

No-209

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

-OF-

Township *15 N* Range *26 E*

Gila and Salt River Base and Meridian

ARIZONA.

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

under contract dated *May 31 1882*

Survey commenced *Sept 2 1882*

Survey completed *Sept 5 1882*

No-209

209

Township No. 16 N. Range No. 26 E. 8419 Meridian.

BOOK 209



No. 209



TOWNSHIP PLOT.

Meridian Line,

★ Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work,

2

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Township 15 N.

Range 26 E

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Gila and Salt River, Arizona.

ARIZONA.

No-209

Subdivision T. 15 N. R. 26 E.

Gila & Salt River Meridian

Survey commenced Sept 2^d.
1882. with a Burts Patent
Improved Solar Compass,
nearly new, and in first
rate order, made by Otto
Dreuel of Cassel Germany
in 1881.

Before proceeding to sub-
divide this Tp. I made a
change of 6 minutes in
the latitude arc of my
Solar Compass by adding
same to the reading pre-
viously given, and at once
verified and corrected same
by observation on the sun,

S. 15 N. R 26 E.

chain

Also further tested instrument by reversing.

From the cor. to Secs. 1. 2. 35736
on S. By of Township. which
is a Post. 4 ins square,
properly marked and
notched with pits and
earth mound alongside.

Thence I run North bet.
Secs. 35736.

Var. $14^{\circ} 10' E$.
observed with solar compass
over valley.

S. 15 N. R. 26 E.

chains

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

- 4.00 Horse brs N. 84° W. 11.00 chodist.
- 4.00 Set a Sandstone $12 \times 10 \times 8$ ins.
8 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on W.
face, ^{dig pit $18 \times 18 \times 12$ ins. 1/2 m. E. of stone. 1/2 ft. dist.} and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base alongside
- 8.00 Set a Sandstone $14 \times 12 \times 6$ ins.
10 ins. in the ground, for cor.
to Secs. 25, 26, 35 & 36, marked
with 1 notch on E.S. edge,
dig pit $18 \times 18 \times 12$ 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-
side.
- Land Rolling.
Soil 2d rate
Good grazing.

S. 15 N. R. 26 E.

chains

Having retraced the Exterior Boundaries of this Township before commencing the Subdivision thereof and having after a very careful examination found that the average course of South Boundary of this Township is N. 84° E. & S. 84° W. from N. 84° E. on a random line bet. Secs. 25 & 36.

Var. 14° 10' E!

	Ascend gradually
35.00	Leave Valley to N.W.S.
	Ascend
40.00	Set temporary 1/4 sec. bor.
80.16	Intersect E. By of Sp.

S. 15 N. R. 26 E.

chains

10 lps N. of cor. to Secs. 25 & 30, 31, & 36, which is a ~~Post. 4 ft. long 4 ins. sq. properly marked & watched with pits and earth mound around post.~~
 A Sandstone marked with 5 notches on N & 1 notch on S edges, with pits and earth mound alongside.

Thence down S. $84^{\circ} 04' N.$ on a true line bet. Secs.

25 & 36. with same va.

40.08 Set a Sandstone 10 & 8 & 8 lvs. 6 ins. in the ground, for $1/4$ Sec. cor. marked $1/4$ on N. face, dug pit 18 & 18 & 12 lvs. Ex N. of post $5/8$ ft. dist.

S. 15 N. R. 26 E.

Chairs

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

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

North bet. Secs. 25 & 26.

Var. $140^{\circ} 15' E!$

Ascend across valley

4000 Set a sandstone $12 \times 12 \times 8$
ins. 8 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face dug pits
 $18 \times 18 \times 1$ ins. nos. of
stone $5\frac{1}{2}$ ft. dist. and

S. 15 N. R. 26 E.

chains

raised a mound of earth
1 1/2 ft. high 3 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.
Sess. 23, 24, 25 & 26, marked
S. 15 N. S. 24 on N. E.
R. 26 E. S. 25 on S. E.
S. 26 on S. W. and
S. 23 on N. W. faces, with
1 notch on E. & 2 notches on
S. edges, dug pits 18 x 18 x 12
ins. in each sec. 5/8 ft. dist.
and raised a mound of
earth 2 ft. high 4 1/2 ft. base
around post.
Sand nearly level

S. 15 N. R. 26 E.

chains

Soil 2^d rate
Good grazing.

N. 84° E. on a random line
 bet. Secs. 24 & 25.

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

over Rolling ground

4000 Set temporary $\frac{1}{4}$ sec. cor.

80.28 Intersect E. By of Sp. 15 lbs
 S of cor. to Secs. 19 & 24 & 25 & 30.

which is a Post 4 ins.

square, properly marked
 and notched with
 pits in each sec. and
 mound of earth
 around post.

11

S. 15 N. R. 26 E

chains

Thence I run S. $83^{\circ}54'$ W.
on a true line bet. Secs.
24 & 25 with same va.

40.14 Set a Post 4 ft. long 4 ins. dia.
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ s on N face
dug pits 18 & 18 & 12 ins. E & W.
of post $\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base round
post

80.28 The Cor. to Secs. 23, 24, 25 & 26
Land Hilly
Soil 2^d rate
Good grazing.

S. 15 N. R. 26 E.

chains

North bet. Secs. 23 & 24

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

Ascending over rolling ground

40.00 Set a sandstone $12 \times 6 \times 6$ ins.

8 ins. in the ground for $\frac{1}{4}$ sec.

Cor. marked $\frac{1}{4}$ on N. side,

dig pit $18 \times 18 \times 12$ ins. W. S.

of stone 5 ft. dist. and

raised a mound of earth

$\frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base along

side

78.00 Enter scattering timber to E. W.

80.00 Set a post 4 ft. long, 4 ins. sq.

with marked stone 12 ins.

in the ground for cor. to Secs.

13, 14, 23 & 24. marked,

S. 15 N. S. 13 on N. E.

R. 26 E. S. 24 on S. E.

S. 15 N. R. 26 E.

Chains

S. 23 on S. W. and
 S. 14 on N. W. faces, with 1
 notch on E x 2 notches on
 Sedges, dug pits 18 x 18 x 12 ins.
 in each sec. 5/8 ft. dist.
 and raised a mound of
 earth 2 ft. high 4/8 ft. base
 around post.

Land Hilly
 Soil 3^d rate
 Good grass.

N. 84° E on a true line
 bet. Secs. 13 + 24

Var. 14° 10' E.

Ascend over Rolling ground
 4000 Set temporary 1/4 sec. cor.

S. 15 N. R. 26 E.

chains

80.39

Intersect E. By of Sp. 27 lbs
N. of cor. to Secs. 13. 18. 19 + 24.
which is a Post 4 ins.
square, properly marked
and notched with
pit in each side and
runned of earth
around post

Thence Iron S: $84^{\circ}12'W$.
on a true line bet. Secs. 13 + 24
with same va.

40.19

Set a Post 4 ft. long 4 ins. sq.
with marked steel pins in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N. face, dug
pits. 18 + 18 + 12 ins. E. W.

S. 15 N. R. 26 E.

chains

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

80.39 The cor. to Secs. 13, 14, 23 + 24.
Sand mountains
Soil 3^d rate.

North bet. Secs. 13 + 14.

Var. 14° 10' E.

ascending gradually in
scattering timber.

4000 Set a post ^{4 ft. long} 4 ins. dia. with
marked stone 12 ins. in the
ground, for 1/4 sec. cor. marked
1/4 S. on N. face dug pits
18 + 18 + 12 ins. N. S. of post.

S. 15 N. R. 26 E.

chains

5/8 ft. dist. and raised a mound of earth 1/2 ft. high
3/4 ft. base around post.

8000

Set about 4 ft. long 4 ins.
sq. with marked detail 12
ins. in the ground for
Cor. to Sec. N. 12. 13 & 14. marked
S. 11 N. S. 12 on N. E.

R. 26 E. S. 13 on S. E.

S. 14 on S. W. and

S. 11 on N. W. faces, with
1 notch on E and 4 notches
on S. edges, dug pits 18 x 18 x 12
ins. in each sec. 5/8 ft. dist.
and raised a mound of
earth 2 ft. high 2 1/2 ft. base
around post.

Land Hilly

S. 15 N. R 26 E.

chatus

Soil 2^d rate
 Good grazing
 Undergrowth of cedar.

N. 84° E. on a random line
 bet. Secs. 12 & 13.

Var. 14° 10' E.

Ascending gradually
 in scrub timber.

4000 Set temporary 1/4 sec. cor.
 80.12 Intersect E. Ry of Township
 21 Ets S. of cor. to Secs. 7, 12
 13 & 18. which is a
 Post 4 in. square prop-
 erly marked and
 notched, with in
 each sec, and

T. 15 N. R. 26 E.

chains

mound of earth
around post.

Thence I run S. $83^{\circ} 57' W.$
on a true line bet. Secs. 12+13
with same or

40.06 Set a post 4 ft. long 4 ins. dia.
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N face, dug
pits 18 x 18 x 12 ins. E. & W. 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.

80.12 The cor. to Secs. 11. 12. 13+14
land hilly
Soil 2^d rate

S. 15 N. R. 26 E.

chains

Good grazing.
Undergrowth of cedar.

Growth bet. Secs. 11 + 12
Var. $14^{\circ} 18' E.$

Ascending gradually in
scattering timber.

4000 Set a Post 3 ft. long 4 ins. dia.
with marked stone 12 ins in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on W face
dug pits 18 x 18 x 12 ins. W
S. 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.

8000 Set a Post 4 ft. long, 4 ins.

S. 15 N. R 26 E

chains

square, with marked stone
Pins in the ground, for
cor. to Secs. 1, 2, 11 & 12, marked
S. 15 N. S. 1 on N. E.

R. 26 E. S. 12 on S. E.

S. 11 on S. W. and

S. 2 on N. W. faces, with 1
notch on E and 5 notches
on S. edges, dug pits 18 x 18 x 12
ins. in each sec. 5/8 ft. dist.

and raised a mound of
earth 4 ft. high 4 1/2 ft. base
around post.

land mountainous

Soil 2^d rate

Good grazing.

Number of Scrub cedar

S. 15 N. R 26 E.

chains

N. 84° E. on a random
line bet. Secs. 14 & 12.

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

Ascending gradually

40.00

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

80.13

Intersect E. By of Sp. 40
lks S. of cor. to Secs. 16.
7 & 12. which is a

Post 4 ins. square
properly marked and
notched, with pits in
each sec. and mound
of earth around
post

Thence run S. $83^{\circ} 43' W.$
on a true line bet. Secs. 14 & 12
with same va.

40.07

Set a post 4 ft. long 4 ins. dia.

S. 15 N. R. 26 E.

Chains

with marked stone pins.
in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N face dug
pits $18 \times 18 \times 12$ ins. Ex W. 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.

80.13 The cor. to Secs. 1, 2, 10 & 12
Land Rolling & mount-
ainous, Soil 2d rate
Good grazing.

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

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

S. 15 N. R 26 E

chain

11.00 Edge of Mesa to N. E & S. W.
descend abruptly

21.50 Cross Gulch 5000 wide course
S. 30° W. ascend over broken
hills.

40.00 Set temporary 1/4 sec. cor.

80.56 Intersect N. Ry of Tp. 23 lbs
E. of cor. to Secs. 1, 2, 3, 5 & 36.

which is a limestone
set firmly in the ground
properly notched, with
pits in each sec. and
mounds of earth
along side.

Thence run S. 10' E. on a
true line bet. Secs. 1 & 2
with same va.

N. 15 N. R. 26 E.

- chains
40.56 Set a Sandstone 13+12+9 ins.
8 ins. in the ground, for $\frac{1}{4}$
sec. Cor. marked $\frac{1}{4}$ on N.
face, dug pit 18+18+12 ins.
N.S. of stone 5/8 ft. dist.
and raised a mound of
earth 1/2 ft. high 3/8 ft. base
along side.
- 80.56 Ply. Cor. to Spec. 1, 2, 11+12
Land mountainous
Soil 3^d rate
Good grazing.

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

S. 15 N. R. 26 E.

Chains

correct.

Sept. 2, 1882.

From the Cor. to Secs. 2, 3.
34 & 35. on S. By of N.
which is a Sand
stone properly notched
with pits in each sec.
and mound of earth
alongside.

House 1/2 mi North bet.
Secs. 34 & 35.

Var. 140° 10' E.

Ascending.

40.00 Set a Sandstone 12x8x8 in.

S. 15 N. R. 26 E.

Chairs

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
 pits impracticable.

6 a.m.

Spur to East 90 ft. high
 we used

8 a.m.

Set a Sandstone $12 \times 9 \times 6$
 ins. 8 ins. in the ground
 for cor. to Secs. 26, 27, 34 &
 35; marked with notches
 on E & 1 notch on S. edge,
 and raised a mound of
 stone alongside pits imp-
 racticable

Land Mountainous

Soil 4th rate

Good grass.

S. 15 N. R. 26 E.

Chains

N. 84° E. on a random
line bet. Secs. 26 + 35.
Var. 14° $10'$ E.

Descending.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
78.16 Dry Wash 100ks wide, course S.
79.00 Enter valley bet. N.S. 70ft deep
80.64 Intersect N.S. line 300ks
S of cor. to Secs. 25-26. 35+36.
Thence I run S. 83° $45'$ W.
on a true line bet. Secs. 26+35.
with same va
- 40.32 Set a Sandstone 12x12x10
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 alongside
Pit impracticable.

S. 15 N. R 26 E.

chains

80.64 The cor. to Secs. 26, 27, 34 & 35.
 Land mountainous
 Soil 4th rate
 Good grass.

North bet. Secs. 26 & 27.

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

Descend over broken spurs:

36.00 Enter valley by E. W.

Descend gradually

40.00 Set a sandstone $15 \times 12 \times 9$ ins.

10 ins. in the ground for $\frac{1}{4}$

sec. cor. marked $\frac{1}{4}$ on W.

face dug pits $18 \times 18 \times 12$ ins.

W. S. 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

S. 15 N. R 26 E.

Chains

47.30 Dry wash 15ths wide bro S. 85° W.
100ft. deep. Ascend

72.00 Enter broken Hills 50 to 80ft high

80.00 Set apart 4ft. long, 4 ins. sq.
with marked stone 12 ins. in
the ground, for cor. to sec.

22, 23, 26 & 27 marked

S. 15 N. S. 23. on N. E.

R. 26 E. S. 26 on S. E.

S. 27 on S. W. and

S. 22 on N. W. face, with 2
notches 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 1ft high
4 1/2 ft. base alongside.

Land broken & mountainous
Soil 3^d rate. Good grazing.

S. 15 N. R 26 E.

Chairs

N. 84° E. on a random line
bet. Secs. 23 & 26.

Cor. $14^{\circ} 16'$ E.

Descending.

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

80.15 Intersect $\frac{1}{4}$ sec. line 30th S.
of Cor. to Secs. 23, 24, 25, & 26.

Thence run S. $83^{\circ} 47'$ W.
on a true line bet. Secs. 23 & 26
with same or.

40.00 Set a post 4 ft. long 4 ins. dia.
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 $\frac{1}{2}$ ft. dist. and raised
a mound of earth 1 $\frac{1}{2}$ ft.
high 3 $\frac{1}{2}$ ft. base around
post.

S. 15 N. R. 26 E.

chains

80.15

The cor. to Secs. 22, 23, 26 & 27
 Land broken & mountainous
 Soil 3^d rate
 Good grazing.

North bet. Secs. 22 & 23.

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

Ascending over broken Hills.

4000

Set a Post 4 ft. long, 4 ins dia.
 with marked stone 12 ins in
 the ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ S. on N. face, dug
 pits 18 & 18 & 12 ins. N.W. 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.

S. 15 N. R. 26 E.

chains

59.50 Enter scrub Timber lvs Ek W.
and ascend Ridge lvs Ek W. 200 ft high
Descend gradually.

80.00 Set about 4 ft. long 4 ins. sq.
with marked stone pins in
the ground, for Cor. to Secs.

14. 15. 22. 23. marked

S. 15 N. S. 14 on N. E.

R 26 E. S. 23 on S. E.

S. 22 on S. W. and

S. 15 on N. W. ^{with 200 ft long Ek 300 ft high} faces, ^{on S. edge.} dug
pits 18x18x12 ins. in each

sec. 5 1/2 ft. dist. and raised
a mound of earth 2 ft high
4 1/2 ft. base around pit.

Land Rolling.

Soil 2d rate

Timber scrub Cedar

S. 15 N. R. 26 E.

chains

N. 84° E. on a random line
bet. Secs. 14 + 23.

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

Ascending gradually in timber
4000 Set temporary $\frac{1}{4}$ sec. cor.

80.26 Intersect N. & S. line 25 lks S.
of cor. to Secs. 13, 14, 23 + 24.

Thence run S. $83^{\circ} 49'$ W.

on a true line bet. Secs. 14 + 23,
with same va.

40.13 Set a post 4 ft. long 4 ins sq.
with marked stone lines in
the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N. face dig
pits 18 x 18 x 12 ins. E. & W. 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
from which

T. 15 N. R. 26 E.

Chains

a cedar virus. dia. br. N. 61° E. 57 lbs. dist.
marked 1/4 S. B. P.

80.26 The cor. to Secs. 14, 15, 22 & 23.

Land mountainous

Soil 2^d rate

Good grazing.

North bet. Secs. 14 & 15.

Var. 14° 10' E.

Descending in scattering banks

7.30 Dry wash 5 lbs wide, course

N. 70° W. 50 ft. deep.

Ascend gradually

31.50 Spur to N. 60 ft. high

Descend

4000 Set a Post 4 ft. long 4 in dia.

with marked stone 12 ins.

S. 15 N. R. 26 E.

Chains

in the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on W. face, dug
pits $18 \times 18 \times 12$ ins. N.S. 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.

57.80 Cross gulch $6\frac{1}{2}$ wide course
S. 85° W. 60 ft. deep. Record

80.00 Set a Sandstone $14 \times 12 \times 6$ ins.
10 ins. in the ground, for cor.
to Secs. 10, 11, 14 & 15, marked
with 2 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
alongside.

Land broken & mountainous

S. 15 N. R. 26 E.

chain

Soil 3^d rate
 Timber scattering cedar
 Good Grass.

N. 84° E. on a random line
 bet. Secs. 11 & 14.

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

Ascending gradually in
 scrub timber.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
 80.00 Intersect N.S. line 22 chs.
 of cor. to Secs. 11, 12, 13 & 14.
 Hence I run S. $83^{\circ} 51' W.$
 on a true line bet. Secs.
 11 & 14. with same va.

40.04 Set about 4 ft. long, 4 ins.
 dia. with marked stone, 12

S. 15 N. R. 26 E.

chains

ins. in the ground, for $\frac{1}{4}$ sec.
 Cor. marked $\frac{1}{4}$ S. on N. face
 dug pits $18 \times 18 \times 12$ ins. E. & W.
 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.

80.00 The Cor. & Secs. 10, 11, 14 & 15.

Land unimproved

Soil 2^d rate

Good grazing.

Timber scrub cedar.

North bet. Secs. 10 & 11

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

Ascending.

40.00 Set a Pandetone $12 \times 8 \times 8$ ins.

S. 15 N. R. 26 E.

chains

8 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ ins. N.W. of cor. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side.

71.30 Top of spur to W. 100 ft high
Descent

80.00 Set a post 4 ft. long, 4 ins. sq. with marked stone 12 ins. in the ground, for Cor. to Secs. 2, 3, 10 & 11. marked
S. 15 N. S. 2 on N. E.
R. 26 E. S. 11 on S. E.
S. 10 on S. W. and
S. 3 on N. W. faces. with
notches on E. 5 notches

S. 15 N. R 26 E.

chain

on S. edges, dug pits 18x18x12
ins. in each sec. 5/8 ft. dist.
and raised a mound of
earth 2 ft. high 4/8 ft. base
around Post.

Sand broken & unstratified
Soil 3^d rate
Scattering beds.

N. 84° E. on a random
line bet. Secs 2 & 11.

Var. 14° 10' E

Ascend gradually

4000 Set temporary 1/4 sec. cor.

80.42 Intersect N. S. line 32 lbs

S. of cor to Secs. 1, 2, 11 & 12.

Hence true S. 83° 46' 77.

S. 15 N. R. 26 E.

Stains

on a true line bet. Secs. 2 & 11
with same va.

40.21 Set a post 4 ft. long 5 ins. dia.
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N. face, dug
pits 18 x 18 x 12 ins. E. & W. 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.

80.42 The cor. to Secs. 2, 3, 10 & 11.
Land rolling & mountainous
Soil 2^d rate
Scattering cedar.

S. 15 N. R. 26 E.

Chains

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

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

Descending over broken ground

7.00 Leave timber for Ex. W.

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

80.48 Intersect N. By 18 lks E.
of cor. to Secs. 2, 3, 34 & 35,
which is a

Sandstone properly
notched, with pits
in each sec, and
earth mound along
side,

Thence from S. $8'$ E. on a
true line bet. Secs. 2 & 3.
with same va.

N. 15 N. R. 26 E.

chains

40.48 Set a Post 4 ft. long 5 ins. dia with marked stone 12 ins. in the ground, for $1/4$ sec. cor. marked $1/4$ S. on W. face, dug pits $18 \times 18 \times 12$ ins. W. of post $5/8$ ft. dist. and raised a mound of earth $1/8$ ft. high $3/8$ ft. base around post.

20.48 The cor. to Secs. 2, 3, 10 & 11.
Land broken & unmountainous
Soil 3^d rate
Good grazing.

I carefully examined the adjustments of my solar compass today, particularly the latitude and reversing

S. 15 N. R. 26 E.

chains

apparatus and found them correct.

Sept 2, 1882.

From the Cor. to Secs. 3 & 4.
33 & 34 on S. By of P.
which is a Sandstone
properly notched with
stone round along-
side.

Thence I run North, bet.
Secs. 33 & 34.

S. 15 N. R 26 E.

chains

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

Ascending.

40.00 Set a Sandstone $12 \times 10 \times 6$ ins.
8 ins. in the ground, for $\frac{1}{4}$
sec. Cor. marked $\frac{1}{4}$ on W. face
dug pits $18 \times 18 \times 12$ ins. N. & S.
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 Sandstone $12 \times 12 \times 8$ ins.
8 ins. in the ground, for cor.
4 Secs. 27, 28, 33 & 34. marked
with 3 notches on E & 1 notch
on S. edges, and raised a
mound of stone along side
Pit unpracticable.
Land hilly

S. 15 N. R. 26 E.

Chains

Soil 2^d rate
Good grazing.

N. 84° E! on a random line
 bet. Secs. 27 & 34.

Var. 14° 10' E!

Ascending.

40.00 Set temporary 1/4 sec. cor.

52.00 Divide to N.S. 80 ft high.

Descend

80.71 Intersect N.S. line 42 lbs

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

Thence from S. 83° 42' W.

on a true line bet. Secs. 27 & 34

with same va.

40.35 Set a sandstone 12 x 9 x 7 ins.

8 ins. in the ground, for 1/4

S. 15 N. R. 26 E.

chains

sec. cor. marked $1/4$ on N. face, dug pits $18 \times 18 \times 12$ ins. E. W. of cor. $5 \frac{1}{2}$ ft. dist. and raised a mound of earth $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base alongside.

80.71 The cor. to Secs. 27, 28, 33 & 34.
Land mountainous
Soil 3^d rate
Good grazing.

North bet. Secs. 27 & 28.

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

Descending.

11.84 Dry Wash 20 lbs wide, course S.W. 20 ft. deep. Ascend.

40.00 Set a Post 4 ft. long, 4 in. dia. with marked stone pin in the ground per $1/4$ etc. cor. marked $1/4$ on N. face dug pits 18×18 ins. N. & S. of Post $5 \frac{1}{2}$ ft. dist. land raised a mound of earth $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base around post.

S. 15 N. R 26 E.

Chain
80.00

Set a Lava stone $17 \times 12 \times 10$ ins.
10 ins. in the ground for cor. to
Secs. 21, 22, 27 & 28. marked with
sitches on E & sitches on S. edges,
and raised a mound of stone along
side. Pits impracticable.
Land mountainous
Soil 3^d rate.
Good grazing.

N. 84° E. on a random line bet.
Secs. 22 & 27. with

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

Ascending over broken Hills.

40.00 Set temporary $1/4$ sec. cor.
80.63 Intersect W.S. line 28 lbs S. of
cor. to Secs. 22 & 23, 26 & 27.

S. 15 N. R. 26 E.

chains

Place Iron S. $83^{\circ}48'W.$
on a true line bet. Secs. 22+27
with same ca.

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

80.63 The cor. to Secs. 21, 22, 27+28.
Land mountainous
Soil 3^d rate
Good grass.

North bet. Secs. 21+22.

S. 15 N. R 26 E.

Chalero

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

Ascending

- 40.00 Set a Post 3 ft. long, 4 in. dia. with marked stone 12 in. in the ground, for $1/4$ Sec. Cor. marked $1/4$ S. on W. face, dug pit 18 x 18 x 12 in. N.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.
- 72.00 Enter cutting timber to E.W.
- 80.00 Set a lava stone 12 x 10 x 8 in. 8 in. in the ground for Cor. to Secs. 15 & 16. 21 & 22 marked with notches on E & S. edges, dug pits 18 x 18 x 12 in. in each sec. $5 1/2$ ft. dist. and raised a mound of earth 2 ft. high

S. 15 N. R. 26 E.

chains

4 1/2 ft. base alongside
Laud montanum
Soil 2^d rate
Good grazing.

N. 84° E. on a random
line, bet. Secs. 15 & 22.

Var. 14° 10' E.

Ascend gradually

40.00 Set temporary 1/4 sec. cor.

80.16 Intersect 1/4 sec. line 24 lbs

Sof cor. to Secs. 14, 15, 22 & 23.

Hence I run S. 83° 50' W. on
a true line bet. Secs. 15 & 22
with same va.

40.00 Set a Post 4 ft. long 5 ins. dia
with marked stone 12 ins. in

S. 15 N. R. 26 E.

chains

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 ft. dist. and raised a
mound of earth 1 ft. high
3 ft. base around post.

80.16

The cor. to Secs. 15, 16, 21 & 22
Sand mountainous
Soil 3^d out
Good grass.

North bet. Secs. 15 & 16.
Var. 14th E¹

Descending in timber
Leave timber to E & W.

1000

4000

Set a post 4 ft. long, 4 ins.
dia. with marked stone 12

S. 15 N. R. 26 E.

Chains

ius. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. on N.

face, dug pits $18 \times 18 \times 2$ in.

W.S. of post $3 \frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base around
post.

68.20 Dry Wash 12 lks wide, course
S 60° W.

79.50 Dry wash 10 lks wide course
S. 30° W. 70 ft. deep.
ascend

80.00 Set a Sandstone 15710×6 in.
10 in. in the ground for cor
to Secs. 9, 10, 15, 16. marked
with 3 notches on 2 & 4 notches
on S. edges, dug pits $18 \times 18 \times 2$
in each sec. $5 \frac{1}{2}$ ft. dist. and

S. 15 N. R. 26 E.

chain

raised a mound of earth 2 ft.
high 4 ft. base alongside.

Land Rolling

Soil 2d rate

Strub beds

Good grazing.

N. 84° E! on a random line
bet. Secs. 10 & 15.

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

Ascending over broken ground

1.13 dry Wash 10 lbs wide course

S. 30° W.

40.00 Set temporary $1/4$ sec. cor

80.44 Intersect W.S. line 48 lbs

S. of Cor. to Secs. 10, 11, 14 & 15.

Thence Inm S. $83^{\circ} 39'$ W.

N. 15 N. R 26 E.

chains

on a true line bet. Secs. 10 & 15.
with same va

40.22 Set a Post 4 ft. long, 4 ins. dia.
with marked eton 12 ins. in
the ground for 1/4 sec. Cor.
marked 1/4 on N face, dug
pits 18 x 18 x 12 ins. E. N. of post.
5 1/2 ft. dist. and raised a
mound of earth 1 1/2 ft. high
3/4 ft. base around Post.

80.44 The Cor. to Secs. 9, 10, 15 & 16.
Sand mountainous
Soil 3rd rate
good grazing.

North bet. Secs. 9 & 10.
Var. 14° 10' E.

S. 15 N. R 26 E

chains

Ascending.

40.00 Set a Sandstone 17x14x10
ins. 12 ins. in the ground
for 1/4 sec. Cor. marked 1/4
on W face, dug pits 18x18x12
ins. W. of stone 3 1/2 ft. dist
and raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base along edge

57.00 Top of Ridge to N. 70° E. & S. 70° W.
5 ft. high Descend

80.00 Set a Lava stone 14x11x10
ins. 9 ins. in the ground
for Cor. to Secs. 3, 4, 9 & 10.
marked with 3 notches on
N. & 5 notches on S. edges,
dug pits 18x18x12 ins. in
each sec. 3 1/2 ft. dist. and
raised a mound of earth.

S. 15 N. R 26 E

chains

2 ft. high, 4 1/2 ft. base along
side.

Land Rolling
Soil 2d rate
Good grazing.

N. 84° E. on a random
line bet. Secs. 3 & 10.

Var. 14° 10' E!

Ascending.

40.00 Set temporary 1/4 sec. cor.

70.00 Luter timber bet. E & S. W.

80.36 Intersect Nat. line 18 lbs. h.

of Cor. to Secs. 2, 3, 10² 1/4
since from S 84° 00' W. of a line with same cor.

40.18 Set about 4 ft. long, 4 in.

dia. with marked stone
pins in the ground for

N. 15 N. R. 26 E.

chain

1/4 sec. cor. marked 1/4 S. on
N. face dug pits 18+18+12 in.
Ex N. of post 5 1/2 ft. dist.
and raised a mound of
earth 1 1/2 ft. high 3 1/2 ft. base
long side.

80. 36 The cor. to Secs. 3, 4, 9 & 10.
Land broken & mountainous
Soil 2d rate
Good grazing.

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

Var. 140 10' E.

Descending.

30.00 Surf Wash rolls with curve E. West
soft deep. ascend.

§. 15 N. R. 26 E.

chains

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

80.38 Intersect N. By of Sp. 28
 100 E of cor. to Secs. 3, 4, 33 & 34,
 which is a Petrified
 Wood properly notched
 with pits in each sec.
 and mound of earth
 alongside.

Hence I run S. 12° E. on
 a true line bet. Secs. 3 & 4,
 with same va

40.38 Set a Lava stone $16 \times 14 \times 10$ ins.
 10 ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
 on N. face dug pits $18 \times 18 \times 12$
 ins. N. & S. of stone $5 \frac{1}{2}$ ft.

N. 15 W. R 26 E.

chains

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

80.38 The Cor. to Secs. 3, 4, 9 & 10.
Sand rolling.

Soil 2^d rate
Good grazing.

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

Sept. 14. 1882.

N. 15 N. R. 26 E.

chains

From the Cor. to Secs. 4.5.
32 x 33 on South By of S.
which is a Post. 4 ins.
square properly marked
and notched, with
pits, and mound of
earth around post.

Thence I run North bet.
Secs. 32 x 33

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

across Valley

17.58 Dry Wash 100 ft wide course
S 30° W.

40.00 Set a sandstone 12 x 6 x 6 ins
8 in. in the ground for $\frac{1}{4}$

S. 15 N. R. 26 E

chain

Sec. cor. marked 1/4 on N. face, dug pits 18x18x12 ins. Nos. 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 Post, 4 ft. long 4 ins. sq. with marked stone 12 ins. in the ground for cor. to Sec.

28 29 32 + 33 marked
S. 15 N. S. 28 on N. R. 26 E. S. 32 on S. E. S. 32 on S. W. and S. 29 on N. W.

4 ft. notches on E. and 1 notch on S. edges, dug pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 1 ft high, 4 1/2 ft. base around post.

Land Hilly
Soil 2d rate

N. 15 N. R 26 E.

chains

Good grazing.

N. 84° E. on a random line
bet. Secs. 28 + 33.

Var. 14° 10' E!

Across Valley

40.00 Set temporary 1/4 sec. cor.

68.22 Dry wash 10 lks wide, course S. 70°

80.13 Intersect W. line 8 lks N.

at cor. to Secs. 27, 28, 33 + 34.

40.07 ^{the same as above S. 84° 23' W. on a true line bet. Secs. 28 + 33} Set a sandstone 12 + 12 + 10 lks.

8 ins. in the ground for 1/4
sec. Cor. marked 1/4 on N.

face, dug pit 18 + 18 + 12 ins.

Ex W. of stone 5 1/2 ft. dist.

and raised a mound of
earth 1 1/2 ft. high 3 1/2 ft. base

N. 15 N. R 26 E

- cheirus

along side.

80.13

The cor. to secs. 28, 29, 32 & 33.
land in valley
Soil 2^d rate
Good grazing.

North bet. Secs. 28 & 29.

Var. 14° 10' E.

Ascending.

28.00 Ridge to E & W. 20 ft. high
Descent

40.00 Set a post 4 ft. long 4 ins. sq.
with marked stone pins
in the ground for 1/4 sec. cor.
marked 1/4 S. on W. face
dug pits 18 x 18 x 12 ins. W. of
of post 5/8 ft. dist. and

S. 15 N. R. 26 E.

chains

raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base around
post

53.00

Enter timber by Ex W.

80.00

Set a large stake 12x10x8 ins.
8 ins. in the ground for ex.

to Secs. 20, 21, 28, 29, marked with
4 notches on E & 2 notches on S. edge.

and raised a mound of stake
along side, from which

a cedar 14 ins. dia. br. N. 23° W. 24 lbs dirt
marked S. 15 N. R. 26 E. S. 20 B. D.

a cedar 18 ins. dia. br. N. 47° E. 57 lbs dirt
marked S. 15 N. R. 26 E. S. 21 B. D.

a cedar 24 ins. dia. br. S. 35° W. 18 lbs dirt
marked S. 15 N. R. 26 E. S. 29 B. D.

a cedar 20 ins. dia. br. S. 60° E. 1.08 lbs dirt
marked S. 15 N. R. 26 E. S. 28 B. D.

Subdivision T. 15 N. R. 26 E. continued

chains.

Land unmountainous.
 Soil 3^d rate
 Timber scattering cedar
 Good grazing.

N. 84° E. on a random line
 bet. Secs. 21 & 28.

Nor. 14° 10' E.

Ascending.

- 25.00 Leave timber on N. & S.
 26.00 Ridge on N. 70° E. & S. 70° W.
 140 ft. high. Descend
 40.00 Set temporary 1/4 sec. cor.
 80.42 Intersect N. & S. line 20 lbs S. of
 cor. to Secs 21, 22, 27 & 28.
 Thence down S. 83° 51' W. on a
 true line, bet. Secs. 21 & 28.
 with same va.

T. 15 N. R. 26 E

chasus

40.21 Set a Lava Stone $14 \times 12 \times 8$ ins.
10 ins. in the ground, for $1/4$
sec. cor. marked $1/4$ on N.
face, and raised a mound
of stone alongside, Pts
unpracticable.

80.42 1/2 by cor. to Secs. 20, 21, 28 & 29.
Land mountainous
Soil 3^d rate
Timber scattering cedar.

North bet. Secs. 20 & 21.

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

Ascending.

40.00 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.

S. 15 N. R 26 E.

chains

on W. face dug pits $18 \times 18 \times 12$
ins. Nest 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.

57.00 Point of spur to S. 80° E. 20 ft
high descend

79.00 Depression to E. W. 20 ft deep.
Ascend

80.00 Set a post $1 \frac{1}{2}$ ft long 6 ins. square
with marked star 12 ins. in
the ground, for cor. W. Secs.

16. 17. 20 & 21. marked

S. 15 N. S. 16 on N. E.

R. 26 E. S. 21 on S. E.

S. 20 on S. W. and

S. 17 on N. W. faces, with

4 notches on E. & 3 notches.

on S. edges, dug pits $18 \times 18 \times 12$

S. 15 N. R. 26 E.

chains

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
around post.

Sand rolling

Soil 2d rate

Good grazing.

Timber scattering Cedar.

N. 84° E. on a random line
bet. Secs. 16 & 21.

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

Ascending in scattering timber

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

49.00 Enter timber bet N. W. & S. E.

80.36 Intersect N & S. line 23 lbs

Sof Cor. to Secs. 15, 16, 21 & 22.

Thence I run $S^{\circ} 83^{\circ} 50'$ N. on

N. 15 N. R. 26 E

Chains

a true line bet. Secs. 16 & 21
with same va.

40.18 Set a Sandstone 12x10x7 ins.
8 ins. in the ground for 1/4 sec.
Cor. marked 1/4 on N face
dug pits 18x18x12 ins. E W. of
cor. 5/8 ft. dist. and raised
mound of earth 1 1/2 ft. high 3/4 ft.
base alongside.

80.36 Ply cor. to Secs. 16, 17, 20 & 21.
Land mountainous
Soil 3^d rate
Timber scattering scrub
cedar.

North bet. Secs. 16 & 17.
Cor. 140 10' E.
Ascending

S. 15 N. R 26 E.

- | | |
|--------|--|
| chains | |
| 21.00 | Point of Ridge to E. 20ft high
descend |
| 40.00 | Set a Lava stone $10\frac{1}{2} \times 10\frac{1}{2} \times 6$ ins.
6 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W. face
dug pits $18 \times 18 \times 12$ ins. E.S.
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 alongside |
| 68.90 | Dry mesh 20 lbs wide across 2.65×2
4 ft deep. ascend |
| 80.00 | Set Lava stone $16 \times 12 \times 8$ ins.
11 ins. in the ground for cor.
to Secs. 8, 9, 16 & 17. marked
with 4 notches on E.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 alongside. |

S. 15 N. R 26 E.

chains

Land Rolling,
Soil 2d rate
Good grazing.

N 84° E. on a random line
bet. Secs. 9 & 16.

Var. 14° 10' E.

Ascending.

24.00 Ridge to N. E. & S. W. 40ft.
high. descend

40.00 Set temporary 1/4 sec. cor.

80.64 Intersect N.S. line 41 lbs
S. of cor. to Secs. 9, 10, 15 & 16.

Thence run S. 83° 42' W.
on a true line bet. Secs. 9 & 16.
with saws.

40.32 Set a post 4 ft. long 4 ins. sq.
with marked stone 12 ins. in

S. 15 N. R. 26 E.

chains

the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N. face, dug
pits $18 \times 18 \times 12$ ins. Et W. of
post. 5' ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. base, around
post.

80.64 The cor. to Secs. 8, 9, 16 & 17.
Land unimproved
Soil 2d rate
Good grazing.

North bet. Secs. 8 & 9.
Var. $140^{\circ} 10'$ E.

Ascending.

40.00 Set a Limestone $12 \times 10 \times 4$ ins.
8 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on

T. 15 N. R. 26 E.

chains

W. face, dug pits 18+18+12
 ins. Nos. of stone 5 1/2 ft. dist.
 and raised a mound of earth
 1 1/2 ft. high 3 1/2 ft. base alongside
 from S edge to E N: 30 ft high
 Descend

57.20

80.00

Set a Lava stone 20+16+10 ins.
 15 ins. in the ground for cor.
 to Secs. 4, 5, 8 & 9. Marked with
 4 notches on E & 5 notches on
 S edges, dug pits 18+18+12 ins.
 in each sec. 5 1/2 ft. dist.
 and raised a mound of
 earth 2 ft. high 4 1/2 ft. base
 alongside.

Land mountainous

Soil 2^d rate

Good grazing.

N. 15 N. R. 26 E.

chain

N. 84° E. on a true line,
bet. Secs. 4 & 9.

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

Ascending.

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

46.00 Ridge on N. 85° W. & S. 80° E.
50 ft. high descend

80.71 Intersect true line 28 lbs S.
of cor. to Secs. 3, 4, 9 & 10.

40.30 Thence run S. $83^{\circ} 48'$ W.
on a true line bet. Secs. 4 & 9,
with same var.

40.35 Set a lava stone $12 \times 10 \times 6$ in.
& in. in the ground, for $1/4$
sec. cor. marked $1/4$ on N.
face dug pits $18 \times 18 \times 12$ in.
E. N. 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

S. 15 N. R 26 E.

chains
80. 71

The cor. to Secs. 4, 5, 8 & 9.
Land mountainous
Soil 2d & 3d rate
Good grazing.

Went on a random line
bet. Secs. 4 & 5:

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

Descending:

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

43.18 brass Wash 10 lbs wide course
W. 40 ft deep. Ascend

80.09 Intersect N. Ry of T.P.
38 lbs E. of cor. to Secs. 4, 5,
32 & 33, which is a
Sandstone properly
notched, with pits
in each sec. and

15 N. R. 26 E

chain

a mound of earth
along side

Hence I run S. 16' E. on
a true line bet. Secs. 4 & 5.
with same va.

40.09 Set a Post 4 ft. long, 4 ins.
dia. with marked stake
12 ins. in the ground, for
1/4 sec. cor. marked 1/4 S.
on W. face dug pit 18 1/2 in
ins. N. 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.

80.09 The cor. to Secs. 4 & 5 18 1/2 ft.
sand rolling
Soil 2d rate

T. 15 N. R. 26 E.

chain

Good grazing.

I carefully examined
the adjustment of my
Solar Compass today, par-
ticularly the latitude
and reversing apparatus,
and found them correct.
Sept. 4. 1884.

N. 15 N. R. 26 E.

Chains

From the Cor. to Secs.
5, 6, 31 & 32 on S. By of
Sp. which is a Post
4 ins. square, properly
marked and notched
with pits in each sec.
and a round of
earth around
post.

Shovel Down North bet.
Secs. 31 & 32.

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

Ascending.

40.00

Set a post 4 ft. long, 4 ins.
sq. with marked stones in
ins. in the ground, for $\frac{1}{4}$
sec. Cor. marked $\frac{1}{4}$ S. on

S. 15 N. R. 26 E.

Chains

on W. face, dug pits 18x18x12 ins. N. & S. 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.

80.00 Set a Post 4 ft. long, 4 ins. sq. with marked stone 12 ins. in the ground, for cor. to Secs. 29, 30, 31 & 32, marked S. 15 N. E. 29 on N. E. R. 26 E. S. 32 on S. E. S. 31 on S. W. and S. 30 on N. W. faces, with 5 notches on E & 1 notch on S. edges, dug pits 18x18x12 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.

T. 15 N. R. 26 E.

chain

Land Hilly
Soil 3d. rate
Good Grass.

N. 84° E. on a random
line bet. Secs. 29 & 32.

Var. 14° 10' E.

Ascending.

27.00 As per bro north 20 ft high
Descent

40.00 Set temporary 1/4 sec. cor.

77.00 Enter valley bro N. Ex S. W.

80.26 Intersect N.S. line 31 lbs S.
of bro. to Secs. 28, 29, 32 & 33.

Hence from S 83° 47' W.
on a true line bet. Secs. 29 & 32.
with same va.

40.13 Set a Post. 4 ft. long 4 in. sq.

S. 15 N. R 26 E.

Chain

with marked stone 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on Insecty dug pit 18 x 18 x 12 ins. E. N. of post 5/8 ft. dist. and raised a mound of earth 1 1/2 ft. high 3/8 ft. base around post.

87.26 The cor - W sec. 29. 30. 31 152.

Land mountainous
Soil 3d rate
Good grass.

S. 84° W. on a random line bet. Secs. 30. & 31.

Var. 14 1/2' E.

Ascending.

J. 15 N. R. 26 E.

Chains

26.56 cross spur two in. E 50ft high
bleached

40.00 Set temporary 1/4 sec. cor.

115.48 Intersect W. By 23 lbs N. of
cor. to Secs. 25, 30, 31 & 36.

which is a Sandstone
properly notched
with pits in each sec.
and mound of earth
along side.

Thence I run N. 83° 50' E.
on a true line bet. Secs. 30 & 31,
with same va.

75.48 Set a sandstone 14" x 8" x 8" in.
10 ins. in the ground for 1/4
sec. cor. marked 1/4 on

S. 15 N. R. 26 E

chains

N. face, dug pits $18 \times 18 \times 12$
ins. E. W. of cor. $5 \frac{1}{2}$ ft. dist.
and raised a mound of
earth $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base
alongside.

115.48. The cor. to Secs. 29. 30. 31 & 32.
Land mountainous
Soil 3^d rate
Good Grass.

North bet. Secs. 29 & 30.
Var. $14^{\circ} 10' E$

Ascending

4000 Set a Lavastone $18 \times 16 \times 10$ ins.
 12 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on
N. face, dug pits $18 \times 18 \times 12$

S. 15 N. R. 26 E.

chains

ins. N.S. 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 alongside,

62.00 Ridge brs E & W. 40 ft high
beside

80.00 Set a sandstone $15 \times 10 \times 6$
ins. 10 ins. in the ground
for Cor. to Secs. 19, 20, 29 & 30
marked with 5 notches
on E & 2 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 alongside.
Land mountainous
Soil 3^d rate
Good grazing

S. 15 N R 26 E

chains

N. 84° E. on a random line, bet. Secs. 20 & 29.

Var. 14° 10' E.

ascending.

- 33.00 Enter timber to N.S.
- 40.00 Set temporary 1/4 sec. cor.
- 80.08 Intersect N.S. line 32 lks S. of cor. to Secs. 20, 21, 28 & 29.
- Thence I run S 83° 46' W. on a true line bet. Secs. 20 & 29. with same va.
- 40.04 Set a lava stone 12 & 10 & 8 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, from which a cedar 20 ins. dia. br. h. 10° E. 82 lks dist marked 1/4 S. B. P.
- a cedar 24 ins dia. br. S. 42° E. 70 lks dist marked 1/4 S. B. P.

S. 15 N. R 26 E.

chains
80.08 The cor. to Secs. 19, 20, 29 & 30
Land unimproved
Soil 2d. rate
Timber scrub & cedar
Good grazing.

S. 84° W. on a Random line
bet. Secs. 19 & 30.

Var. 14° 10' E!

Descending gradually

40.00 Set temporary 1/4 sec. cor.

88.70 Dry wash 6 lbs wide across S. W.

20 ft. deep. Ascend

113.00 Intersect W. By of Sp.

28 lbs N. of cor. to Secs. 19, 24,

25 & 30. which is a

Sandstone properly

S. 15 N. R 26 E.

chain

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

Thence Down N. 83° 48' E.
on true line bet. Secs. 19 & 30.
with same ea.

73.00 Set a sandstone 15 & 10 & 6 ins.
10 ins. in the ground for 1/4 sec.
Cor. marked 1/4 on N face
dig pits 18 & 18 & 12 ins. E. 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

113.00 The cor. to Secs. 19, 20, 29 & 30
Land Rolling.
Soil 3^d rate.
Good grass.

S. 15 N. R 26 E.

chains

North bet. Secs. 19 & 20.

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

Descending.

40.00

Set a Post 4 ft. long, 4 ins. dia. with marked stone 12 ins. in the ground for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ S! on W. face, dug pits $18 \times 18 \frac{1}{2}$ ins. 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?

80.00

Set a Post. 4 ft. long 4 ins. sq. with marked stone 12 ins. in the ground, for Cor. to Secs. 17, 18, 19 & 20. marked.

P. 15 N. S. 17 on N. E.

S. 15 N. R 26 E

chain

R. 26 E. 2000 S. E.
 S. 19 on S. W. and
 S. 18 on N. W. face, with
 5 notches on E & 3 notches
 on S. edges, dug pits 18-48 in
 in. in each sec. 5/8 ft. dist.
 and raised a mound of
 earth 2 ft. high 4/8 ft base
 around fort.

Land Rolling.

Soil 2d rate

Good grazing.

N. 84° E. on a random
 line bet. Secs. 17 + 20.

Var. 14° 10' E.

Ascending.

N. 15 N. R 26 E

Chains

40.00

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

80.13

Intersect Pres line 8 lbs N.
of cor. to Secs. 16, 17, 20 & 21.

Thence from S. $84^{\circ} 02'$ E.
on a true line bet. Secs.
19 & 20. with same on

40.07 Set a Sandstone $14 \times 12 \times 9$ in.

coins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on

It face, dug pits 18×18 in
diam. E. W. 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 along side.

80.13

The cor. to Secs. 17, 18, 19 & 20.

Land Rolling.

Soil 2^d rate

Good grazing.

S. 15 N. R 26 E.

chain

S. 84° W. on a random
line bet. S'ecs. 18 & 19.

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

Descending.

4000

50.36

Set temporary $\frac{1}{4}$ sec. bar.

By wash 10 lks wide, course.

S. 10° W. 40 ft. deep.

Ascend

114.85

Intersect W. By of Sp. 18
lks N. of cor. to Secs. 13,

18, 19, & 24, which is a

L'waetone properly
marked and notched
with pits in each sec.
and mound of earth
alongside,

Thence Down N. $83^{\circ} 52'$ E.

S. 15 N. R 26 E.

chains

on a true line bet. Secs.
18 & 19. with same va.

74.85 Set a lava stone $16 \times 12 \times 9$ 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.

Et W. of stone $5/8$ ft. dist.
and raised a mound of
earth $1/2$ ft. high $3/8$ ft.
base alongside.

114.85 The cor. to Secs. 17. 18. 19 & 20.

Sand Rolling

Soil 2d rate

Good grazing.

North bet. Secs. 17 & 18.

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

Descending.

J. 15 N. R. 26 E.

chains

37.00

by Wash 20 lbs wide, course
S. W. 10 ft. deep. Ascend

4000

Set a sandstone 12x10x6 in.
8 ins. in the ground for 1/4
sec. cor. marked 1/4 on W.
face, dug pits 18x18x12 ins.
N. S. of stone 5 1/2 ft. dist.
and raised a mound of
earth 1 1/2 ft. high 3 1/2 ft.
base alongside

8000

Set a lava stone 14x12x11
ins. 9 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 18x18x12 ins. in
each sec. 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high 4 1/2 ft. base alongside

N. 15 N. R 26 E

chain

Land Rolling.
Soil 2d rate
Good grazing.

N. 84° E! on a random
line bet. Secs. 8 & 17.

Cor. 140° 10' E!

Ascending

33.00 Top of Ridge to Pt. S. 30 ft
high. Descend

40.00 Set temporary 1/4 sec. cor.

67.40 by mesh rolls wide across S. W.

Ascend

80.26 Intersect N. S. line 19 lbs
S of cor. to Secs. 8, 9, 16 & 17.

Thence from S. 83° 52' W.
on a true line bet. Secs.
8 & 17. with same cor.

N. 15 N. R. 26 E

charms

40.13

Set a sandstone 10x10x8 ins.
 Cms. in the ground, for $\frac{1}{4}$
 sec. cor. marked $\frac{1}{4}$ on N.
 face, dug pits 18x18x12
 ins. E. W. of stone 5 feet.
 Dist. and raised ground
 of earth $1\frac{1}{2}$ feet high $3\frac{1}{2}$ feet
 base alongside.

80.26

The cor. to Secs. 7, 8, 17 & 18.
 Sand mountains
 Soil 3^d rate
 Good grass.

S. 84° W. on a random
 line, bet. Secs. 7 & 18.

Cor. 14° 10' E.

Descending gradually

40.00

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

N. 15 N. R. 26 E

chain

114.76 Intersect W. By of N. 24
lks N. of cor. to Secs. 7, 12,
13 & 18. which is a
Sandstone properly etched
with pits in each sec.
and a mound of earth
alongside

Thence I run N. $83^{\circ}49' E$
on a true line bet. Secs.
7 & 18. with same va.

74.76 Set a Lava stone $12 \times 10 \times 6$
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-

N. 15 N. R. 26 E.

chains

114.76

side, Pit impracticable
 The Cor. to Secs. 7 & 8. 1748
 Land Rolling
 Soil 2^d rate
Good grazing.

North bet. Secs. 7 & 8.
 Var. $14^{\circ} 10' E.$

Ascending

17.00

Point of view to East of high
 Descend

40.00

Set a Post 4 ft. long, 4 ins. dia.
 with marked stone pins
 in the ground for $1/4$ sec.
 Cor. marked $1/4$ S. on N.
 face dug pits 18 & 18 1/2
 ins. N.W. of post 5/8 ft. dist.
 and raised a mound of

S. 15 N. R 26 E

chains

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

- 76.06 Dry wash 200 ft. wide course
West 2 ft. deep. descend
- 80.00 Set above stone $12 \times 12 \times 10$
ins. 8 ins. in the ground, for
cor. w sees. 5, 6, 7 & 8. marked
with 5 notches on E & S. edges.
dug pits $18 \times 18 \times 12$ ins. in each
sec. 5 ft. dist. and raised
a mound of earth 1 ft.
high $4\frac{1}{2}$ ft. base along side.
Land Rolling.
Soil 2^d rate
Good grazing.

N. 84° E. on a random
line bet. Secs. 5 & 8.

T 15 N. R 26 E.

chains

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

Descending.

- 3.81 Dry wash 200 lbs wide course
S. $20^{\circ} W$. 10 ft. deep.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.12 Intersect N.S. line 16 lbs
S. of cor. to Secs. 4, 5, 8 & 9.
Thence I run S. $83^{\circ} 53' W$.
on a true line bet. Secs.
5 & 8. with same as.
- 40.06 Set a Post. 4 ft. long 6 ins.
dia. with marked stone 12
ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. on
N face, dug pits 18 x 18 x 12
ins. E & W. 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.

S. 15 N. R 26 E.

chain

80.12

The Cor. to Secs. 5, 6, 7 & 8.
Sand Rolling
Soil 2d rate
Good grazing.

S. 84° W. on a random line
bet. Secs. 6 & 7.

Var. 14° 10' E!

Descending.

5.87 broo Wash 250lbs wide course
South

22.02 broo Wash 175lbs wide course
S. W. 10ft deep. ascend

40.00 3rd temporary 1/4 sec. Cor.

65.42 Wash 250lbs wide course S. 20° W.
10ft deep. ascend

114.62 Intersect N. By of Sp.
12lbs South of Cor. to Secs.

S. 15 N. R 26 E

chain

1. C. 7 + 82, which is a
Post, 4 ins. sq. properly
marked & notched,
with pits in each sec.
5/2 ft. dist. and a
mound of earth around
post.

Thence Inm N. 84° 05' 8"
on a true line bet. Secs. 6 & 7
with same cu.

74. 62 Set above stone 100 100 6 ins.
bars in the ground for 1/4
sec. bar marked 1/4 on
N face, dug pits 18" 18" in
w. E. W. of stone 5/2 ft. dist.
and raised a mound
of earth 1/2 ft. high 3/4 ft.

S. 15 N. R. 26 E.

chains

- base alongside

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

Land Rolling.

Soil 2d rate

Good grazing.

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

Var. 14° 10' E.

Ascend gradually

4000 Set temporary 1/4 sec. cor.

80.54 Intersect N. 34 of Np.

34 lps West of cor. to Secs.

5, 6, 31 & 32, which is a

Sandstone properly

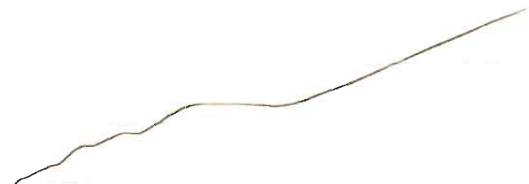
notched with pits in

each sec. and mound

of earth alongside

S. 15 N. R 26 E.

chains



Thence Iron S. 15' N. on
a true line, bet. Secs. 6 & 6
with same on.

40.54 Set a Sandstone 16 x 14 x 10
ins. 11 ins. in the ground
for 1/4 sec. Cor. marked
1/4 on N. face, dug pits
18 x 18 x 12 ins. W.S. of stone
5 1/2 ft. dist. and raised a
mound of earth 1 1/2 ft.
high 3 1/2 ft. base alongside

80.54 The cor. to Secs. 5, 6, 7 & 8.
Land Rolling.
Soil 2d rate
Good grazing.

S. 15 N. R. 26 E.

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

Sept. 5, 1882

T. 15 N. R. 26 E.

General Description

The land in this Tp. is generally rolling, the soil is 2d. & 3d. grade. There is some Juniper and cedar timber in different parts of the Township.

The undergrowth is the same as the timber, and there is good bunch grass throughout the Township.

Pobearpo Jaramillo has a Home and Corral in Sec. 35. value \$300.

Final Oaths for Surveys. 106

LIST OF NAMES.

A list of the names of the individuals employed by
Orville S Wheeler, United States
 Deputy Surveyor, to assist in running, measuring, and marking
 the lines and corners described in the foregoing field-notes of the
 survey of the Exterior Retracing and
 Subdivision lines of T 11 N. R. 22 E. Tps. 11, 12, 13 + 14 N. R. 24 E. Tps 11, 12 + 14 N
 R. 25 E. and Tps 11 + 15 N. R. 26 E,
 G. + S. R. M.

showing the respective capacities in which they acted.

- John Mahon*, Compassman.
Theodore Friese, Chainman.
H Black, Chainman.
J. Peterson, Chainman.
J. A. McFarland, Chainman.
M Nelson, Axeman. & Flagman
 , Axeman.
John Cishnes, Flagman. & Axeman

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Final Oaths of Assistants.

We hereby certify that we assisted Oroville
D. Wheeler, United States Deputy Surveyor,
 in surveying all those parts or portions of the Exterior
Retracing and subdivision lines of T 11 N
R 22 E Tps 11, 12, 13 + 14 N, R 24 E
Tps 11, 12, + 14 N R 25 E and Tps
11 + 15 N R 26 E

of the Gila ^{base} and Salt River
 Meridian, Territory of Arizona, as are
 represented in the foregoing field-notes as having been surveyed by
 him and under his direction; and that said survey has been in all
 respects, to the best of our knowledge and belief, well and faith-
 fully surveyed, and the corner monuments established according
 to the instructions furnished by the United States Surveyor-Gen-
 eral for

- John Mahon , Compassman.
- Theodore Fruse , Chainman.
- H. Black , Chainman.
- J. Peterson , Chainman.
- P. A. W. Farland , Chainman.
- M. Nelson , Axeman. & Flagman
- Johan Eidmer , Axeman.
- Johan Eidmer , Flagman. & Axeman

Subscribed and sworn to before me this
 day of September, 1887.

7th

A. E. Shoemaker
 U. S. Commissioner, 3d Judicial District,
 Arizona Territory.

Final Oath of United States Deputy Surveyor. 108

I, Orville S. Wheeler,

United States Deputy Surveyor, do solemnly swear that in pursuance of instructions received from

....., United States Surveyor-General

for Arizona, bearing date of the

3rd day of May, 1887,

I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United

States Surveyor-General for Arizona,

the surveying manual, and the laws of the United States, sur-

veyed all those parts or portions of the Exterior

Retracing and subdivision lines of

T. 11 N., R. 22 E., Tps. 11, 12, 13 + 14 N., R.

24 E. Tps. 11, 12 + 14 N., R. 25 E., and

Tps. 11 + 15 N. R. 26 E.

of the Gila base and Salt River

Meridian in the Territory of Arizona,

as represented in the foregoing field-notes as having been surveyed

by me and under my directions; and I do further solemnly swear

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that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the United States Surveyor-General for Arizona, and in the specific manner described in the field-notes, and that the foregoing are the true field-notes of such survey; and, should any fraud be detected, I will suffer the penalty of perjury, under the provisions of an Act of Congress, approved August 8, 1846.

Orville D. Wheeler

United States Deputy Surveyor.

Subscribed and sworn to before me this 7th
day of September, 1887.

A. E. Shoemaker

U. S. Commissioner, 3d Judicial District,
Arizona Territory.



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

The foregoing Field Notes of the survey of

Subdivision Lines

of.

Township 15 North.

Range 26 East.

of the Gila and Salt River Base and Meridian, Arizona,
executed by O. W. 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. Robbins

Surveyor General.