia. S. $16^{\circ} W.$ 129 lks dist.

80.06 Cor. to Secs. 9. 10. 15 & 16.

Flat good soil

Scattering trees & brush

N. 4 N. R. 12 E. G & S. R. M.

chs

North between Secs. 9 & 10.

Var. $14^{\circ} 11' E$.

4000 Set Igneous rock $14 \times 11 \times 5$ ins. 10 ins.
in the ground, and build up
of earth 2 ft high, with pits.
 $18 \times 18 \times 12$ ins. as per instructions.
for $1/4$ Sec. cor.

8000 Set Igneous rock $15 \times 9 \times 5$ ins. 10 ins.
in the ground, and build up
of earth 2 ft high, with pits.
 $18 \times 18 \times 12$ ins. as per instructions.
for cor. to Secs. 3, 4, 9 & 10.

Ascend N. Soil good & 2^d rate
No timber.

East on random line bet. Secs. 3 & 10.

Var. $14^{\circ} 11' E$.

4000 Set temporary $1/4$ Sec. cor.

80.11 Intersect the N & S line 18 lps. ✓

BOOK 19

T. 4 N. R. 12 E. G. & S. R. M.

chs

of cor. to Secs. 2, 3, 10, & 11. from
which I run.S. $89^{\circ} 52'$ W. on true line bet. Secs. 3 & 10
Var. $14^{\circ} 11'$ E.40.05 Set Igneous rock $12 \times 9 \times 6$ ins. 8 ins.
in the ground, and build end
of earth 2 ft high, with pits $18 \times 18 \times 12$
ins. as per instructions for $1/4$ Sec. Cor.

80.11 Cor. to Secs. 3, 4, 9, & 10.

Presa land, Soil 2^d rate
No timber.North on true line bet. Secs. 3 & 4.
Var. $14^{\circ} 11'$ E.40.00 Set Igneous rock $13 \times 9 \times 6$ ins. 9 ins.
in the ground, and build end
of earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. as per inst
ructions for $1/4$ Sec. cor.

S. 4 N. R. 12 E. G. & S. R. M.

chs
79.90

Intersect 1st Standard N.
23.35 chs. W. of Stand. Cor.
to Secs. 33 & 34. T. 5 N. R. 12 E.
Get Igneous rock 15710 x 8 ins.
10 ins. in the ground, and build
rod of stone, 2 ft high, with
~~marked~~ ~~rod~~ ~~12~~ ins. in the
ground, as per instructions for
closing cor.

Mesa land Soil 2^d rate
No timber some brush.

The land to the S. & W. of the
cor. to Secs. 27. 28. 33 & 34,
is utterly barren & worthless,
and not surveyable as from
the Cor. to Secs. 21. 22. 27 & 28.
Iron.

Nest on true line bet. Secs. 21 & 28

T. 4 N. R. 12 E. G x S. R. M.

chs

Var. $14^{\circ} 11' E.$

40.00 Set Igneous rock $13 \times 9 \times 6$ ins. 9 ins.
in the ground, and build end
of earth 2 ft high, with pits $18 \times$
 18×12 ins. as per instructions.
for $\frac{1}{4}$ sec. cor.

80.00 Set Igneous rock $12 \times 8 \times 7$ ins. 8
ins. in the ground, and build end
of earth 2 ft high, with pits $18 \times 18 \times 12$
ins. as per instructions for Cor.
to Secs. 20, 21, 28, & 29,
Ascending W. Soil 2^d rate
No timber.

North between Secs. 20 & 21.

Var. $14^{\circ} 11' E.$

40.00 Set Feldspathic rock $12 \times 10 \times 8$ ins.
8 ins. in the ground, and build
end of earth 2 ft high,

S. 4 N. R. 12 E. G. & S. R. M.

- dus
 with pits 18+18+12 ins. as per
 instructions, for $\frac{1}{4}$ sec. cor.
 57.00 Descend to table land
 60.50 Left Bank of Salt River course N. W.
 measure across.
 62.00 to Right Bank
 68.70 Home br. S. E. 65° about 300 yds dist.
 70.20 Road br N. W. & S. E.
 80.00 Set a post marked & notched
 4 ft long 4 ins. sq. with marked
 stone 12 ins. in the ground, and
 build end of stone 2 ft high.
 as per instructions for Cor. to Secs.
 16. 17. 20. & 21. from which br.
 a Palo Verde 4 ins. dia. N. 15° E. 92 lbs dist
 Descend N. to river. & then crosses
 River, Good soil along river.
 Scattering trees.

N. 4 N. R 12 E. G x S. R. M.

chs

East on random line bet. Secs. 16 & 21.

Var. $14^{\circ} 11' E$.

29.00 Dry Wash.

40.00 Set temporary $\frac{1}{4}$ Sec. cor.

55.40 Descend towards bottom.

80.05 Intersect N & S. line 16 lks N.
of cor. to Secs. 15. 16. 21 & 22,
from which I run.

N. $89^{\circ} 53' W$. on true line bet. Secs. 16 & 21.

Var. $14^{\circ} 11' E$.

40.02 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, and build
mid of stone 2 ft high, as per inst.
instructions for $\frac{1}{4}$ Sec. cor. from
which bears.

a Palo verde 4 ins. dia. East 100 lks dist

a Palo verde 5 ins. dia. N. $8^{\circ} E$. 41 lks dist.

80.05 Cor. to Secs. 16. 17. 20. & 21.

Mostly on high mesa

T. 4 N. R. 12 E. G & S. R. M.

cks

E. end in bottom good soil.
No timber, some scattering
trees.

North between Secs. 16 & 17.

Var. 14° 11' E.

- 22.80 Dry Wash 10 lps wide course S. W.
- 32.40 Dry Wash 12 lps wide course S. W.
- 40.00 Set a post marked 1/4 S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, and
build end of earth 2 ft high, with
pits 18 + 18 + 12 ins. as per instrumt
corr. for 1/4 sec. corr. from which
bear.
- a Palo Verde 9 ins. dia. N. 60° W. 9 1/2 lps dist
- a Palo Verde 6 ins. dia N. 75° E. 62 lps dist.
- 80.00 Set a post marked & notched, 4 ft
long 4 ins. sq. with marked stone

T. 4 N. R. 12 E. G. & S. R. M.

Chs

12 ins. in the ground, and built
 m.d. of stone 2ft high, as per
 instructions for cor. to Secs.

8, 9, 16 & 17, along little gulch
 course S of N.

over mesa & slopes.

Soil 2^d rate

No timber.

East on random line bet Secs. 9 & 16.

Var. $14^{\circ} 11' E$.

15.50 Road course N. W.

40.00 Set temporary $1/4$ Sec. cor.

42.00 Descend into Bottom.

79.91 Intersect the N & S. line 14 lks S.
 of cor. to Secs. 9, 10, 15, & 16.

from which I run.

S. $89^{\circ} 54' W$. on true line bet. Secs. 9 & 16.

Var. $14^{\circ} 11' E$.

S. 4 N. R 12 E. G. + S. R. M.

cho
39.95 Set Igneous rock 14 + 9 + 7 ins. 10 ins.
in the ground, and build end of
earth 2 ft high, with pits 18 + 18 + 12
ins. as per instructions for 1/4 Sec
Cor.

49.91 Cor. to Secs. 8. 9. 16 + 17.

Broken on West. Good soil
on East side, No timber.

May 5. 1881

North between Secs. 8 + 9.

Var. 14° 11 E.

15.00 Road course N. W.

40.00 Set Igneous rock 11 x 10 x 5 ins. 8 ins.
in the ground, and build end
of earth 2 ft high, with pits
18 + 18 + 12 ins. as per instructions
for 1/4 Sec. Cor.

80.00 Set Igneous rock. 13 + 9 + 6 ins. ✓

N. 4 N. R. 12 E. G & S. R. M.

chs

gives in the ground, and build
 mid of earth 2 ft high, with
 pits 18 x 18 x 12 ins. as per inst.
 sections for Cor. to Secs. 4, 5, 8 & 9.
 Mesa land Soil 2^d rate
 No timber.

East on random line bet. Secs 4 & 9.

Var. $14^{\circ} 11' E$.

4000 Set temporary $1/4$ Sec. Cor.
 † 79.80 Intersect the N & S. line 6 lps S.
 of cor. to Secs. 3, 4, 9 & 10.
 from which I run.

S. $89^{\circ} 57' W$. on true line bet. Secs. 4 & 9.

Var. $14^{\circ} 11' E$.

39.94 Set 2 querns rock 12 x 9 x 7 ins. 8 ins.
 in the ground, and build mid
 of earth 2 ft high, with pits
 18 x 18 x 12 ins. as per instruct.

T. 4 N. R. 12. E. G x S. R. M.

cho

ions for $\frac{1}{4}$ Sec. cor.

79.88 Cor. to Secs. 4, 5, 8 & 9.

Mesa land Soil 2^d date
No timber.

North on true line bet. Secs 4 & 5.

Var. $14^{\circ} 11' E$.40.00 Set Igueron rock $16 \times 8 \times 7$ ins.12 ins. in the ground, and
build end of earth, 2 ft high
with pits $18 \times 18 \times 12$ ins. as per
instructions for $\frac{1}{4}$ sec. cor.79.84 Intersect 1st Standard N.23. 29 chs N. of Stand. Cor.
to Secs. 32 & 33. T. 5 N. R. 12 E.Set Igueron rock $12 \times 8 \times 8$ ins. 8 ins.
in the ground, and build end
of stone 2 ft high, as per in-
structions for closing Cor. ✓

BOOK 19

T. 4 N. R. 12 E. G. & S. R. M.

chs

from which bears.

a mesquite 10 ins. dia. h. 25° E. 212 lbs dist.

Mesa land soil 2^d rate
no timber.

To the N. & S. of Cor. to Secs. 20 & 21.
28 & 29. the land is not surveyable
so from cor. to Secs. 16, 17, 20 & 21.
Imm. N. on true line bet. Secs. 17 & 20.
Var. 14° 11' E.

- 4.00 Ridge extending S. & descend,
into River bottom.
- 29.46 Road mus. N. of W.
- 39.75 Descend Bank.
- 40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, and
knill end of earth 2 ft high,
with pits 18 + 18 + 12 ins. as pr

S. 4 N. R. 12 E. G & S. R. M.

Chs

instructions for $1/4$ sec. cor.
from which bears.

a Cottonwood 6 ins. dia. S. 8° W. 52 lbs dist

a Cottonwood 12 ins. dia. N. $28\frac{1}{2}^{\circ}$ W. 275 lbs dist.

43.00 Road course S. W.

46.30 Sonto Creek course S. 100 lbs wide
join. Salt River. 10 chs S.

50.00 Same road N. of W.

80.00 Set post marked & notched,
4 ft long 4 ins. sq. with marked
stone, 12 ins. in the ground, and
build end of earth 2 ft high,
with pits 18 + 18 + 12 ins. as per
instructions for cor. to Secs.
17. 18. 19. & 20. from which bears

a Cottonwood 24 ins. dia. N. $22\frac{1}{2}^{\circ}$ W. 34 lbs dist

a Cottonwood 30 ins. dia. N. 59° W. 236 lbs dist

a Cottonwood 30 ins. dia. S. 31° W. 247 lbs dist.

An Elder 8 ins. dia. S. $72\frac{1}{2}^{\circ}$ E. 138 lbs dist.

Mostly in Bottom good Soil. ✓

N. 4 N. R. 12 E. G. & S. R. M.

chs

Scattering trees.

West on true line bet. Secs. 18 & 19.
 Var. $14^{\circ} 11' E$.

20.00 Rise out of bottom & ascend
 steep slope of mountain, a horse
 5.00 chs N.

40.00 Set blue rock $12 \times 10 \times 8$ ins. 8 ins in the
 ground, and build end of earth
 $2\frac{1}{2}$ ft high, with pits $18 \times 18 \times 12$
 ins. as per instructions for
 $\frac{1}{4}$ Sec. Cor. on steep slope
 Further W. the line lies on
 the Mazatzal Mts. the land
 is worthless and unsurveyable.

South on true line bet. Secs. 19 & 20
 Var. $14^{\circ} 11' E$.

BOOK 19

T. 4 N. R. 12 E. G & S. R. M.

Chs
9.00 Commence steep ascend of Mt. W side.

40.00 Set a bluish rock 13x10x8 ins. 9 ins. in the ground, and build end of earth 2 ft high, with pits 18x18 + 12 ins. as per instructions for 1/4 sec. Cor. on steep E. slope. Further S. the line lies on the Mesq at Mts. and immediately crosses precipitous Cañon of Salt River, the land is worthless and not surveyable.

North between Secs. 17 & 18.

Var. $14^{\circ} 11' E.$

9.70 Fence came N. of E.

10.00 Road, ^{course} E & W.

26.60 Road, ^{course} N. W.

40.00 Set a post marked 1/4 S. 4 ft long ✓

N. 4 N. R 12 E. G & S. R. M.

chs

flattened 3 ins. wide, with
marked stone, 12 ins. in the ground,
and build end of earth 2 ft
high, with pits 18 x 18 x 12 ins.
as per instructions for 1/4 Sec. cor.
from which bears.

A Cottonwood 16 ins. dia. N. 85° E. 73 lbs dist

A Cottonwood 24 ins. dia. S. 44° W. 134 lbs dist.

58.00 Pointe Creek 30 lbs wide course S. E.

63.00 Ascend Bank course S. E. & leave
Bottom.

80.00 Set Igneous rock 15 x 12 x 6 ins. 10 ins.
in the ground and build end of
stone 2 ft high as per instructions
for cor. to Secs. 7. 8. 17 x 18
from which bears.

A Mesquite 3 ins. dia. N. 30° W. 77 lbs dist

A Mesquite 4 ins. dia. S. 54° E. 134 lbs dist

A Mesquite 5 ins. dia. S. 16° W. 134 lbs dist.

Mostly in bottom Rich Soil

T. 4 N. R. 12 E. G x S. R. M.

chs

considerable timber, cottonwood
& Mesquite & brush.

East on random line bet. Secs. 8 & 17
Var. $14^{\circ}11'E$.

- 40.00 Set temporary $1/4$ Sec. cor.
- 52.00 Ascend to top of Bluff Bank
- 79.86 Intersect the N x S. line 11 lks S.
of Cor. to Secs. 8, 9, 16, & 17,
from which Down.

$S. 89^{\circ}55'W$ on true line bet. Secs. 8 & 17.
Var. $14^{\circ}11'E$.

- 39.93 Set volcanic rock $12 \times 7 \times 6$ ins.
8 ins. in the ground, and build
up of earth 2 ft high, with
pits $18 \times 18 \times 12$ ins. as per inst.
directions for $1/4$ Sec. cor.

79.86 Cor. to Secs. 7, 8, 17, & 18.
Broken Soil poor



S. 4 N. R 12. E. G & S. R. M.

Chs

No timber.

Went on random line bet. Secs. 7 & 18.
Var. $14^{\circ} 11' E$.

- 7.00 Leave mesa & descend into Bottoms
12.00 To the creek 100 lbs wide course S. E.
39.04 Acequia course S. E.
40.00 Set temporary $1/4$ Sec. cor.
44.16 Road course S. E.
57.00 Top of mesa course N. W.
78.06 Intersect the N. B. of T₁₂ lbs
S. of cor. to Secs. 7 & 18. 12 & X3
from which I run.
S. $89^{\circ} 55' E$. on true line bet. Secs. 7 & 18
Var. $14^{\circ} 11' E$.
- 38.06 Set a post marked $1/4$ S. 4 ft
long, flattened 3 ins. wide, with
marked stone 12 ins. in the
ground, and build up

T. 4 N. R. 12 E. G & S. R. M.

chs

of earth 2 ft high, with pits
18 x 18 x 12 ins. as per instruct
ions for 1/4 sec. cor. from
which bears.

An Ash 6 ins. dia. N. 60° W. 184 lbs dist
An Ash 3 ins. dia. S. 76° W. 125 lbs dist.
A Ranch house br S. 2 1/2° E. about 20
chs dist.

Another home br. N 23 3/4° E. about 16 chs dist.

78.06 Cor. to Secs. 7, 8, 17 & 18.

Land along Porto Creek good
Some timber along Creek.

North between Secs. 7 & 8,
Var. 14° 11' E.

40.00 Set Igneous rock 13 x 8 x 7 ins.
gins. in the ground, and build
mid of stone 2 ft high, as per inst.
rections for 1/4 sec. cor. ✓

BOOK 19

S. 4 N. R 12 E. G. & S. R. M.

chs

from which bears.

A Mesquite 4 ins. dia. N. 38° E. 89 lks dist.

A Mesquite 5 ins. dia. East 205 lks dist.

80.00 Set Igneous rock $12 \times 8 \times 6$ ins. 8
ins. in the ground, and build
mid of stone, 2 ft high, with
marked stone 12 ins. in the
ground, as per instructions for
Cor. to Secs. 5, 6, 7, & 8.

Mesa land Soil 2^d rate
No timber.

East on random line bet. Secs 5 & 8.

N. $14^{\circ} 11'$ E.

40.00 Set temporary $1/4$ Sec. cor.

80.05 Intersect the N. & S line 15 lks
N. of cor. to Secs. 4, 5, 8 & 9,
from which I run.

N. $89^{\circ} 54' 9''$ on true line bet. Secs. 5 & 8

BOOK 19

T. 4 N. R. 12 E. G. & S. R. M.

Chs

Var. 14° 11' E.

40.02 Set Igneous rock 13x10x6 in. 9
ins. in the ground, and build
mid of earth 2 1/4 high, with pits
18x18x12 in. as per instructions
for 1/4 sec. cor.

80.05 Cor. to Secs. 5, 6, 7, & 8.

Mesa land Soil 2^d rate
No timber.

West on random line bet. Secs. 6 & 7

Var. 14° 11' E.

6.30 Road course E of S.

40.00 Set temporary 1/4 Sec. cor.

66.50 Enter Bottom.

69.22 Road course W. of N.

78.04 Intersect W. B. of Sp. 5 lbs N.
of cor. to Secs. 6 & 7, 1 & 12.
from which I run.

V

BOOK 19

N. 4 N. R 12 E. G x S. R. M.

chs

N. $89^{\circ}58'$ E. on true line bet. Secs. 6 & 7
 Var. $14^{\circ}11'$ E.

38.04 Set a granite stone $14 \times 10 \times 7$ ins.
 10 ins. in the ground, & build
 end of stone 2 ft high, as per
 instructions for 1/4 Sec. cor.
 from which bears.

Almesquite 4 ins. dia. 2.19° E. 175 lbs dist.

Almesquite 6 ins. dia. 5.88° W. 211 lbs dist.

78.04 cor. to Secs. 5, 6, 7, & 8.

Mostly on Mesa Flat

Soil 2^d rate

No timber.

North on true line bet. Secs 5 & 6
 Var. $14^{\circ}11'$ E.

40.00 Set Igneous rock $14 \times 11 \times 5$ ins. 10
 ins. in the ground, and build end
 of earth 2 ft high, with pits

T. 4 N. R. 12 E. G. & S. R. M.

chs

18 + 18 + 12 ins. as per instructions
for 1/4 sec. cor.

80.14 Intersect 1st Standard N. 23.32 chs
N. of Standard Cor. to Secs. 31 & 32.

1.5 N. 19 1/2 E

Set igneous rock 18 + 8 + 8. ins. 12 ins.
in the ground, and build end
of earth 2 ft high, with pits
18 + 18 + 12 ins. as per instructions
for closing cor. from which bears.

a Mesquite 4 ins. dia. N. 16° W. 220 lbs dist.

a Mesquite 8 ins. dia. N. 79 1/2° W. 240 lbs dist.

Mesa land Soil 2^d rate

No timber, ^{some} Scattering trees.

May 6. 1888.

General Description.

Township 4 N. R. 12 E. lies along Salt River and Tonto Creek valleys. The junction of Tonto Creek with Salt River occurs in Sec. 20.

There is considerable good land along the bottoms of both streams, and farming operations are carried on along both streams.

Outside of the bottoms the portion of the township which is surveyed is mesa land, with soil of 2^d. rate quality.

The S. W. portion of the township which is not surveyed is on the rocky barrenslopes of the Mazatzal Range of Mountains, and is worth

less.

Theodore J. White
U. S. Deputy Surveyor.

List of Names.

A List of the Names of Individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing Field Notes of the survey of

the subdivision lines of Fractional T. 4 N. R. 12 E. and the subdivision lines of Fractional T. 4 N. R. 11 E. all of the Gila and Salt River Meridian and Base lines

Showing the respective capacities in which they acted.

Richard Shrope	Chainman.
Samuel R. Van Pelt	Chainman.
Frank Carpenter	Axeman.
C. H. Patchett	Flagman.
William Morrison	Woundman

Final Oath of Assistants.

We hereby certify that we assisted Theodore
J. White U. S. Deputy Surveyor, in surveying
 the subdivision lines of
 Fractional T_p. 4 N. R. 12 E.
 and the subdivision lines of
 T_p. 4 N. R. 11 E. (Fractional)
 all of the Ida & Salt River Merid-
 ian and Base lines.

and that said Survey has been in all respects, to the best of our
 knowledge and belief, well and faithfully executed, and the
 boundary monuments planted according to the instructions
 furnished by the Surveyor-General.

Richard Shreve Chairman.

Samuel Brandt Chairman.

Frank Carpenter Axeman.

Chas. Patchett Flagman.

William Morrison

Sworn to and subscribed before me, this 8th

day of September 1881

William B. Shaw
 Notary Public
 Pima Co. Ariz.

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surveys, the surveying manual, and such additional instructions as have been furnished me by and through the said Surveyor-General relating to the aforesaid Survey; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true, and correct returns of the said Surveys.

Theodore S. White
U. S. Deputy Surveyor

Subscribed and sworn to before me this

day of September 1881

William J. Osburn
Notary Public
Pima Co. A.T.



I, Thos. S. White

United States Deputy Surveyor, do solemnly swear that I have, in my own proper person and with the necessary assistants, well, truly and faithfully executed the survey of

the subdivision lines of Tract
Township 4 N., Range 12 E. and
the subdivision lines of Tract
Township 4 N., Range 11 E. All of the
Gila and Salt River Meridian
and Base lines

under my contract with John Wasson, United States Surveyor General for Arizona, bearing date the 27th day of August 1881; that in making the said Survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in the preservation of adjustments of the same; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle; that I have in all respects complied with the laws of the United States governing public-land

U. S. Surveyor General's Office,

TUCSON, ARIZONA, Dec 14 - 1881

*The foregoing Field Notes of the Survey of the**Subdivisions of Tril Tpo. 4
St. R. 11 and 12 East -**Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by Jhes: F. White**Deputy Surveyor, under his contract of the 27th
day of August, 1880, having been**critically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe
are hereby approved.**John Masson.*
Surveyor General.