

No 95 BOOK 95 p.1

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

-OF-

Township *11 N* Range *24 E*

Gila and Salt River Base and Meridian

ARIZONA.

By *O. D. Wheeler* D. S.

under contract dated *May 31 1882*

Survey commenced *Aug 8 - 1882*

Survey completed *Aug 10 - 1882*

95

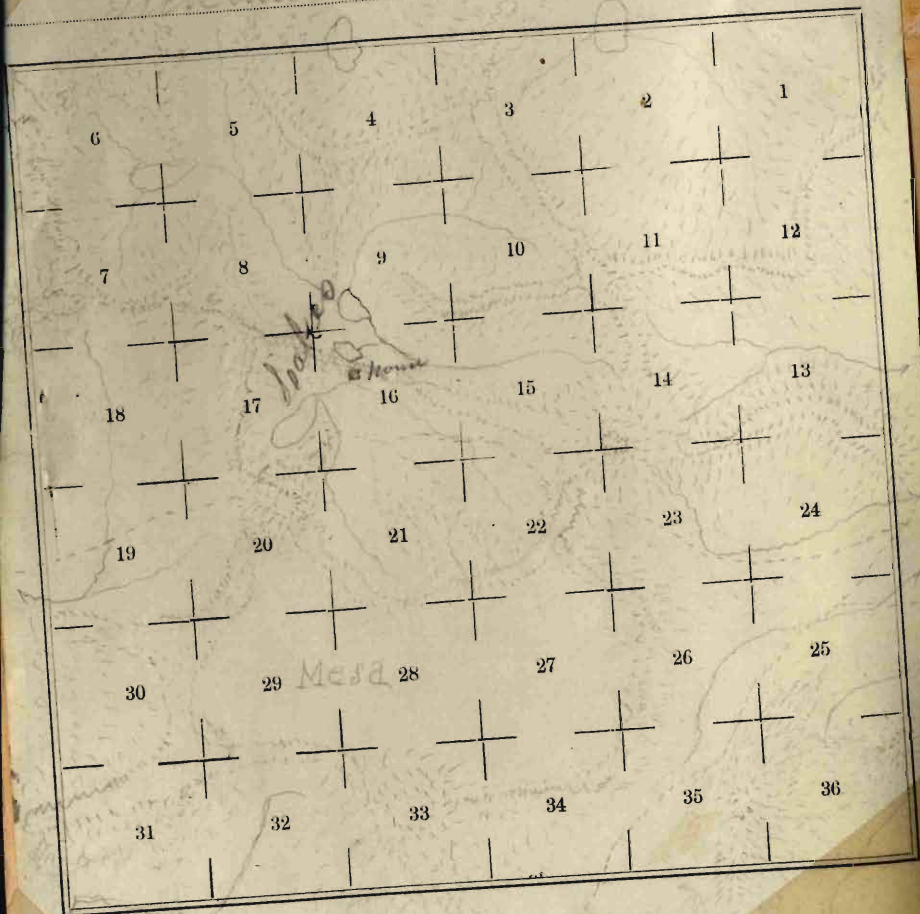
No 95

1A

BOOK 95

Township 11 North Range 24 East M.

and Lake river meridian



No-95

Subdivisions N. H.
R. 24. C.

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Township *11 North*, Range *24 East*,

Gila and Salt River Meridian.

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Referring the lines to the pages of the field notes.

No-95

Subdivisions T. 11 N. R. 24 E.

Gila & Salt River Meridian

chain

Survey commenced Aug. 8, 1882. with a Bunt's Patent Improved Solar Compass nearly new, and in first rate order, made by Otto Permel of Cassel in Germany in 1881.

From the Cor. to Secs. 1, 2, 3, 5 & 36. on South Boundary of Township which is a Basalt stone marked with 1 notch on E. & 5 notches on W. edges, with mound of stone along side.

S. 11 N. R. 24 E.

chains

Thence I run north bet.
Secs. 35 & 36.

Var. $12^{\circ} 30' E.$
upr observation with solar compass
Ascend

39.00 To top of spur br N. $74^{\circ} E.$ descend

40.00 Set a Basalt stone 18+10+6 ins.
12 ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
W. face dug pit 18+18+12
ins. W. of stone $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base along side.

80.00 Set a Post 4 ft. long 4 ins.
sq. with marked stone 12
ins. in the ground for
cor. to Secs. 25, 26, 35 & 36
marked

S. 11 N. R. 24 E.

chains

S. 11 N. S. 25 on N. E.

R. 24 E. S. 36 on S. E.

S. 35 on S. W. and

S. 26 on N. W. faces, with
notch on E. S. edges, dug
pits 18 x 18 x 12 ins. in each
sec. 5 1/2 ft. dist. and raised
a mound of earth 2 ft. high
4 1/2 ft. base around post.

Land Rolling.

Good grazing.

Soil 2nd rate.

East on a random line
bet. Secs 25 & 36

Var. 13° 15' E.

ascend

S. 11 N. R. 24 E.

Chain

13.00

Top of Spur bn N. 30° E & S. 30° W.
descend

40.00

Set temporary 1/4 Sec. Cor.

40.32

cross Wash 15 lbs wide,
bn N. 14° E. Ascend

79.90

Intersect E. By of Sp. 12 lbs
South of Cor. W Sec. 25-30.3/1-36
which is a Limestone
properly marked with 5
notches on N. & 1 notch on
S. edges, with bearing
trees. properly marked
in each Sec.

Thence from S. 89° 55' W.
on a true line bet. Secs.

25 & 36. with same or

39.95

Set a sandstone eye 16 x 8 in

S. 11 N. R. 24 E.

chains

18 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N. face
from which

yellow Pine 8 ins. dia. br. S 78° W. 18 lbs dist.
marked $\frac{1}{4}$ S. B. P.

yellow Pine 10 ins. dia. br. N. 18° W. 20 lbs dist.
marked $\frac{1}{4}$ S. B. P.

79.90 The cor. to Secs. 25, 26, 35 & 36
Sand Rolling
Good grazing.
Soil 2d rate.

North bet. Secs. 25 & 26.

Var. $B^{\circ} 15^{\circ} E^{\circ}$

Descend

27.70 cross Road course N. E.

4000 Set at Baseline 19 + 12 + 11 ins.

S. 11 N. R. 24 E.

Lines

13 ins. in the ground for
1/4 sec. cor. marked 1/4 on
W. face, and raised a mound
of stone along side Pt insep-
racticable

42.30 Cross Wash 14 lbs on the course
N. 81° E. ascend

80.00 Set a Basalt stone 18+10+7 ins.
12 ins. in the ground for
cor. to Secs. 23, 24, 25 & 26,
marked with 1 notch on E.
and 2 notches on S. edges, from which
a yellow Pine 10 ins. dia. to N. 71° E. 48 lbs dist.
marked S. 11 N. R. 24 E. S. 24. B. T.
a Yellow Pine 10 ins. dia. to N. 13° W. 60 lbs dist.
marked S. 11 N. R. 24 E. S. 23. B. T.

Land Rolling
Good going

S. 11 N. R. 24 E.

chain

Soil 2^d rate.

East on a random line bet.

Secs. 24 + 25.

Var. $13^{\circ} 40' E.$

Descend gradually

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

79.96 Intersect E. By of $\frac{1}{4}$ Sec. 24 $\frac{1}{2}$ mile South
of cor. to Secs. 19, 24, 25 + 30.

which is a Basalt
stone marked with 4
notches on its 2 matches
on S. edges, with bearing
trees properly marked
in N. E. N. W. Secs.

Thence I run S. $89^{\circ} 00' W.$

S. 11 N. R. 24 E.

chains

on a true line bet. Secs. 24 & 25
with same van.

39.98 Set a bear stone 18x11x6 ins.
12 ins. in the ground for
1/4 sec. cor. marked 1/4 on
face and raised a mound
of stone along side, Pits un-
suitable.

79.96 N. cor to Secs. 23, 24, 25 & 26.
Sand Rolling
Good grazing.
Soil 2nd rate.

North bet. Secs. 23 & 24

Var. 130 40' E.

Descent

22.10 Cross Road to E. N.

S. 11 N. R. 24 E.

- Chains
27.00 Cross Wash 25 lbs wide, course
E. ascend gradually.
- 40.00 Set a Basalt stone 17+10+4
ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. Marked $\frac{1}{4}$
on N. face, and raised a
mound of stone along side
from which a Juniper
19 ins. dia. br. S. 41° W 39 lbs dist.
marked $\frac{1}{4}$ S. B. T.
- a yellow Pine 8 ins. dia br. S 87° E. 4 lbs dist.
marked $\frac{1}{4}$ S. B. T.
- 80.00 Set a Basalt stone 18+12+4 ins.
12 ins. in the ground for cor.
to Secs. 13. 14. 23+24. marked
with notch on E & 3 notches
on S. edge, and raised a
mound of stone along side.
Pits empty cistern

N. 11 W. R. 24 E.

chains

Land Rolling & Rocky
Soil 2d & 3d rate
Thick Bunches of Juniper

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

Var 14000 E.

Descend gradually

4000 Sit temporary 1/4 sec. bar.

42.00 Begin to ascend gradually

79.87 Intersect E. By of T.P. 11th

N of bar. to Secs. 13, 18, 19 & 24.

which is a Basalt
stone, marked with
3 notches on N.W. edge,
with stone mound
alongside

N. 11 W. R. 24 E.

Chains

Thence I run N. 89° 55' W.
on a true line bet. Secs.
13 & 24. with same ca.

39.93 Set a Basalt stone 18" x 12" x 4"
ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on N. face of post. in which
a Juniper 20 ins. dia. is 250 W. 45' N. 15' E.
marked $\frac{1}{4}$ S. B. P. weather to see west.

79.87 The cor. to Secs. 13, 14, 23 & 24.
Land sloping East
Soil 2^d rate
Pine growing.
Scattering Juniper.

S. 11 Tr. R. 24 E.

chains

North bet. Secs. 13 & 14

Var. 14° E!

Ascend

4.00 Tip of spur 120 ft. high course
N. 63° E! descend

32.20 Cross Wash 35 lbs. wide, course
N. 45° E! ascend

40.00 Set a Blue lime stone $16 \times 10 \times 4$
ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
N. face and raised a
wound of stone along with
from a rock

A yellow Pine 16 ins. dia. bro. N 29° E. 154 lbs.
marked $\frac{1}{4}$ S. B. T.

A yellow Pine 16 ins. dia. bro. S 40° W. 114 lbs. dia.
marked $\frac{1}{4}$ S. B. T.

42.00 Cross Wash 20 ft. deep course E

T. 11 N. R. 24 E.

chains

8000 Set a Basalt stone $28 \times 16 \times 4$ ins.
 21 ins. in the ground for cor. to
 Secs. 11, 12, 13 & 14, marked with
 1 notch on E & 4 notches on S.
 edges, and raised a mound of
 stone alongside, Pits unpeccable
 Sec. 13. Broken & Rocky Soil 3rd rate
 Sec 14. Rolling Soil 2nd rate
 Good grazing
 Scattering Juniper.

East on a random line bet.
 Secs. 12 & 13.

Cor. $13^{\circ} 29' E.$

Descend gradually

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

47.17 Enter valley course W.S.

D. 11 N. R. 24 E.

chain

80.15 Intersect E. By of P.
14 lbs N. of Cor. to Secs. 7, 12, 13 & 14.

marked as a Basalt
stone, marked with 2
notches on N & 4 notches
on S edges with stone
surround alongside with
bearing true properly marked
in N. E. sec.

Thence I run N. $89^{\circ}54'W$.
on a true line bet. Secs.

12 & 13. with same va.

40.07 Set a Basalt stone 20x16x4
ins. 15 ins. in the ground for
 $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ on
N face, and raised a mound
of stone alongside Pt to un-
satisfact.

S. 11 N. R. 24 E.

chains

80.15 The cor. to Secs. 11, 12, 13 & 14
 Sand Rolling + rocky
 Pair Grazing.
 Soil 3' or more
 Scattering Juniper.

Growth bet. Secs. 11 & 12.

Var. $13^{\circ} 29' E.$

ascend

3426 Top of low bench course E. W.
 descend

4000 Set a Basalt stone $16 \times 9 \times 3$ ins.
 11 ins. in the ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on W face, from which
 a Juniper 12 ins. dia. br. h. $61^{\circ} W.$ 41 lbs dist.
 marked $\frac{1}{4}$ S. B. T.
 a Juniper 12 ins. dia. br. h. $74^{\circ} E.$ 40 lbs dist.
 marked $\frac{1}{4}$ S. B. T.

S. 11 N. R. 24 E.

chain

80.00

Set a Basalt stone 8x10x4 in.
12 in. in the ground for cor-
ner Secs. 1, 2, 11 & 12, marked with
notch on E & 5 notches on S. edge,
and raised a mound of stone
alongside. Pts. unproductive
land Rolling & rocky
Good grazing.
Soil 2d. cat.
Scattering Juniper.

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

Cor. 130 E.

Nearly level

21.00

cross Wash 15 lbs wide course N. 12° W.
ascend gradually.

S. 11 N. R. 24 E.

Chains

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

57.30 Top of divide bet. H. & S. W. 45 ft
high descend

80.21 Intersect E. Ry of Township
13 lbs S. of cor. to Secs. 16, 7 & 12
which is a Basalt stone
marked with 1 notch
on W & 5 notches on S.
edges, with stone mound
along side.

Thence 1 mm S $89^{\circ}54'$ W.
on a true line bet. Secs. 16 & 12
with same va.

40.10 Set a Basalt stone 14 + 9 + 3
ins. 10 ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on

S. 11 N. R. 24 E.

chains

N. face, and raised a mound
of stone along side, Pts imp-
racticable

80.21 The bar. W Secs. 12. 11 & 12

Land nearly level

Good grazing.

Soil 2^d set

Some scattering Juniper

Growth on a random line
bet. Secs. 1 & 2.

Var. 130° E.

Descent gradually

40.00 Set temporary 1/4 sec. bar.

48.32 Cross creek 14 lbs wide, course

N. 41° W. Ascent gradually

79.40 Intersect N. By of P. 20 lbs

S. 11 N. R. 24 E.

chain

E of cor. to Secs. 1, 2, 35, & 36.
which is a Basalt stone
marked with 1 notch
on E & 5 notches on W.
edges, with stone mound
alongside

Thence I run S. of E on a
true line bet. Secs. 1 & 2.
with same co.

39.40 Set a Basalt stone 14 x 10 x 3 ins.
10 ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ on W face
and raised a mound of stones
alongside. Pts. impracticable.

79.40 The Cor. to Secs. 1, 2, 11 & 12

S. 11 N. R. 24 E.

chains

Land nearly level
 Soil 2^d out
 Pine grazing.
 Scattering juniper.

I carefully examined the
 adjustments of my solar
 compass to-day, particularly
 the latitude and descending
 apparatus, and found
 them correct.

Aug 8. 1882.

T. 11 N. R. 24 E.

chairs

From the cor. to Secs. ^{2, 3} 34 & 35.
on S. By of Sp. which is a
Basalt stone marked
with 2 notches on E & 4
notches on W. edges, with
pits in each sec. and
earth mound along
side.

Thence I run North bet.
Secs. 34 & 35.

Cor. $12^{\circ} 20' E$

Nearly level ground.

4000 Set a Basalt stone $16 \times 8 \times 7$
ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face and raised
a mound of stone alongside.

N. 11 N. R. 24 E.

chains

Pit impracticable

57.19 Low Ridge bns N. E & S. W.
over Meo

80.00 Set Blue Limestone 24 x 15 x 7
ins. 18 ins in the ground for
cor. to Secs. 26. 27. 34 & 35,
marked with snitches on
E & S notch on S. edges,
and raised a mound of
stone along each Pit imp.
practicable

Land nearly level

Soil 2^d oat

Pine grazing.

Part on a random line
bet. Secs. 26 & 35.

T. 11 N. R. 24 E.

chains

Var. 140 30' E!

Descend

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

56.26 Cross Mack 10 lbs wide course

N. ascend

59.20 Cross road course N. E.

79.80 Intersect Gas. line 35

links S. of cor. to sec. 25. 26.

35 & 36. Hence from S. 89°

45' N. on a true line bet. Secs.

26 & 35. with same va.

39.90 Set a Basalt stone 17x10x6
ins. 12 ins. in the ground for
 $\frac{1}{4}$ sec. bor. marked $\frac{1}{4}$ on
N. face and raised a mound
of stone along side. Pits imp-
racticable

79.80 The bor. to Secs. 26. 27. 34 & 35.

S. 11 N. R. 24 E.

chains

Land rolling
 Good grazing
 Soil 2d. oak.

North bet. Secs. 26 & 27.

Cor. 14° E.

over Mesa

- 4000 Set a Basalt stone 20x10x7
 ins. 15 ins. in the ground
 for $\frac{1}{4}$ sec. cor. marked 1/4
 on N face, and raised a
 mound of stone along-
 side. Pit impracticable
- 20.00 Set a Basalt stone 12x8x6 ins.
 8 ins. in the ground for cor. to
 Secs 22, 23, 26 & 27. marked
 with 2 notches on S. & E.

S. 11 N. R 24 E.

Chairs

edges, and raised a mound
of stone along so by R's trap-
racticable.

Land Rolling

Good grazing.

Soil 2^d rate

Some Juniper & Pine timber

East on a random line bet.

Secs. 23 & 26.

Cor. $13^{\circ} 30' E$.

Wescend gradually

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

80. 15 Intersect N & S line 25th S.
of cor. to Secs. 23, 24, 25 & 26.

Thence I run S. $89^{\circ} 49' W$.
on a true line bet. Secs.

T. 11 N. R. 24 E.

Chairs

23x26 with same va.

40.07 Set a Basalt stone 20x10x9
ins. 15 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on N face and raised a
worm dap stone alongside
Pits impracticable

89.15 The cor. to Secs. 23, 24, 25x26
Land Rolling.
Soil 2d rate
Good grazing.
Some Juniper.

North bet. Secs. 22x23.

Var 13° 30' E'

40.00 Set a Basalt stone 14x9x3
ins. 10 ins. in the ground for

S. 11 N. R. 24 E

Chains

$\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
N. face, and raised a
mound of stone alongside
Pit impervious.

80.00 Set a Basalt stone 18 x 12 x 4
ins. 12 ins. in the ground for
cor. to secs. 14, 15, 22 & 23.
marked with 2 notches on E.
and 3 notches on S. edge,
and raised a mound of
stone alongside. Pit imp-
ervious.

Land Rolling Soil 2^d out
Good grazing.
Some fruit for.

East on a random line

S. 11 N. R. 24 E.

Chains

bet. Secs. 14 & 23.

Var. $12^{\circ} 27' E$

Ascend

2.65 Cross S. Side of round Butte
24 ft. high descend

23.60 Cross Head of draw, 30 ft.
wide course S. ascend

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

44.63 Popoispur 16 ft. high course
N $16^{\circ} W$. descend

80.12 Intersect W. line 18 lb N.
of cor. to Secs. 13, 14, 23 & 24.
Thence run N. $89^{\circ} 52' W$.
on a true line bet. Secs.
14 & 23. with same ca.

40.06 Set a Basalt stone $18 \times 16 \times 4$
ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on

S. 11 N. R. 24 E.

chain

Reface from which
a yellow Pine 10 in. dia. to N 10° W. 16 ft dist
marked 1/4 S. B. P.

a yellow Pine 4 in. dia. to S. 60° W. 30 ft dist.
marked 1/4 S. B. P.

88.12 The cor. to Secs. 14, 15, 22 & 23.
Land Rolling & rocky
Soil 3d rate
Scattering Juniper.

North bet. Secs. 14 & 15,

Var. 12027' E.

Ascend

3.20 Paper found Butte 290ft high

Descend

40.00 Set a Basalt stone 18x12x4 in.
12 in. in the ground for 1/4 sec.

T. 11 N. R. 24 E.

12 ins

Cor. marked $1/4$ on N. face,
and raised a mound of stone
alongside, Pit unpeasticable

52. 18 Cross Wash ditches on the course N.
ascend

8000

Set a Basalt stone $18 \times 10 \times 3$ ins.
12 ins. in the ground for cor.

To Sec. 10, 11, 14 & 15. marked
with sutches on Ex 4 notches
on S. edge, from which

a Juniper 10 ins. dia. br N. 47° W. 12.8 lbs dist.
marked T. 11 N. R. 24 E. S. 10 B. P.

a Yellow Pine 10 ins. dia. br S. 85° E. 16.8 lbs dist.
marked T. 11 N. R. 24 E. S. 14 B. P.

Land Rolling

Good grazing.

Soil 2d & 3d out.

Scattering Juniper & Blue.

T. 11 N. R. 24 E.

chains

East on a random line bet.

Secs. 11 & 14.

Var. $13^{\circ} 28' E!$

Ascend gradually

13.28 Top of ridge 20 ft high above lake
course N. $21^{\circ} W$. descend

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

49.75 Intersect N.S. line 21 lbs N.
of cor. to Secs. 11, 12, 13 & 14.

Thence I run N. $89^{\circ} 57' W$.

on a true line bet. Secs. 11 & 14.

Var. $13^{\circ} 28' E!$

39.87 Set a Basalt stone $17 \times 9 \times 3$

ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$

on N. side and raised a
mound of stone along side
Pits impracticable.

S. 11 W. R. 24 E.

Chains

79.75

The cor. to Secs. 10, 11, 14 & 15.
 Land slightly rolling
 Good grazing
 Soil 2d rate
 Soil Juniper.

North bet. Secs. 10 & 11

Cor. 120° 28' E.

Ascend gradually

24.00 Top of Ridge 200ft high corner
 N. 83° W. descend

40.00 Set a Basalt stone 25 x 12 x 6
 ins. 18 ins. in the ground
 for 1/4 sec. cor. marked 1/4
 on W face from which
 a yellow Pine 10 ins. dia. br. N. 81° W. 86 lbs
 marked 1/4 S. B. P. no other trees near

N. 11 N. R. 24 E.

chains

8000

Set a Basalt stone $16 \times 10 \times 4$
 ins. 11 ins. in the ground for
 cor. to Secs. 2, 3, 10 & 11. marked
 with 2 notches on E & 5 notches
 on S. edges, and raised a
 mound of stone along each
 Pt. unpracticable.

Land gently Rolling.

Soil 2^d soil

Pine grazing

Scattering Juniper.

East on a random line bet.
 secs. 2 & 11.

Var. $13^{\circ} 31' E.$

Land level

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

S. 11 Cr. R. 24 E.

Chains

- 80.19 Intersect West line 13 lks
N of cor. to Secs. 1, 2, 11 & 12
Thence I run S. $89^{\circ}55'W$.
on a true line bet. Secs. 2 & 11.
with same or.
- 40.09 Set a Basalt stone 18x10x4
ins. 12 ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ in
space and raised a mound
of stone along side. Pits
impracticable.
- 80.19 The cor. to Secs. 2, 3, 10 & 11
had Table land
Soil 2^d rate
Fine grazing
Scattering Juniper.

S. 11 N. R. 24 E.

Chains

North on a random line
bet. Secs. 2 & 3.

Cor. $13^{\circ} 31' E!$

Descend gradually

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

71.11 from Wash bolts on the corner,
 $3.38^{\circ} E!$ ascend

79.57 Intersect by off No. 14th
2 of cor. to Secs. 2, 3, 34 & 35,
which is a Basalt stone
marked with 2 notches on
E & 4 notches on N. edges,
with stone mound
alongside

Thence I run S. $6^{\circ} E!$ on a
true line bet. Secs. 2 & 3.

S. 11 N. R. 24 E.

chains

with same no.

39.57 Set a Basalt stone $16 \times 10 \times 4$
ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on W. face, from which
a Juniper 10 ins. dia. br. $576^\circ E$ or the dist.
marked $\frac{1}{4}$ S. P. no other tree near.

79.57 The Cor to sec. 2, 3, 10 & 11.

Land Rolling.

Soil 2^d rate

Scattering Juniper. Good grass.

I carefully examined the
adjustments of my Solar Compass
today, particularly the tilted
and reversing apparatus
and found them correct.

Aug 8. 1892.

S. 11 N. R. 24 E.

Series

From the cor. to Secs. 33 & 34 on S. 13^o E. Sp. which is a Basalt stone marked with 3 notches on E & W. edges, with stone mound alongside.

Head 9000 North bet. Secs. 33 & 34.

Var. 13^o E.

Ascend

40.00 Set a Basalt stone 12x10x5 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, dug pits 18x18x12

J. H. R. 24 E.

Chains

ins. W. of stone 5/8 ft. dist.
and raised a mound of
earth 1/2 ft. high 3/4 ft.
base along side

55.60 Top of divide to E. W.
over Mesa

80.00 Set a Basalt stone 19 x 12 x 10
ins. 12 ins. in the ground
for cor. to Secs. 27, 28, 33, 34.
marked with 3 notches on
E. notch on S. edge, and
raised a mound of stone
along side, Pits impracticable.
Land rolling
Good grazing.
Soil 2^d out
Scattering Juniper.

T. 11 N. R. 24 E.

Chain

East on a random line
bet. Secs. 27 & 34.

Var. $13^{\circ} 8'$

Over Mesa

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

80.19 Intersect N.W. line 5 lbs

N of cor. to Secs. 26, 27, 34 & 35.

Thence I run N $89^{\circ} 58' W$.

on a true line bet. Secs. 27 & 34
with same var.

40.09 Set a Basalt stone $18 \times 10 \times 8$
ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on N face and raised a
mound of stone alongside
Pits impracticable.

80.19 See cor. to Secs. 26, 27, 34 & 35.
Land Rolling.

N. H. R. R. 24 E.

chains

Good grazing.
Soil 2d rate
Scattering Juniper.

North bet. Secs. 27 & 28.
Twp. 15° E!

Measure land

4000 Set a Basalt stone 15 x 12 x 7
ins. 10 ins. in the ground, for
1/4 sec. cor. marked 1/4 on
W. face and raised a mound
of stone alongside, Pts imp-
racticable

8000 Set a Blue limestone
14 x 10 x 7 ins. 10 ins. in the
ground, for cor. to Secs.
21. 22. 27 & 28. marked

S. 11 N. R. 24 E.

Chairs

3 notches on E. and 2 notches
on S. edges, and raised a
mound of stone alongside.

Land rolling

Good grazing.

Soil 2d rate

Scattering juniper.

East on a random line bet.
Secs. 22 & 27.

Var. $13^{\circ} 33' E.$

over Mesa

4000 Set temporary 1/4 sec. cor.

7965 Intersect N & S. line 12 lbs

S of cor. to Secs. 22, 23, 26 & 27.

Thence down $S 89^{\circ} 55' W.$

on a true line bet. Secs. 22 & 27

T. 11 N. R. 24 E.

chains

with same or.

- 39.82 Set a Basalt stone $14 \times 8 \times 7$
ins. 10 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on N face, and raised a
mound of stone alongside.
Pits impracticable
- 79.65 The cor. to Secs. 21, 22, 27 & 28.
Land Rolling
Good grazing.
Soil 2d rate
Scattering Juniper.
-

North bet. Secs. 21 & 22.

Var. $13^{\circ} 33' E$

Over Rolling ground

4000 Set a Basalt stone $16 \times 9 \times 4$

S. 11 N. R. 24 E.

chains

ins. 11 ins. in the ground,
for 1/4 sec. cor. marked 1/4
on N. face and raised a
mound of stone alongside
Pits unperceivable.

46.00 Top of spur 100ft. high corner
Ex N. and descend

80.00 Set at B asalt stone 17x9x3
ins. 12 ins. in the ground for
cor. to Secs. 15, 16, 21 & 22,
marked with 3 scratches on
Ex S. edges, from which
a jumper 12 ins. dia. br. N. 50° 30' E. 48 lbs. dist.
marked S. 11 N. R. 24 E. S. 15. B. P.
a jumper 8 ins. dia. br. N. 27° W. 75 lbs. dist.
marked S. 11 N. R. 24 E. S. 16 B. P.
Land Rolling & rocky
Soil 3d rate

S. 11 N. R. 24 E.

chains
Plenty juniper.

East on a random line bet.
Secs. 15 & 22.

Var. $14^{\circ} 50' E.$

Descend

5.35 Cross wash 15 lbs wide course N.
ascend gradually

25.10 Cross Road course N $60^{\circ} W.$

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

80.30 Intersect N & S line 23 lbs S.
of cor. to Secs. 14, 15, 22 & 23.

Thence I run S. $89^{\circ} 49' W.$
on a true line bet. Secs. 15 & 22
with same va.

40.15 Set a Basalt stone $19 \times 10 \times 4$
ins. 18 ins. in the ground, for

S. 11 N. R. 24 E.

Chain

1/4 Sec. cor. marked 1/4 on N. face and raised a mound of stone alongside. Pits impracticable.

80.30

1/4 Sec. 15. 16. 21 & 22

Land Rolling

Soil 3^d rate

Scattering Juniper

Good grass.

North bet. Secs. 15 & 16.

Var. $14^{\circ} 30' E.$

Ascend

11.22 Cross Road course N. $64^{\circ} W.$

13.15 Cross Wash 22 lbs wide course

N. $67^{\circ} W.$ and ascend

22.30 Top of Ridge to N. $78^{\circ} W.$ &

S. $78^{\circ} E.$ 75ft. high.

S. 11 N. R. 24 E.

Chains

- 40.00 Set a Basalt stone $14 \times 12 \times 3$
 ins. 10 ins. in the ground
 for $\frac{1}{4}$ sec. cor. marked off
 on N. face, and raised a
 mound of stone alongside
 Pit impracticable
- 44.20 Cross Mark 25 lbs side course
 N. 37° W. ascend
- 80.00 Set a Basalt stone $17 \times 10 \times 8$
 ins. 12 ins. in the ground
 for cor. to Secs. 9, 10, 15 & 16.
 marked with scratches on
 E & 4 notches on S. edges,
 and raised a mound of
 stone alongside, Pit
 impracticable
 Sand slightly rolling.
 Soil 3^d rate

S. 11 N. R. 24 E.

chains

Pair Grazing.
Scattering Juniper.

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

Var. 13° E!

Ascend gradually

40.00 Set temporary 1/4 sec. cor.

79.75 Intersect old line 20th

N. of cor. to Secs. 10, 11, 14 & 15.

Thence down N. 89° 51' W.

on a true line bet. Secs. 10 & 15.

with same va.

39.87 Set a Basalt stone 18 x 12 x 4

ins. 12 ins. in the ground,

for 1/4 sec. cor. marked 1/4

on N. face and raised a

S. 11 N. R. 24 E.

chains

79.75

upward of stone alongside
 by cor. to Sess 9. p. 15 & 16
 Land slightly rolling & rocky
 Soil 2^d rate
 Scattering Juniper

North bet. Sess. 9 & 10.

Var. 13° E.

Ascend

9.00 Top of ridge 125 ft high course

2. 78° W. descend

4.00 Set a Basalt stone 16 x 10 x 4

ins. 11 ins. in the ground
 for 1/4 sec. cor. marked 1/4
 on W face, and raised a

row of stone alongside

Pets imperceptible

61.35 Cross West 15 lbs wide, course

S. 11 N. R. 24 E.

ains

W. and ascend

8000 Set a Basalt stone 22 x 14 x 4
ins. 16 ins. in the ground for
cor. to Secs. 3, 4, 9 & 10. marked
with 3 notches on E & 5 notches
on S. edges, and raised a
mound of stone along side
Pit impracticable

Land Rolling

Good grazing.

Soil 2^d rate

Juniper bush.

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

Cor. 140° 30' E.

Descend

S. 11 N. R. 24 E

- chains
- 23.18 brass Wash 10 lbs wide course ^{S 14° W.}
ascend
- 40.00 Set temporary 1/4 sec. cor.
- 42.12 Tip of ridge 250 ft. high,
to N. 14° W. descend
- 80.10 Intersect N & S. line 14 lbs
S. of cor. to Secs. 2, 3, 10 & 11.
Thence down S. 89° 54' W.
on a true line bet. Secs.
3 & 10. with same ov.
- 40.05 Set a Basalt stone 18 x 14 x 3
ins. 12 ins. in the ground
for 1/4 sec. cor. marked 1/4
on N. face, and raised a
mound of stone alongside
Pit's unpeccable. from which
approx 5 ins. dia. to S. 4° E. 10 lbs dist.
marked 1/4 S. B. T.

S. 11 N. R. 24 E.

chains

Yellow Pine 4 ins. dia. br. h. 33° W. 6 lks dist.
marked 1/4 S. B. T.

80.10 The cor. to Secs. 3, 4, 9 + 10.

Land Rolling.
Good grazing.
Soil 2^d rate
Juniper brush.

North on a random line
bet. Secs. 3 + 4.

Var. 14° 30' E!

Ascend

40.00 Set temporary 1/4 sec. cor.

41.26 Top of Ridge br h. 81° E + S. 81° W.
descend gradually

79.81 Intersect N. By of Sp. 16 lks
N. of cor. to Secs. 3, 4, 33 + 34

T. 11 N. R. 24 E.

Chain

which is a Basalt
stone marked with
3 notches on E. W. edges
with stone wound
along sides

Thence I run S. 7' W. on
a true line bet. Secs. 3 & 4.
with same va.

- 39.81 Set a Basalt stone $16 \times 13 \times 5$ in.
11 in. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on
W. face from which
align per 10 in. dia. to S. 57° E. 33 lbs. dist. -
marked $\frac{1}{4}$ S. B. P. no other to be used.
- 79.81 The cor. to Secs. 3, 4, 9 & 10.

S. 11 N. R. 24 E.

Chains

Land Rolling
Soil 3d rate
Grass poor.
Plenty of Juncus brush

I carefully examined the
adjustments of my solar
compass today, particularly
the latitude and reversing
apparatus, and found
them correct.

Aug 9. 1882.

March 21 Dec. 32 & 33.

Nov 11 '6.

Nov 11

Nov 11 1882

S. 11 N. R. 24 E.

Lines

From the cor. to Secs. 4.5.
32 & 33. which is a
Basalt stone, marked
with 4 notches on E & 2
notches on W. edges,
with bearing trees properly
marked in N. E & S. E. sec.
no other trees within limits.

Thence I run North bet.
Secs. 32 & 33.

Var. 13° E!

Ascend

4000

Set a Basalt stone 1571026
ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor. - marked
 $\frac{1}{4}$ on W. face, and raised
a mound of stone along

T. 11 N. R. 24 E.

chain

side, Pits impracticable

73.10 Boer M^osca land

80.00 Set a Basalt stone 20 x 10 x 7
ins. 15 ins. in the ground
for cor. to Secs. 28, 29, 32 & 33.
marked with 4 notches on E.
and 2 notches on S. edges,
and raised a mound of
stone alongside. Pits imp-
racticable.

Land Rolling.

Soil 3^d rate

Poor grazing.

Plenty of ferns per bush.

East on a random line bet.
Secs. 28 & 33.

S. 11 N. R. 24 E.

chains

Var. $14^{\circ} 15' 8''$

Cor. slightly rolling mesa

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

80.21 Intersect W.S. line 19th

N. of cor. to Secs 27, 28, 33 & 34.

thence down N. $89^{\circ} 52' 11''$.

on a true line bet. Secs.

28 & 33. with same va.

40.10 Set a Basalt stone $18 \times 9 \times 6$

ins. 12 ins. in the ground

for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$

on N. face, and raised a

mound of stone along side

Pit impervious cable

80.21 The Cor. to Secs. 28, 29, 32 & 33.

Land Rolling.

Soil 3^d rate

Poor grazing.

T. H. N. R. 24 E

Chains

North bet. Secs. 28 & 29.

Nor. $14^{\circ} 15' E$.

Good Rolling Mesa

40.00 Set a Basalt stone $18 \times 12 \times 10$ ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. Marked
 $\frac{1}{4}$ on N. face, and raised
a mound of stone along-
side Pts unpracticable80.00 Set a Basalt stone $14 \times 7 \times 5$ ins. 10 ins. in the ground
for cor. to Sec. 20. 21. 28 & 29.
marked with 4 notches on
E & 2 notches on S. edges, and
raised a mound of stone
alongside Pts unpracticable
Land Rolling
Good grazing

S. 11 N. R. 24 E.

chain

Soil 1st rate
Scattering Juniper.

East on a random line
bet. Secs. 21 & 28.

Var. 130° E.

Corner Rolling Mesa

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

79.94 Intersect ~~the~~ S. line 12 lb.

South of cor. to Secs. 21, 22

27 & 28. Thence from

S. $89^{\circ} 55'$ W. on a true line
bet. Secs. 21 & 28. with same on

39.97 Set a Basalt stone $18 \times 10 \times 9$.

ins. 12 ins. in the ground

for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$

on N. face, dug pits $18 \times 10 \times 9$

S. 11 N. R. 24 E.

Chemical

in. E. W. of stone $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.

79.94 base alongside
they cor. to Sec. 20, 21, 28 & 29.

Land Rolling

Good grazing.

Soil 1st out

Scattering Juniper.

North bet Secs. 20 & 21

Var. 13° E.

over mesa

37.60 Begin to descend

40.00 Set a Basalt stone $18 \times 10 \times 7$
ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, dug pits

S. 11 N. R. 24 E.

Chairs

18 x 18 x 12 ins. W. of stone
5 1/2 ft. dist. and raised a
mound of earth 1 1/2 ft. high
3 1/2 ft. base along side

8000

Set a Basalt stone 20 x 9 x 4
ins. 15 ins. in the ground
for cor. to Sec. 16. N. 20 x 24
marked with 4 notches on
E & 3 notches on S. edge,
and raised a mound of
stone along side, Pits imp
rectifiable

Land Rolling.

Soil 1st rate.

Good grazing.

Scattering fruit per.

S. 11 N. R. 24 E.

chains

Fast on a random line
bet. Secs. 16 & 21.

Var. 11° E.

Descend

1.30 Cross Wash 24 lbs wide course
N. 15° E. ascend

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

41.20 Top of spur to N 30° W. & S. 30° E.

Descend

80.21 Intersect N.S. line 11 lbs
S. of bor. to Secs. 15, 16, 21, 22.

Thence 9 mm S. 89° $56'$ W.

on a true line bet. Secs

16 & 21. with same va.

40.10 Set a Basalt stone 17 & 9 & 4
ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. bor. marked $\frac{1}{4}$
on N face and raised a

S. 11 N. R. 24 E.

chains

80.21 mound of stone alongside,
 Pits impracticable
 1/4 cor. 16. 17. 20 & 21
 Land rolling & rocky
 Soil 3d oak
 Scrubby juniper.

North bet. Secs. 16 & 17.

Cor. 11° E.

18.12 Ascend gradually
 Papof aper gaft high,
 course N. 14° E. descend

37.22 Enter Basin course E. N.
 4000 Set at Basalt stone 18x13x5
 ins. 12 ins. in the ground
 for 1/4 sec. cor. marked
 1/4 on N. face, and raised
 a mound of stone alongside
 Pits impracticable

Subdivisions T. 11 N. R. 24 E. cont.

chains.

50.15. Leave Basin course N. 64° E.
ascend.

70.75 Top of spur 140ft. high course
Ex N. descend

80.00 Set a B esalt stone 19 x 13 x 4
ins. 12 ins. in the ground
for cor. to Secs. 8, 9, 16 x 17
marked with 4 notches on
E & S. edges, and raised a
mound of stone along side
Pit impracticable.

Land Rolling & rocky
Good grazing.

Soil 2^d & 3^d rate

Pine lake in N. W. 1/4 of Sec.
16. on also on the East side
of sec 17. a few chains West
of 1/4 sec cor. A Louse and
Correll in Sec. 16. at 59.40 chs.

S. 11 N. R. 24 E.

chains

North and 24. 27th East of
Sec. cor. to Secs. 16. 17. 20 & 21

Start on a random line
bet. Secs. 9 & 16.

Var. 12° E.

Descend

29.21 Enter dry Basin course
N. 18° E.

34.14 Leave Basin N. & S. ascend

40.00 Set temporary 1/4 sec. cor.

79.86 Intersect N & S. line 19 lbs
N of cor. to Secs. 9. 10. 15 & 16

Thence I run N. 89° 52' W.
on a true line bet. Secs.
9 & 16. with same or.

39.93 Set a Basalt stone 16 x 10 x 3
ins. 11 ins. in the ground

S. 11 N. R. 24 E!

chains

for 1/4 sec. cor. marked 1/4
on N face, and raised a
mound of stone alongside
Pits impracticable
by corner w/sec. 8.9.16 x 17
Land rolling.
Fair grazing.
Soil 2d & 3d rate
Scattering Juniper.

79.86

North bet. Secs. 8 & 9.

Var. 12° E!

Descent

24.36 brass Wash 15 lbs wide course
S. E. & ascend

40.00 Set a Basett stone 24 x 14 x 7
ins. 18 ins. in the ground
for 1/4 sec. cor. marked 1/4
on W. face, and raised

S. 11 N. R. 24 E.

chains

wound of stone alongside
Pits impracticable

80.00 Set a Basalt stone 24 x 12
x 9 ins. 18 ins. in the ground
for Cor. to Secs. 4, 5, 8 & 9
marked with 4 notches
on E & 5 notches on S. edge,
and raised a wound of
stone alongside Pits imp-
racticable.

Land Rolling

Soil 3^d rate

Good grazing.

Cast on a random line
bet. Secs. 4 & 9.

Nov. 13^o 8.

Ascend

S. 11 N. R. 24 E.

chain

38.21 Dip of spur to N. 10° E &
S. 10° W. descend

4000 Set temporary 1/4 sec. cor.

79.75 Intersect N & line 16 lbs 2.
of cor. to Secs. 3, 4, 9 & 10.

Thence I run S. 89° 53' W.
on a true line bet. Secs. 4 & 9.
with same ra.

39.87 Set a Basalt stone 18x10x7
ins. 12 ins. in the ground
for 1/4 sec. cor. marked 1/4
on N face, dug pit 18x4x4
ins. Ex N. of stone 5 1/2 ft.
dist. and raised a mound
of earth 1 1/2 ft. high 3 1/2 ft. base
alongside.

79.75 The cor. to Secs. 4, 5, 8 & 9.
Land Rolling & rocky
Soil 2d rate

N. 11 W. R. 24 E.

chain

Juniper brush
Good grass.North on a random line
bet. Secs. 4 & 5.Var. $13^{\circ} 9' E.$

Ascend

32.00 Top of ridge by N $31^{\circ} W.$ &
S. $31^{\circ} E.$ Descend40.00 Set temporary $1/4$ sec corr.80.12 Intersect N. By of Sp.
23 lbs N. of corr. to Secs.4, 5, 32 & 33, which see
Basalt stone marked
with 4 notches on E.
& 2 notches on W. edges,
with round of stone

T. H. N. R. 24. E.

chain

alongside.

Hence I run S. 10' W. on
a true line bet. Secs. 4 & 5
with same va.

40.06 Set a Basalt stone 18x10x7
ins. 12 ins. in the ground
for 1/4 sec. cor. marked
1/4 on W. face, and raised
a mound of stone along-
side Pit imperceptible

80.12 The cor. b. Secs. 4, 5, 8 & 9.
Sand rolling & rocky
Soil 3^d out
Grass per bunch
Good grass.

I carefully examined
the adjustments of my

S. 11 N. R. 24 E.

Chains

Solar compass, to day, particularly the latitude and reversing apparatus and found them correct.
 Aug 9. 1882.

From the cor. of Secs. 5.6
 31 & 32. on S. By of Sp.
 which is a Basalt
 marked with 5 notches
 on Ee 1 notch on W. edge,
 with stone mound
 alongside.

Thence I ma North bet.

S. 11 N. R. 24 E.

Chain

Secs. 31 & 32.

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

Ascend

4000

Set a Basalt stone $12 \times 7 \times 7$ ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pit unproductive.

8000

Set a Basalt stone $18 \times 12 \times 9$ ins. 12 ins. in the ground for cor. to Sec. 29, 30, 31 & 32 marked with 5 notches on E & 1 notch on S. edge. dug pit $15 \times 15 \times 12$ ins. in coal sec. $5 \frac{1}{2}$ ft. deep and raised a mound of earth 2 ft high $4 \frac{1}{2}$ ft. base alongside.

Land Rolling.

Good grazing.

S. 11 N. R. 24 E.

chains

Soil 1st rate
 Scattering Juniper.

East on a random line
 bet. Secs. 29 & 32.

Var. $13^{\circ} 48' 16''$

over Rolling land

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

79.84 Intersect W. S. line 10 lbs

N of cor. to Secs. 28, 29, 32 & 33

Thence Iron N $89^{\circ} 52' 11''$.

on a true line bet. Secs.

29 & 32. with same var.

39.92 Set a Bassett stone $15 \times 10 \times 7$

ins. 10 ins. in the ground

for $1/4$ sec. cor. marked

$1/4$ on N. face, dug pits

$18 \times 18 \times 12$ ins. E. N. of

T. 11 N. R. 24 E

chains

post 5/8 ft. dist. and raised a mound of earth 1/2 ft. high 3/8 ft. base along side,

79.84 The cor. to Secs. 29, 30, 31 & 32.

Land rolling.

Good grazing.

Soil 1st rate

Scattering Juniper.

West on a random line bet. Secs. 30 & 31.

Var. 13048' E.

Descend over Rolling ground

4000 Set temporary 1/4 sec. cor.

79.04 Intersect W. 1/4 of Sp. 21 lbs N. of cor. to Secs.

S. 11 N. R. 24 E.

chain

25. 30. 31 & 36. which is a
Basalt stone marked
with 5 notches on N. & 1
notch on S. edge, with
stone mound alongside

Hence I run N. $89^{\circ}51'E$.
on a true line bet. Secs.

30 & 31. with same so

39.04 Set a Basalt stone $14 \times 7 \times 6$
ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on N. face and raised a
mound of stone alongside
Pits impracticable.

79.04 The cor to Secs. 29. 30. 31 & 32.

T. 11 N. R. 24 E.

choirs

Land rolling
Good grazing.
Soil 2^d rate.

North bet. Secs. 29 & 30

Cor. 13 of 8' E.

descend gradually

4000 Set a post 5 ft. long 4 ins.
sq. with marked stone
2 ins. in the ground for
1/4 sec. cor. marked 1/4 S.
on N. face, dug pits 18" x 18" x 2
ins. W. of post 5' left.
dist. and raised a mound
of earth 1 1/2 ft. high 3' left.
base around post.

8000 Set a Basalt stone 14" x 7" x 7"

T. 11 N. R. 24 E.

chain

ins. 10 ins. in the ground
for Cor. to Secs. 19, 20, 24 & 30.
marked with 5 notches on
E & 2 notches on S. edge,
dug pits 18 x 18 x 12 ins. in
each sec. 5 ft. dist. and
raised a mound of earth
2 ft. high 4 1/2 ft. base
along side.

Land Rolling.

Good grazing.

Soil 2d rate.

East on a random line
bet. Secs. 20 & 24.

Cor. 14° E.

over Rolling Mesa

S. 11 N. R. 24 E.

Chains

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

80.21 Intersect W. S. line 19
lbs N. of cor. to Secs. 20.21
28 x 29. Thence Iron N. 89°
52' W. on a true line bet.
Secs. 20 x 29, with survey.

40.10 Set a post 4 ft. long, 4 ins.
sq. with marked stone 12
ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. on
N. face dug pit 18 x 18 x 12
ins. E. W. of post 5 1/2 ft.
dist. and raised a mound
of earth 1 1/2 ft. high 3 1/2 ft.
base around post.

80.21 The cor. to Secs. 19, 20, 29, 30.
Land Rolling
Good grazing.

S. 11 N. R. 24 E.

chain

Soil 2^d rate

West on a random line
bet. Secs. 19 & 30.

Var. 14° E.

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

78.67 Intersect W. By app.

27 lbs N. of cor. to Secs.

19, 24, 25 & 30. which is a
Basalt stone marked

with 4 notches on N. &

2 notches on S. edges, and

^a surround of stone along-
side.

Thence I run N. $89^{\circ} 48'$ E.

S. 11 N. R. 24 E.

Chains

on a true line bet. Secs.
19 & 20. with same on

38.67 Set a Basalt stone 18 x 10 x 7
ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. bor marked
 $\frac{1}{4}$ on N face, and raised
a mound of stone along-
side. Pits unpracticable

78.67 The bor. to Secs. 19, 20, 29 & 30.
Sand rolling.
Good grazing.
Soil 2^d rate.

North bet. Secs. 19 & 20.

Var. 14° E!

Descend

39.00 Cross Wash 15 lbs wide

S. 11 N. R. 24 E.

Chairs

and record

40.00 Set a Basalt stone $16 \times 8 \times 7$
ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, and
raised a mound of stone
alongside Pth impracticable

49.90 Cross Road course E. N.

80.00 Set a Basalt stone $19 \times 11 \times 6$
ins. 13 ins. in the ground
for cor. to sec. 17, 18, 19, 20.
marked with 5 notches
on E. 3 notches on S. edge,
and raised a mound
of stone alongside, Pth
impracticable
Land Rolling
Good goring.

N. 11 N. R. 24 E.

chains

Soil 2^d rate.

Cost on a random line
bet. Secs. 17 & 20.

Var. $14^{\circ} 24' E$

Ascend

4000 Set temporary $1/4$ sec.
bar.

54.60 Tape for to N. $31^{\circ} E$ &
 $S. 31^{\circ} W$. Descend

79.80 Intersect N.S. line
2000 ft. N. of cor. W. Secs. 16, 17,
20 & 21. Thence I run
N $89^{\circ} 51' W$. on a true line
bet. Secs. 17 & 20. with camera.

39.90 Set a Basalt stone $14 \times 10 \times 7$
ins. 10 ins. in the ground

S. 11 N. R. 24 E.

chains

for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N face and raised
 a mound of stone along
 side. Pit impracticable

79.88 The cor. b. Secs. 17, 18, 19
 Land Rolling
 Good grazing
 Soil 2d. rate.

West on a random line
 bet. Secs. 18 & 19.
 Var. $14^{\circ} 24' E$.

Ascend gradually
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 41.14 Cross Wash 15 lbs wide approx
 S $12^{\circ} W$.
 78.90 Intersect W. By of Sp.

N. 11 N. R 24 E.

Chairs

30 lps N. of bor. to seas.
 13. 18. 19 & 24. which is a
 Basalt stone marked
 with 3 notches on N.S.
 edges, with pits in each
 sec. and mound of
 earth alongside.

Hence I run N 89° 47' E!
 on a stone line bet. Seas.

18 & 19. with same os.

38.90 Set a Basalt stone in
 dry lake 24 x 18 x 8 ins.
 18 ins. in the ground
 for 1/4 sec. Cor. marked
 1/4 on N face, and raised

S. 11 N. R. 24 E.

Chains

a mound of stone alongside
Pit impracticable.

78.90 The cor. to Secs. 17, 18, 19 & 20
Sand Rolling
Good grazing.
Soil 2^d rate.

North bet. Secs. 17 & 18

Var. $14^{\circ} 24' E.$

Ascending.

40.00 Set a Post 4 ft. long 3 x 4
ins. sq. with marked stone
12 ins. in the ground, for
1/4 sec. cor. marked 1/4 S.
on W. face, dug post 18 x 18
ins. Pros. effort 5 1/2 ft. dist.
and raised a mound of

N. 11 N. R. 24 E.

chain

earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base around post.

8000 Set a B cast stone $12 \times 10 \times 7$
ins. 8 ins. in the ground
for cor. to Secs. 7, 8, 17 & 18.
marked with 5 notches
on E & 4 notches on S. edges
dug pits $18 \times 18 \times 12$ ins.
in each sec. $5\frac{1}{2}$ ft. dist.
and raised a mound
of earth 2 ft high $4\frac{1}{2}$ ft.
base, along each.
Land Rolling
Good grazing.
Soil 2^d rate.

East on a random line

T. 11 N. R. 24 E.

chain

bet. Secs. 8 & 17.

Var. $13^{\circ} 10' E.$

Ascend

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

43.20 Top of divide by road 150 ft high. Descend

80.30 Intersect road line 29 lbs N of cor. to Secs. 8, 9, 16 & 17. Thence run N. $89^{\circ} 47' 20''$ on a true line bet. Secs. 8 & 17. with same or.

40.15 Set a Basalt stone 12 x 11 x 7 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N face, and raised a mound of stone along side. Pits impracticable.

80.30 The cor. to Secs. 7, 8, 17 & 18.

S. 11 N. R. 24 E.

chain

Land Rolling
 Good grazing
 Soil 34 pct.

West on a random line
 bet. Secs. 7 & 18.

Cor. 13° 10' E.

Descend

40.00 Set temporary 1/4 sec. corr.

59.30 Cross mark 100 ft. wide corner S.

Ascend

78.87 Intersect W. Ry of Sp.
 40 ft. N. of cor. to Secs.

7, 12, 13 & 18, which is a

Basalt stone marked
 with 2 notches on N. &
 4 notches on S. edges,

S. 11 N. R. 24 E.

chains

with pits in each sec, and
 mound of earth along
 side.

Thence I run N 89° 43' E.
 on a true line bet. Secs. 7 & 8
 with same or.

38.87 Set a post 4 ft. long 4 ins.
 sq. with marked stone
 12 ins. in the ground for
 1/4 sec. cor. marked 1/4 S.
 on N face, dug pits 18 x 18 x 2
 ins. E. W. of post 5 1/2 ft.
 dist. and raised a mound
 of earth 1 1/2 ft. high 3 1/2 ft.
 base around post.

78.87 The cor. to Secs. 7, 8, 17 & 18.
 Land Rolling
 Good grazing.
 Soil 3^d rate.

S. 11 N. R. 24 E

Chains

Growth bet. S'ces 7 & 8.

Nor. $13^{\circ} 10' E$.

Ascend gradually

23.34 Top of divide to Ex W.

Descend gradually

46.00 Set a Basalt stone $16 \times 10 \times 9$

ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$
on N face, Aug pit $18 \times 18 \times 12$
ins. N.E. of stone $5 \frac{1}{2}$ ft.

dist. and raised a mound
of earth $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft.
base along side.

80.00 Set a Basalt stone $26 \times 10 \times 9$

ins. 15 ins. in the ground
for Cor. to S'ces. 5, 6, 7 & 8.
marked with 5 notches on
E.S. edges, Aug pit $18 \times 18 \times 12$

T. 11 N. R. 24 E.

chains

in each sec. 5/8 ft. dist.
 and raised a mound
 of earth 2 ft. high 4/8 ft.
 base alongside,
 Sand Rolling
 Good grazing.
 Soil 2d rate.

East on a random line
bet. Secs. 5 & 8.

Cor. $13^{\circ} 30' E$

Nearly level

- 40.00 Set temporary 1/4 sec. cor.
- 47.18 cross drain course S. $27^{\circ} N$.
- 79.70 Intersect Prod. line 31
 lles S. of cor. to Secs.
 4, 5, 8 & 9. Thence down

S. 11 N. R. 24 E.

Chain

S. $89^{\circ} 47' W.$ on a true line
bet. Secs 5 & 8: with same or

39.85 Set a Post on edge of dry
Basin 4 ft. long 4 in. $\frac{1}{2}$
with marked stone 12
in. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ in.
on N face dug pits 18 in
sw. Ex N. of post $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
ft. base around post.

79.70 The cor. to Secs. 5, 6, 7 & 8.
Land Rolling.

Good grazing.
Soil 2^d rate.

S. 11 N. R 24 E.

chain

West on a random line
bet. Secs. 6 & 7.Nor. $13^{\circ}30'E$.

Level ground

21.00 cross drain come N. $23^{\circ}E$.

ascend

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

78.81 Intersect N. By of Sp.

30 lks S. of cor. to Secs.

1.6. 7 & 12 which is a

Basalt stone, marked

with 1 notch on N & 5

notches on S. edge, with

remnant of stone

along side.

Hence I run S. $89^{\circ}47'E$
on a true line bet. secs

T. 11 N. R. 24 E.

chains

6 & 7. with same va.

38. 81. Set a Basalt stone 18" x 10" x 7
ins. 12 ins. in the ground
for 1/4 sec. cor. marked 1/4
on N. face, and raised a
mound of stone alongside.

78. 81. The ^{points} cor. to Secs. 5, 6, 7 & 8.

Land Rolling.

Good grazing.

Soil 3^d set

Scattering Jasper.

North on a random line
bet. Secs. 5 & 6.

Var. 13° 30' E!

over level land

4000 Set temporary 1/4 sec. cor.

8020 Intersect N. By of N.

S. 11 N. R. 24 E.

chains

15 lbs W. of Cor. Secs. 5, 6
31 x 32. which is a
Basalt stone marked with
5 notches on E. & 1 notch
on W. edges, with mound
of stone alongside.

Thence I run S. 6° W. on
a true line bet. Secs. 5 & 6
with same or.

40.20 Set a Basalt stone 15 x 10 x 6
ins. 10 ins. in the ground
for 1/4 sec. cor. marked 1/4
on W. face, dug pits
18 x 18 x 12 ins. West. of
stone 5/8 ft. dist. and
raised a mound of
earth 1/4 ft. high 3/4 ft.

T. 11 N. R. 24 E.

choirs

base alongside

80.20 The cor. to Secs. 5, 6, 7 & 8.

Land Rolling

Soil 2^d rate

Good grazing.

I carefully examined
the adjustments of my
Solar Compass today,
particularly the latitude
and reversing apparatus
and found them correct.

Aug 10. 1882.

T. 11 N. R. 24 E.

General Description

This Township is mostly
high, rolling mesa
land, with Juniper
& Piñon Pine in all parts
of the township, and
some underbrush of Juniper

There is an abundance
of Buffalo and Bunch
grass, ^{The ground is} covered with
Bozaltic stones.

There is no water except
in Pools or lakes.

There is a lake in Sec.
17 one on Northern
Boundary of Sec. 16.
and two dry lakes on
the North Boundary
of Township.

N. 11 N. R. 24 E.

House and fencing
on Sec. 16. belong to
Romulo Popalla value
\$350.⁰⁰/₁₀₀

Sold mostly 2^d ^{3^d} rate.

U. S. Surveyor General's Office,
Tucson, Arizona, February 7, 1883,

The foregoing Field Notes of the survey of

Subdivision Lines,
of Township 11 North,
Range 24 East,

of the Gila and Salt River Base and Meridian, Arizona,
executed by O. L. Wheeler,
D. S., under his contract of the 31st day of
May, 1882, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

J. W. Robinson
Surveyor General.