

Copied *W.M.H.* *P. 1*

No-104
Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

-OF-

Township *11 N.* Range *31 E.*

Gila and Salt River Base and Meridian

ARIZONA.

By *A. P. Johnson* D. S.

under contract dated _____ 187 .

Survey commenced *July 24* 1882.

Survey completed *July 27* 1882.

No-104

AB

104

not finished
not commenced +

BOOK 104

No- 104

IA

Subdivision Lines
Sp. 11 N. R. 31 E.

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Township *11 N*Range *31 E*

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Gila and Salt River, Arizona.

ARIZONA.

Subdivisions T. 11 N. R. 31 E. Glat
Salt River Meridian

Survey commenced July
24, 1882, with Burts Patent
Improved Solar Compass,
nearly new, and in first
rate order, made by Otto
Tennel of Cassel, Germany
in 1881.

Commenced at the Cor to
Secs. 3, 4, 33 & 34 on the
south Boundary of township
which is a Post 4 in. sq. marked
T. 11 N. S. 34 on N. E. R. 31 E. S. 3. on S. E.
T. 10 N. S. 4 on S. W. and S. 33. on N. W.
marked with 3 notches on E. W. edges,
dug pits in each sec. 5 1/2 ft. dist. and
raised a mound of earth. 4 ft.

Subdivisions S. 11 N. R. 31 E. cont.

chain

high, $4\frac{1}{2}$ ft base around
post.

Thence I run

North bet. Secs. 33 + 34

Var. $13^{\circ} 45' E$

(as per observation with Solar compass)

Ascending gradually

40.00 Set a Basaltic stone $16 \times 15 \times 9$

ins. 11 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 unpercept-
ible.

46.70 a cedar 8 ins. dia.

48.20 low depression bet N. W + S. E

40 ft. deep.

80.00 Set a Basaltic stone $17 \times 11 \times 7$

ins. 11 ins. in the ground

Subdivision S. 11 N. R 31 E. cont.

chains

for cor. to Secs. 27, 28, 33 & 34
 marked with 1 notch on S. and
 3 notches on E. 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
 alongside.

Land Rolling

Soil 2^d rate

Good grazing.

Scattering Pine & Cedar.

 East on a true line bet.

Secs. 27 & 34

Var. 13° 45' E!

Ascending gradually

18.00 Ridge br. N. 30° W. & S. 30° E!

Subdivisions N. 11 R. R. 31 E. contd

chains

50ft high

29.40 Gulch 100ks wide course N. 50 W
80ft. deep. ascend abruptly40.00 Set a volcanic stone 16+14+12
ins. 11 ins. in the ground, for $\frac{1}{4}$
sec. Cor. marked $\frac{1}{4}$ on N face
and raised a rounded
stone, alongside. Pits unpr
acticable.42.30 Top of Mesa for N. 50 W. & S. 50 E.
100ft. high descending65.30 Intersect Boundary line
bet. Arizona and New
Mexico at a point which
lies ^{South} 38.40 chs from the 185th
mile post, and set a
Basaltic stone 16+12+12 ins.
11 ins. in the ground, for

Subdivision T. 11 N. R. 31 E. cont.

chains

closing cor. to ^{fractional} secs. 27 + 34
 marked b. c. with 1 notch on S.
 and 5 notches on N. edge, and
 raised a mound of stone
 alongside, Pits impracticable.
 Land mesa mountainous
 Soil 3^d rate
 Good grazing.

North bet. Secs. 27 + 28.

Var. $13^{\circ}45'E$

Ascending gradually

40.00

Set Basaltic stone 16 + 11 + 9 cus.
 11 cus. in the ground, for $\frac{1}{4}$ sec.
 cor. marked from W. face
 and raised a mound of
 stone alongside, Pits impracticable

Subdivisions T. 11 N. R. 31 E. cont.

chains

55.70 Ridge to O & W. 40ft high
descending.

76.50 Enter timber to O & W.

80.00 Set Basaltic stone 18x13x9
ins. 12 ins in the ground
for cor. to Secs. 21, 22, 27 & 28
marked with 2 notches on S.
and 3 notches on E edges
and raised a mound of
stone alongside. It's impracticable
from which toa cedar 8 ins. dia. S. 77° W. 45 lbs. dist.
marked T. 11 N. R. 31 E. S. 28. B. D.a Pine 9 ins. dia. to N. 83° W. 19 lbs. dist.
marked T. 11 N. R. 31 E. S. 21 B. D.

Land Mesa

Soil 2d rate

Timber Pine & cedar

Good grazing.

Subdivision T. 11 N. R. 31 E. cont.

chains

East on a true line bet. Secs
22 + 27

Var. $13^{\circ} 45'$ E.

Descending gradually in timber

40.00 Set Basaltic stone $14 \times 12 \times 10$ 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 pit unperceptibly,

from which a Pine 6 in. dia. br. N. 33° E.

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

a Pine 6 in. dia. br. S. 17° E. 15 lbs. dist.

marked $\frac{1}{4}$ S. B. T. descending

65.78 Intersect Boundary line, bet

Arizona + New Mexico at

a point which is $5^{\circ} 37.98$ chs

from the 184th Mile Post, and

Set a Basaltic stone $14 \times 13 \times 11$ ins

Subdivision T. 11 N. R. 31 E. conts

chain

10 ins. in the ground, for ^{closing} bor.
to fractional Secs. 22 & 27.
marked c.c. with 4 notches
on N. and 2 notches on S. edge,
dug pits 18 x 18 x 12 ins. ^{N. S. & N.}
of stone, 5' ft. dist. and
raised a mound of earth
2 ft. high 4' ft. base along
side.

Land unimproved
Soil 2^d rate

Good grazing
Timber Pine and cedar.

North bet. Secs. 21 & 22.

Var. 13° 45' E.

Descending gradually

Subdivision S. 11 N. R 31 E. cont.

chains

- 40.00 Set Basaltic stone $15 \times 9 \times 9$ ins.
10 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. W.
face, and raised a mound
of stone alongside, pits un-
rectifiable, from which
a Pole 11 ins. dia. br. N. 55° E. 43 lbs dist.
marked $\frac{1}{4}$ S. B. T.
a Pole 9 ins. dia. br. S. 47° W. 64 lbs dist.
marked $\frac{1}{4}$ S. B. T.
- 54.70 a galech 10 lbs wide course N. 10° E.
70 ft. deep, ascending.
- 59.25 Point of Mesa br. S. W. 50 ft high.
descending.
- 80.00 Set Basaltic Stone $14 \times 12 \times 9$
ins. 10 ins. in the ground, for
cor. to Secs. 15, 16, 21 & 22, marked
with 3 notches on E & S. edges,

Subdivisions T. 11 N. R. 31 E. cont.

chains.

and raised a mound of
stone alongside, Pits unpracticable
from which a Pine 10 in. dia. to N. 67° E.
27 lbs dist. marked T. 11 N. R. 31 E. S. 15 B. S.

a Pine 12 in. dia. to S. 58° E. 23 lbs. dist.
marked T. 11 N. R. 31 E. S. 22 B. S.

a Pine 7 in. dia. to S. 83° W. 30 lbs dist.
marked T. 11 N. R. 31 E. S. 21 B. S.

a Pine 9 in. dia. to N. 11° W. 13 lbs. dist.
marked T. 11 N. R. 31 E. S. 16 B. S.

Land Mesa

Soil 3^d rate

Timber Pine and cedar.

Good grazing.

Cast on a true line bet.
Secs. 15 & 22.

Subdivisions S. 11 N. R 31 E. cont.

chain

Var. $13^{\circ} 45' E!$

Descending in Timber.

18.75 Gulch course N. $12^{\circ} E!$ 60ft deep
Ascending

40.00 Set a Lava stone $14 \times 10 \times 8$ ins.
10 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ in N face,
and raised a mound of
stone alongside, Pts impercept-
ible.

59.70 Ridge cr. N. $15^{\circ} E \times S. 15^{\circ} W.$
50ft. high, descending.

66.06 Intersect Boundary line,
bet. Arizona & New Mexico
at a point which is South $3 \frac{1}{2}$ m
chs from the 18th mile post.
and set a granite stone $14 \times$
 8×6 ins. 10 ins. in the ground

Subdivision S. 11 N. R. 31 E. cont.

chains

fractional
 for closing cor. to Secs. 15 & 22
 marked C.C. with 3 notches
 on N & S. edges, dug pits 18x
 18x12 ins. N. S & G. of stone,
 5 1/2 ft. dist. and raised a
 mound of earth 2 ft. high,
 4 1/2 ft. base alongside.
 Land unimproved Mesa
 Soil 2^d rate
 Timber Scattering pine & Cedar.
 Good grazing.

North bet. Secs. 15 & 16.

Var. 13° 45' E.

Descending gradually

4000 Set a Sandstone 104/104 10 ins.
 7 ins. in the ground, for 1/4 sec.

Subdivision S. 11 N. R 31 E. continued

chain

Cor. marked $\frac{1}{4}$ Sec. 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.

43.50 Gulch 100 ft wide course N. E.
30 ft. deep. ascending.

70.00 Ridge to N. E. & S. W. 30 ft high
descending.

80.00 Set Sandstone $16 \times 10 \times 8$ ins.
11 ins. in the ground for cor.
& Secs. 9, 10, 15 & 16. marked
with 3 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 side. from which

Subdivision T. 11 N. R. 31 E. cont.

Chains

A Pine 12 ins. dia. to S 32° W. 21 lks. dist.
marked T. 11 N. R. 31 E. S. 16 B. 1.

A Pine 6 ins. dia. to S 48° W. 19 lks. dist.
marked T. 11 N. R. 31 E. S. 16 B. 1.

Land Mesa

Soil 3^d rate

Timber of Pine and Cedar.

Good grazing.

East on a true line bet.

Sees. 104 15.

Var. 13° 45' E.

Ascending in Timber

10.50 Ridge 30ft high to N. E. S. W.

Descending

27.15 Gulch 10 lks wide course N. E.
50ft. deep. Ascending.

Subdivisions S. 11 N. R. 31 E. cont.

chains

C. C. with 2 notches on N. &
 4 notches on S. edge, and
 raised a mound of stone
 along side, Pits unpracticable,
 Land Mesa
 Soil 3^d rate
 Timber scattering Pines
 cedar, good grazing.

North bet. Secs. 9 & 10

Var. $13^{\circ} 45' E$

Descending gradually

8.75 Dry Wash 5 lbs wide course.

E 20 ft. deep. ascending.

4000 Set Basaltic stone 17 & 11 & 13 in.

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

Subdivision S. 11 N. R. 31 E. cont.

chains

face, and raised a mound of stone alongside, Pts. impracticable from which
 a Pine 12 in. dia. br. S. 15° W. 22 lks. dist. marked $\frac{1}{4}$ S. B. T.

43.75 Ridge br. Ex W. 100 ft. high descending.

55.60 Leave timber br. Ex W.

80.00 Set Basaltic stone 15 x 11 x 5 in. 10 in. 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 alongside, Pts. impracticable.

Land Mesa

Soil 2^d rate

Timber of Pine & Cedar.

Subdivisions S. N. R. 31 E, conts

chains

Good grazing.

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

Var. $13^{\circ} 45' E$

Descending gradually

40.00 Set a lava stone $14 \times 12 \times 10$ in.

gives in the ground, for $1/4$
sec. cor. marked $1/4$ on N.

face, and raised a mound
of stone alongside, pits imp-
racticable.

46.75 Gully 15 lbs wide course S.E. 70
ft. deep. ascending gradually.

56.10 Ridge bet N.W. & S.E. 4 ft. high.
Descending gradually.

67.10 Intersect Boundary line,

Subdivision T. 11 N. R. 31 E. continued

chains

bet. Arizona & New Mexico
 at a point which bears South
 36.82 chs from the 18 $\frac{1}{2}$ Mile
 Post. and set a Boulder
 stone 12 x 10 x 10 ins. 8 ins. in
 the ground, for closing cor.
 to fractional Secs. 3 x 10. marked
 C. C. with 1 notch on N &
 5 notches on S. edges, dug pit
 18 x 18 x 12 ins. N. S. & 99. of
 stone 5 $\frac{1}{2}$ ft. dist. and raised
 a mound of earth 2 ft. high,
 4 $\frac{1}{2}$ ft. base alongside
 Land mount across Mesa
 Soil 2 d & 3 d rate
 Timber Pine & scattering cedars.
 Good grazing.

Subdivision S. 11 N. R. 31 E. cont.

chains

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

Var. $13^{\circ} 45' E!$

Descending gradually.

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

51.10 Across Mesa to N. E. S. W.

descending

81.26 Intersect N. By of Sp. 21

lbs E of cor. to Secs. 3, 4, 33 & 34

which is a Lava stone,

marked with 3 notches

on E & W. edges. with

pits $18 \times 18 \times 12$ ins. in

each sec. 57 ft dist.

and mound of earth

2 ft high 4 ft base

along road

Subdivisions S. 11 N. R 31 E. cont.

Chinas

Thru Iron
S. 9' E. on a true line, bet.
secs. 3 & 4. same var.

41.26 Set Basaltic Stone 15710 x 7 in.
10 in. in the ground for 1/4
sec. cor. Marked 1/4 on N.
face, and raised a mound
of stone alongside. Pits
impracticable.

81.26 The cor. to Secs. 3, 4, 9 & 10
Land Mesa
Soil 2^d rate
Scattering Pine & cedar.
Good grazing.

Subdivisions T. 11 N. R. 31 E. cont.

chains

From the Corner to Secs.
4. 5. 32 x 33 on S. By of Sp.
which is a Post. 4 ins. sq. marked
T. 11 N. S. 33 on N. E. R. 31 E. S. 4 on
S. E. T. 10 N. S. 5 on S. W. & S. 32 on
N. W. faces, with 2 notches on W.
& 4 notches on E. edges, and pits
in each sec. and a mound
of earth 2 ft high 4 1/2 ft. base
around post.

Thence From

North bet. Secs. 32 + 33.

Var. 13° 45' E!

Ascending gradually in timber

40.00

Set 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 W. face,

Subdivision S. 11 N. R. 31 E. cont.

chains

dug pits 18x18x12 ins. N + S.
 off post 5 1/2 ft. dist. and raised
 a mound of earth 1 1/2 ft.
 high, 3 1/2 ft. base around post.
 from which a Pine 8 ins. dia.
 to N. 22° E. 27 lbs. dist. marked 1/4 S. B. T.
 a Pine 6 ins. dia. to S. 9° West 42 lbs. dist.
 marked 1/4 S. B. T.

8000

Set a post 4x6 ins. sq. 4 ft. long,
 with marked stone, 12 ins. in the
 ground, for cor. to Secs. 28, 29, 32 & 33
 marked S. 11 N. S. 28 on N. E.

R. 31 E. S. 33 on S. E.
 S. 32 on S. W. and
 S. 29 on N. W. faces, with
 4 notches on E and 1 notch on S.
 edges, dug pits 18x18x12 ins. in
 each sec. 5 1/2 ft. dist. and raised

Subdivision T. 11 N. R. 31 E. cont.

Chains

a mound of earth 2 ft. high, $4\frac{1}{2}$ ft.
base around post, from which
a Pine 6 ins. dia. br. N. 22° E. 27 lks dist
marked T. 11 N. R. 31 E. S. 28 B. S.

a Pine 6 ins. dia. br. N. 52° W. 72 lks dist.
marked T. 11 N. R. 31 E. S. 29 B. S.

a Pine 8 ins. dia. br. S. 74° W. 45 lks. dist
marked T. 11 N. R. 31 E. S. 32 B. S.

Land rolling.

Soil 2^d rate

Timber Pine & cedar

Good grazing

July 24. 1882.

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

Var. $13^{\circ}45'$ E.

Subdivisions T. 11 N. R. 31 E. cont.

chains

- 17.50 Descending gradually in Timber
Enter timber br N & S.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.15 Intersect N & S. line 4 lks S. of
cor. to Secs. 27, 28, 33 & 34 from
which corner from $S^{\circ} 89^{\circ} 58' W.$
on a true line bet. secs. 28 & 33.
Cor. $13^{\circ} 45' E.$
- 40.07 Set a post 3 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 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, from which
a line 6 ins. dia. br N. $55^{\circ} E.$ 37 lks dist.
marked $\frac{1}{4}$ S. B. T.
- a line 8 ins. dia. br. S. $32^{\circ} W.$ 95 lks dist.
marked $\frac{1}{4}$ S. B. T.

Subdivision T. 11 N. R. 31 E. cont.

chains
80.15 The corner to Secs 28, 29, 32 & 33.
Land Rolling
Soil 2^d Rate
Timber of Pine & Cedar.

North bet. Secs. 28 & 29.

Var. $13^{\circ} 45' E.$

Ascend gradually in timber

40.00 Set a post 3 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 pits 18x18
& 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
from which a Pine 14 ins. dia. to
N. $83^{\circ} E.$ 30 lbs dist. marked $\frac{1}{4}$ S. B. T.

Subdivisions S. 11 N. R 31 E. cont.

chains

a Cedar 6 ins. diam. to S. 23° W. 42 lbs.
dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. sq. with
marked stone pins in the ground
for cor. to Secs. ^{20, 21} 28 & 29. marked -
S. 11 N. S. 21 on N. E.

R. 31 E. S. 28 on S. E.

S. 29 on S. W. and

S. 20 on N. W. face, with 4
notches on E and 2 notches on
S edges, from which

a Pine 8 ins. dia. to N. 77° E. 25 lbs dist.
marked S. 11 N. R 31 E. S. 21 B. T.

a Cedar 6 ins. dia. to N. 47° W. 52 lbs dist.
marked S. 11 N. R 31 E. S. 20 B. T.

Land rolling

Soil 2^d rate

Timber of Pine & Cedar

Subdivision S. 11 T. R. 31 E.

chains

Good grazing.

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

Cor. $13^{\circ}45' E$

ascending in timber.

34.50 Ridge to N. W & S. E cor. high
descending

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

65.20 Leave timber to N. W & S. E

80.20 Intersect N. S. line 11 lbs South
of cor. to Secs. 21, 22, 27 & 28.

from which corner I run
South $89^{\circ}55' W$ on a true line,
bet. Secs. 21 & 28. same cor.

40.10 Set a post 3 ft. long, 4 ins. sq. with
marked stone, 12 ins. in the

Subdivisions N. 11 N. R. 31 E.

chain

ground, for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. on N. face, dug pits 18" x 18"
 + 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.

80.20 The corner to Secs. 20, 21, 28 & 29
 Land gently rolling
 Soil 2^d. rate
 Timber of Pine and Cedar
 Good grazing.

North bet. Secs. 20 & 21

Var. $13^{\circ}45'E$

Ascending gradually
 Leave timber to E. & W.

35.00 Ridge bet. N. W. & S. E. 6 ft high

Subdivision T. 11 N. R. 31 E. cont.

chains

descending.

- 40.00 a Pine tree 8 ins. diam., which I mark $\frac{1}{4}$ S. on W face, for $\frac{1}{4}$ sec. Cor. dug pits 18+18+12 ins. N+S. of tree $5\frac{1}{2}$ ft. dist. and raised a mound of earth around tree.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 16, 17, 20 & 21 marked T. 11 N. S. 16 on N. E. R. 31 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+18+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 around post.

Subdivision T. 11 N., R. 31 E. cont.

chain

from which a cedar 7 ins. dia.
 to S. 75° W. 25 lbs. dist. marked
 T. 11 N., R. 31 E. S. 20 B. A.
 Land gently rolling
 Soil 2^d rate
 Timber of Pine & cedar.
 Good grazing.

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

Var. 13° 45' E.

Ascending gradually

3.00

Enter timber to N. 35° W. &
 S. 35° E.

13.40

Ridge 50 ft. high, to N. 20° W. &
 S. 20° E. descending gradually.

33.20

Leave timber to N. W. & S. E.

Subdivision N. 11 N. R. 31 E. cont.

Chain

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N.W. line, 7 lks
North of cor. to Secs. 15, 16, 21 & 22
from which corner I run
N. $89^{\circ} 57' W.$ on a true line, bet.
Secs. 16 & 21. with same ca.
- 40.02 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 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.
- 80.04 The corner to Secs. 16, 17, 20 & 21
land gently rolling
Soil 2^d rate
Timber of Pine and Cedar

Subdivision N. 11 N. R. 31 E. cont.

chains

Good grazing.

North bet. Secs. 16 & 17.

Var. 13° 45' E

Descending gradually

16.00 Low depression to N. W. S. E.
ascending.

40.00 Set a sandstone 14 × 13 × 17 in.
gives in the ground, for 1/4 sec
cor. marked 1/4 on N face, and
raised a mound of stone along-
side, pits impracticable.

52.50 Ridge to N. W. × S. E. 50 ft. high
descend

80.00 Set a sandstone 13 × 9 × 5 in.
gives in the ground, for cor.
to Secs. 8, 9, 16 & 17. marked

Subdivision N. 11 N. R. 31 E. cont.

chains

with 4 notches on E & 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
 4/8 ft. base, along side.
 Land gently rolling
 Soil 2d rate
 Good grazing.

Cast on a random line, bet.
 Secs. 9 & 16.

Var. $13^{\circ} 45' E$

Ascending gradually
 40.00 Set temporary 1/4 sec. cor.
 66.75 Ridge to N. $35^{\circ} W.$ & S. $35^{\circ} E.$
 60 ft. high, descending.
 80.11 Intersect N & S. line, at

Subdivisions N. 11 N. R. 31 E. continued

chains

Corner to Secs 9, 10, 15 & 16
from which corner I run
West on a true line bet.
Secs. 9 & 16. with same va.

40.05 Set a sandstone 10 x 8 x 8 ins.
6 ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked ~~W~~ ~~S~~ ~~E~~ ~~N~~ & feet
dug pits 18 x 18 x 12 ins. E & W.
of stone 5 ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

80.11 The corner to Secs. 8, 9, 16 & 17.
Land gently rolling
Soil 2^d rate
Good grazing.

Subdivision N. 11 N. R. 31 E. cont.

chain

North bet. Secs. 8 & 9.

Var. $13^{\circ} 45' E.$

Descending gradually

40.00 Set a Sandstone $15 \times 11 \times 9$ 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. N & S.

of stone 5 ft. dist. and raised

a mound of earth $1 \frac{1}{2}$ ft. high

$3 \frac{1}{2}$ ft. base alongside.

45.50 Gulch 10 ft. wide cor. $N. 30^{\circ} W.$

2 ft. deep. ascending.

55.00 Ridge 3 ft. high to N. W. & S. E.

descending.

75.40 Enter timber to N. W. & S. E.

80.00 Set a Sandstone $15 \times 9 \times 5$ ins.

10 ins. in the ground, for cor.

to Secs. 4, 5, 8 & 9, marked

Subdivisions S. 11 N. R. 31 E. cont.

chains

with 4 notches on E^x & 5 notches on S. edges, dug pits 18x18x12 ins. in each cor. 5/8 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base alongside, from which C. cedar grows.

Co S 450 W. 56 lbs. dist. marked S. 11 N. R. 31 E. S. 8 B. J.

R. 31 E. S. 8 B. J.

Cedar 7 ins. dia. Co. S. 50 W. 10 lbs. dist. marked S. 11 N. R. 31 E. S. 5 B. J.

Land Rolling

Soil 2^d rate

Number of Pines & cedar
Good grazing.

East on a random line, bet. Secs. 4 & 9.

Subdivision T. 11 N. R. 31 E. cont.

Var. $130^{\circ} 45' E.$

Descending gradually in
Doubt.

- 37.50 Gulch come N. $35^{\circ} W.$ 7 lks wide,
and 30 ft. deep. Ascending.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 48.00 Ridge to N. W. & S. E 40 ft. high
descending gradually.
- 57.00 Leave timber to N. & S.
- 79.91 Intersect N. & S. line 11 lks
South of cor. to secs. 3, 4, 9 & 10.
from which corner I run
South $89^{\circ} 55' W.$ on a true
line bet. Secs. 4 & 9. same va.
- 39.95 Set a Basaltic Stone $11 \times 9 \times 5$
ins. High in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
N. face, dug pits $18 \times 18 \times 12$

Subdivision S. 11 N. R. 31 E. cont.

chain

ins. 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. base along side,
 The Corner to Secs. 4, 5, 8 & 9.
 Land gently rolling.
 Soil 2^d rate
 Timber of Pine & Cedar.
Good grazing.

79.91

North on a random line,
bet. Secs. 4 & 5.

Cor. 13 or 15' E'

- XX Descending gradually
- 18.00 Leave timber to N. E. & S. W.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 42.00 Low depression to N. W. & S. E.
3 ft. deep.

Subdivision S. 11 N. R. 31 E. cont.

chains

- 46.50 Ridge br N. 36° W. & S. 45° E!
60ft. high. descending.
- 81.12 Intersect N. By of Sp. 13 lks
W. of cor. to Secs. 4, 5, 32 & 33.
which is a Basalt stone
marked with 4 notches
on E & 2 notches on W.
edges, and pits $18 \times 18 \times 2$
ins. in each sec. 5" depth, dist
and round of each sp
high, 4" base along side
- Thence I run S 6° W. on
a true line bet. Secs. 4 & 5
same var.
- 41.12 Set a post 3ft. long, 4 ins.
sq. with marked stone,
12 ins. in the ground, for

Subdivisions T. 11 N. R. 31 E. cont.

chains

1/4 sec. cor. marked 1/4 S.
on W. face dug pits 18 x 18 x 12
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.

8/1.12 The corner to Secs. 4, 5, 8 & 9.
Land rolling.
Soil 2d rate
Good grazing

From the corner to Secs.
5, 6, 31 & 32, on S. By of sp.
which is a Post 4 ins. sq. marked
T. 11 N. R. 32 on S. E. R. 31 E. S. 5 and S. E.
T. 10 N. S. 6 on S. W. and S. 31 on N. W. face,
and 1 notch on W & 5 notches on E edges
with pits in each sec. and mound

Subdivisions N 1/2, R. 31 E cont.

chains

of earth 2 ft. high
 4 1/2 ft. base around
 post.

Truce North bet. Secs. 31 & 32.

Var. $13^{\circ} 45' E'$

Descending in Timber.

40.00 Set a post 4x6 ins. sq. 3 ft. long
 with marked stone pins in
 the ground for 1/4 sec. cor.
 marked 1/4 S. on W face dug
 pits 18x18x2 ins. 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.
 from which true 6 ins. dia. to S. $20^{\circ} W.$
 52 lps. dist. marked 1/4 S. B. P.

Subdivisions S. 11 N. R. 31 E. cont.

chains

a cedar 7 ins. dia. br. S. 35° E. 33 lks dist.
marked 1/4 S. B. D.

80.00 Set a post 4 x 5 ins. sq. 4 ft. long,
with marked stone 12 ins. in
the ground, for cor. to Secs.

29. 30. 31 + 32 marked

S. 11 N. S. 29 on N. E.

R. 31 E. S. 32 on S. E.

S. 31 on S. W. and

S. 30 on N. W. face, with
5 notches on E & 1 notch on S.

edge, from which a cedar. 8 ins.

dia. br. N. 15° E. 57 lks dist. marked

S. 11 N. R. 31 E. S. 29 B. D.

a cedar. 6 ins. dia. br. S. 65° E. 65 lks dist.

marked S. 11 N. R. 31 E. S. 32 B. D.

a cedar 9 ins. dia. br. N. 11° 30' W. 91 lks dist.

marked S. 11 N. R. 31 E. S. 30 B. D.

Subdivision T. 11 N. R. 31 E. cont.

chains

Land gently rolling.
Soil 2^d rate
Timber of Pine & cedar
Good grazing.

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

Var. $13^{\circ} 45' E$

Descending gradually in Timber
40.00 Set temporary $\frac{1}{4}$ sec cor.
80.00 Intersect N & S. line, 4 lbs
South of cor. to Secs. 28, 29,
32 & 33. from which corner
Run S. $89^{\circ} 58' W$. on a true
line, bet. Secs. 29 & 32. with
same va.
40.04 Set post 3 ft. long, 4 ins. sq.

Subdivision T. 11 N. R. 31 E. cont.

chain

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. C.M.
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
a Pine 8 ins. dia. br. S. 82° W. 32 lbs. dist.
marked $\frac{1}{4}$ S. B. T.

a Pine 12 ins. dia. br. N. 72° W. 70 lbs. dist.
marked $\frac{1}{4}$ S. B. T.

80.08 The corner to Secs. 29. 30. 31+32

Land rolling

Soil 2^d rate

Timber of Pine and Cedar

Good grazing.

I carefully examined the

Subdivisions N. 11 N. R. 31 E. cont.

Chains 747

adjustments of my solar
Compass today, particularly
the latitude and reversing
apparatus, and found them
correct.

July 25. 1882.

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

Var. $13^{\circ}45'E$

Descending gradually.

35.50 Leave timber to N. S.

46.00 Set temporary $\frac{1}{4}$ Sec. Cor.

61.25 Enter timber to N. S.

79.22 Intersect West Bdy of Sp.

21 lks N. of cor. to Secs. 25. 30.

31 & 36. which is a —

Subdivisions T. 11 N. R. 31 E. cont.

Lains

Post 4 ins. sq. marked T. 11 N. S. 30 on N. E.
 R. 31 E. S. 31 on S. E. R. 30 E. S. 36 on S. W. &
 S. 25 on N. W. faces, with 5 notches on N. &
 1 notch on S. edges, with pits in each ecc.
 and mound of earth around post, with bearing
 trees properly marked in each sec.

Thence I run N. $89^{\circ} 51' E$.
 on a true line bet. Secs. 30 & 31
 Cor. $13^{\circ} 45' E$.

- 39.22 Set a post 2 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
 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.
- 79.22 The corner to Secs 29. 30. 31 & 32

Subdivision S. 11 N. R. 31 E. cont.

Acres

Land Rolling level
 Soil 2^d rate
 Timber of Pine & Cedar
 Good grazing.

North bet. Secs. 29 & 30

Var. $13^{\circ} 45' E.$

Descending gradually,

40.00

Set a post 3 ft. long, 3 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 pits 18" x 18" x 12 ins.
 N.W.S. of post $5\frac{1}{2}$ ft. dist.
 and raised a mound of
 earth 1 ft. high $3\frac{1}{2}$ ft. base
 around post.

Subdivision T. 11 N. R. 31 E. cont.

46.00	Low Depression to N. Et S. W. 30ft deep. ascending.
80.00	Set a Limestone 10x10x10 ins. 7 ins. in the ground, for cor. to Secs. 19, 20, 29 + 30. marked with 2 notches on S. and 5 notches on E. edges, dug pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2ft. high 4 1/2 ft. base around post. Land rolling Soil 2 ^d . rate Good grazing Scattering Stumps River cedar.

Subdivision T. 11 N. R. 31 E. cont.

chains

East on a random line, bet
bet. Secs. 20 & 29.

Var $13^{\circ} 45' E.$

Descending gradually

6.50 Leave timber to N.S.

40.00 Low depression to N.S.

Ascending

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

80.14 Intersect N.S. line 8 lks. S.
of cor. to Secs. 20, 21, 28 & 29.

from which comes true
 $S. 89^{\circ} 57' W.$ on a true line, bet.
Secs. 20 & 29, with same va.

40.07 Set a post 3 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
pits 18 & 18 & 12 ins. E. & W. of

Subdivisions S. 11 N. R. 31 E. cont.

Chain

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

80.14

The corner to Secs. 19, 20, 29 x 30
 Land gently rolling
 Soil 2 d rate
 Scattering Pine & cedar.
 Good grazing.

Nest on a random line bet.
 Secs. 19 x 30.

Var. 13° 45' E.

Ascending gradually in timber

40.00 Set temporary 1/4 sec. cor.

78.96 Intersect N. By of Sp. 13 lks

N. of cor. to Secs. 19, 24, 25 x 30,

which is a Post 4 ins. square, marked

Subdivision N. 11 N. R. 31 E. cont.

Notes

N. 11 N. S. 19 on N. E. R. 31 E. S. 30 on S. E.
 R. 30 E. S. 25 on S. W. & S. 24 on N. W. faces
 with 4 notches on N & 2 notches on S. edges,
 with
 dug pits 18 x 18 x 12 ins. in each sec 5 1/2
 ft. dist. and mound of earth 2 ft.
 high, 4 1/2 ft. base around post.
 Hence I run N. 89° 54' E. on
 a true line bet. Secs. 19 & 30.
 with same os.

- 38.96 Set a post 3 ft long 6 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 12 ins. Ex 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.
- 48.96 The Cor. of Secs. 19, 20, 29 & 30

Subdivision S. 11 N. R. 31 E. cont.

chain

Land gently rolling
Soil 2^d rate
Timber of Pine & Cedar
Good grazing.

North bet. Secs. 19 & 20.

Var. 130° 45' E.

Ascending gradually in timber

19.00 Ridge to E. W. 30 ft. high.

Descending gradually in timber.

46.00 Set apart 3 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. N.S.
of post 5 1/2 ft. dist. and
raised a mound of

Subdivision T. 11 N. R. 31 E. cont.

Loins

earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
around post from which
a line 10 ins. dia. lns. S. 150° E. 67 lks. dist.
marked $\frac{1}{4}$ S. B. T.

a line 6 ins. dia. lns. S. 75° W. 97 lks. dist.
marked $\frac{1}{4}$ S. B. T.

57.50 Leave timber lns N. 80° E + S. 80° W.

80.00 Set a Lava stone $14 \times 12 \times 10$ ins.
diam. in the ground for cor. to
secs. 17, 18, 19 + 20. marked,
with 5 notches on E + 3 notches
on S. edge, 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 side.
and rolling
Soil 2^d rate
Good grazing.

Subdivision N. 11 N. R. 31 E. cont.

chain

Timber of Pine and Cedar.

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

Var. $13^{\circ} 45' E$

Descending gradually

0.80 Leave Depression bet N. W. S. E.
10ft. deep and ascend

16.00 Ridge bet N. W. S. E. 10ft.
high. descend

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

49.95 Intersect N & S. line 12 lbs
N of cor. to Secs. 16, 17, 20 & 21
from which corner Turn
N. $89^{\circ} 55' W$. on a true line,
bet. Secs. 17 & 20, with same va.

39.97 Set Sandstone 16 x 14 x 12 ins.

Subdivision N. 11 N. R. 31 E. cont.

Chains

11 ins. in the ground, for $\frac{1}{4}$
 sec cor. marked $\frac{1}{4}$ on N. side
 dug pit 18 x 18 x 12 ins. E. & W.
 of stone, 3 $\frac{1}{2}$ ft. dist. and
 raised a mound of earth
 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base, along
 side.

79.95 The corner to Secs. 17, 18, 19 & 20.
 Land rolling
 Soil 2^d rate
 Good grazing.

Nest on a random line,
 bet. Secs. 18 & 19.

Var. $13^{\circ} 45' E$

13.00 Ascending gradually
 Point of spur to N. W. 10 ft. high

Subdivision N. 11 N. R. 31 E. cont.

chains

Descending gradually

32.14 Low Depression to N. & S. 20 ft. deep.

Ascend

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

48.00 Enter timber to N. W. & S. E.

78.71 Intersect W. By of Sp. 6 lks N.

of cor. to Secs. 13, 18, 19 & 24
 which is a Basalt stone
 marked with 3 notches on N. &
 S. edges, with pits 18 x 18 x 12 ins.
 in each sec. 57 ft. dist. and
 mound of earth 2 ft. high
 4 $\frac{1}{2}$ ft. base along side.

Hence true N. $89^{\circ} 57' E.$
 on a true line bet. Secs 18 & 19.
 with same var.

38.71 Set Post 3 ft. long, 4 ins. sq.

Subdivision S. 11 N. R. 31 E. cont.

chains

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. 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.

78.71

The Cor. to Secs. 17, 18, 19 & 20
Land rolling
Soil 2^d oat
Good grazing.

North bet. Secs. 17 & 18

Var. $13^{\circ} 45' E.$

Descend

0.60

Low depression 20 ft. deep.
ln N. W. & S. E.

Subdivision J. 11 N. R 31 E. cont.

chains

Ascending

29.40 Ridge on N. 60° W. + S. 60° E
30 ft. high Descend40.00 Dry wash course N. 70° W. 30 ft deep.

Set a post 3 ft. long, 3 ins. sq.
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ sec. Cor.
marked $\frac{1}{4}$ S. on W. face,
dug pits $18 \times 18 \times 12$ ins. N.W.
of post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $11\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base around post.

Ascending

80.00 Set a limestone $14 \times 12 \times 7$ ins.
10 ins. in the ground for cor.
to Secs. 7, 8, 17, + 18 marked
with 4 notches on S. and
5 notches on E. edge, dug pits

Subdivisions N. 11 N. R. 31 E. cont.

chains

18x18x12 ins. in each sec. $5\frac{1}{2}$
ft. dist. and raised a mound
of earth 2 ft. high $4\frac{1}{2}$ ft. low
alongside.

Land Rolling
Soil 2^d rate
Good grazing.

East on a random line,
bet. Secs. 8 & 17.

Var. $13^{\circ} 75' E'$

Ascend

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

79.92 Intersect N & S. line 4 lbs
North of Cor. to Secs. 8, 9, 16 & 17
from which corner Iron
N. $89^{\circ} 58' W$. on a true line.

Subdivision N. 11 N. R. 31 E. cont.

chains

bet. Secs. 8 + 17. with same ea.

39.96 Set a lava 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,
 dug pits $18 \times 18 \times 12$ ins. 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. base along-
 side.

79.92 The corner to Secs 7, 8, 17 + 18
 Sand rolling
 Soil 2^d rate
 Good grazing.

West on a random line, bet.
 Secs. 7 + 18.

Var. $13^{\circ} 45' E$

Subdivisions N. 11 N. R. 31 E. cont.

chains

Descending.

40.00 Set temporary 1/4 sec. cor.

47.10 Dry Wash 10 lks wide course,
N. 60° W. 20 ft. deep.

78.62 Intersect N. Ry of Sp. 12 lks
South of cor. to Secs. 7, 12,
13 & 18, which is a Post 4 ins. sq.
marked D. 11 N. 5 7 on N. E. R. 31 E. S. 13 on S. E.
R. 30 E. S. 13 on S. W. and S. 12 on N. W.
face, with notches on N & 4
notches on S. edge, with pits in
each one, and surrounded with
2 ft high 4 1/2 ft base ^{rough part} ~~along side~~
thence Iron S. $89^{\circ} 55'$ W.
on a true line, bet. Secs. 7 & 18
with same on.

98.62 Set a Post 3 ft. long, 3 ins. sq.
with marked Stone 12 ins.

T. 11 N. R. 31 E. continued.

chains.

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. Et 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.

78.62 The corner to Secs. 7, 8, 17 & 18
Land Rolling
Soil 2^d set
Good grazing.

North bet. Secs. 7 & 8.

Var. 13° 45' E.

Ascend.

37.00 Ridge br Et N. 50 ft. high

Desceud

40.00 Set a Lava stone 14 x 12 x 11 ins.

Subdivision T. 11 N. R. 31 E. cont.

choirs

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

8000 Set a Boulder stone $18 \times 17 \times 4$ ins. 12 ins. in the ground, for cor. to Secs. 5, 6, 7 + 8. marked with 5 notches on E + S. faces. 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,
 sand rolling
 Soil 2^d rate

Subdivisions T. 11 N. R. 31 E. cont.

chains

Good grazing.East on a random line, bet.
Secs. 5 & 8.Cor. $13^{\circ} 45' E.$

Descend

12.54 Dry Wash course N. $50^{\circ} W.$
20 lbs wide 10 ft. deep.

Ascend

20.80 House to South 1.00 chain

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

79.86 Intersect N.S. line 2 lbs

N. of cor. to Secs. 4, 5, 8 & 9.

from which corner Iron

N. $89^{\circ} 59' W.$ on a true line
bet. secs. 5 & 8. with same cor.

39.93 Set a post 3 ft. long, 4 lbs.

Subdivisions S. 11 h. R. 31 E. cont.

chains

sq. with marked stone, 12
ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S on 75 feet
dug pits 18 x 18 x 12 ins. E. 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.

79.86

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

Land rolling
Soil 2^d Rate
Good grazing.

West on a random line
bet. secs. 6 & 7.

Var. $13^{\circ} 45' E.$

ascend

23.00

Ridge to N. W. & S. E. 30 ft. high

Subdivision D. 11 N. R. 31 E. cont.

chains

Descend

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 48.47 Intersect W. By of Sp. 12 lbs
 North of cor. to Secs. 1, 6, 7 & 12.
 which is a Lava stone, marked
 with 1 notch on N & 5 notches
 on S. edges, with pits $18 \times 18 \times 12$
 ins. in each sec. $5\frac{1}{2}$ ft. dist.
 and a mound of
 earth 2 ft high & $4\frac{1}{2}$ ft base
 along side.
 Thence Iron N. $89^{\circ} 55' E$!
 on a true line bet. Secs. 6 & 7
 with same va.
- 38.47 Set a Lava stone $12 \times 10 \times 10$ ins.
 8 ins. in the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N face,
 dug pits $18 \times 18 \times 12$ ins. Et N.

Subdivision S. 11 N. R. 31 E. cont.

chains

of corner $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along
side.

78.47 The corner to Secs. 5, 6, 7 & 8.
Land Rolling
Soil 2^d rate
Good grazing.

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

Var. $13^{\circ} 45' E.$

Descend.

34.37 Dry wash course N. 80° W. 30 ft deep
Ascend

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

55.00 Ridge bn N. 80° W. \angle S. 80° E.
40 ft. high.

Subdivision N. 11 N. R. 31 E. cont.

chains

- 80.97 Intersect N. By of Sp. 5 lks
E. of cor. to Secs. 5, 6, 31 & 32
which is a Basalt stone
marked with 5 notches
on E + 1 notch on W. edges,
with pits in each seen and
ground of earth
alongside.
Thence I run S 2' E. on a true
line bet. Secs. 5 & 6. with same or.
- 40.97 Set a lava stone 16 + 12 + 9 ins.
11 ins. in the ground, for 1/4
sec. cor. marked 1/4 on W.
face, dug pits 18 + 18 + 12 ins.
N. E. of stone, 3 1/2 ft. dist.
and raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base alongside.
- 80.97 The corner to Secs. 5, 6, 7 & 8.

Subdivisions N. 11 N. D 31 E. cont.

Land Rolling
Soil 2^d rate
Good grazing.

I carefully examined the
adjustments of my solar
Compass, today, particu-
larly the latitude and
reversing apparatus, and
found them correct.

July 27. 1882.

Subdivisions T. 11 N. R. 31 E. cont.

General Description

The land in this township is generally mountainous, there being a valley in the Southwestern part of it.

The soil is 2^d rate and 3^d rate.

There is a considerable quantity of good pine and cedar in the township.

Marcellus Jernillo has a house a corral and about 20 acres fenced and under cultivation, in Sec. 8. value \$600.

U. S. Surveyor General's Office,
Tucson, Arizona, Jan'y 12, 1883

The foregoing Field Notes of the survey of

Subdivision Lines
of Township 11 North,
Range 31 East.

of the Gila and Salt River Base and Meridian, Arizona,
executed by A. P. Johnson,
D. S., under his contract of the 8th day of
June, 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.