

No-84

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

No-84

Township 9 N. Range 3. E

Gila and Salt River Base and Meridian

ARIZONA.

By A. P. Johnson D. S.

under contract dated June 8 1882

Survey commenced Sept. 4 1882

Survey completed Sept 9 1882

BOOK 84

84

A.P.

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Township 9 North
 Range 30 East

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Gila and Salt River, Arizona.

Sydney R. S. E. G. S. R. M.

chains

Survey commenced
Sept. 4-1882 -

Survey made with
Went's Patent Improved
Solar Compass, nearly
new, and in first rate
order, made by Otto
Frenzel of Basel
Germany in 1881

From the bar to Sec-
1-2-35+36 - which is a
sand stone 20×16 in set firmly
in the ground marked
D.C. with 5 notches on W
+ 1 notch on E edges & a
mound of stone
along side

S. 9 N. R 20 E. S. 8. R. 7M

Chairs

Open north bet. Secs.
35 & 36 -

to 150° 45' E,

Ascend gradually,

31.15

Top of ridge bet N 55° E
& descend

4000

Set a sand stone 14x10
x 7 ins 9 ins in the ground
for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$
Down W face, Dig pits
18x18x12 ins N & S of stone
& raised a mound of
V earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base alongside.

8000

Set a post 4 ft long
4 ins sq, with marked
stone 6 ins in the
ground for cor to Secs -

S. g. N. R 20 E. G + S. R W,

Chains

25--26-35+36. marks
 S g N, S 25 on N. E. R
 20 E, S 36 on S. E. S 35
 on S W + S 26 on N. W
 faces + 1 notch on E
 & 1 notch on S edges -
 and raised a mound
 of stone alongside, pits
 impracticable.

Band rolling

Soil 2nd rate -

Timber Pine & Cedar,

Vegetation, Bluegrass

East on a random line
 bet. Secs. 25 + 36,

wa 13° 45' E,

Descend over rolling land

S. 9 - N. R. 30 E. S. 1 - S. R. 11.

Chairs -

15.60 Cross bulch 10 lbs wide
Course N + ascend -

19.00 Enter timber bro N + S,

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

63.50 Top of ridge bro N 200 W +
descend.

80.70 Interset E boundary
of Sp-65-lbs N of Cor. f
to Secs - 25-30-31 + 36,
which is a

band stone 16 x 12 x 10 ins
set firmly in the ground
marked with 1 hatch
on S + 5 - hatches on N
edges + pits 18 x 18 x 12 ins
in each sec 5 $\frac{1}{2}$ ft. depth
+ mounds of earth 2 ft.
high 4 $\frac{1}{2}$ ft. base
alongside

S. 9. N. R 30 E. S + S. R. W.,

Chains

from which Cor I run -
 N 89° 32' W on a true line
 bet. Secs. 25 + 26

to 13045-2,

40.39 Hit a sand stone 16x10x8
 in 12 in in the ground
 for $\frac{1}{4}$ sec Cor. marked $\frac{1}{4}$ S
 on N-face + raised a
 mound of stone alongside
 Pits unpracticable!

Hand rolling

soil 2nd & 3rd rate

Timber Pine & Cedar,

Vegetation Bunchgrass

North bet. Secs 25 + 26 -

to 13045-1 E,

Descending

S. 9 N. R 20 E. S + S. R. W.

Chains -

- 11.00 Row Day hrs E + W +
ascend ↓
- 25.00 Top of ridge hrs N E +
descend ↓
- 40.00 Set a post 3 ft. long 4 ins
with marked stone 1 1/2 ins in ground
sq. for 1/4 sec for marked
1/4 S on the face, Dry pits
15 x 15 x 12 ins N + S of post
5 1/2 ft. dia. + raised a
mound of earth 1 1/2 ft.
high 3 1/2 ft. base round
post -
- 80.00 Set a post 4 ft long
4 ins sq. with marked
stone 2 ins in the ground
for cor to Secs - 23 - 24 of 25 -
26 marked S 9 N S 24
on N. E. R 20 E. S 25 and 26

Sq U, R 30 E. S + S. R. W

Chains

S 26 on S W + S 25 on N W
faces, with 2 notches on
S + 1 notch on E edges -
Dug pits 15 x 15 x 12 in
each Dec. 5 1/2 ft. dist, and
raised a mound of earth
2 ft. high 4 1/2 ft. base
around post.

Bandilly

Soil 2nd rate

Timber Pine & Cedar,

Vegetation Bunchgrasses

East on a random line bet,
Decs 24 + 25

ba 130° 45' E,

Descend over rolling ground

59 N. R 30 E. 15 + S. R. W

Chain

- 40,00 Set a temporary $\frac{1}{4}$ Sec
Cor.
- 5380 Cross dry wash 15-lks
wide course N + ascend.
- 7978 Intersect E boundary of
Sp 36 lks N of Cor to
Secs - 19-24-25 + 30 which
is a part set formerly in a mound
of earth - marks 59 N. R 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 2 notches on S +
4 notches on N edges +
pits 18 x 18 x 12 ins $5\frac{1}{2}$ ft.
diels in each Sec.

from which Cor I run
N 89° 45' W and true line

Sy N. R 30 E. S + S. R M,

Chairs.

bet. Secs - 24 + 25

to 130 45' E.

39.89 Set a post 3 ft. long 4 ins
diameter with marked below
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. dia +
railed + mound of earth
1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base
around post

79.78 The Cor. to Secs - 23 - 24 - 25 + 26 -

band rolling

Soil 2nd + 3rd rate

Timber Pine & Cedar.

Vegetation Bluegrass

Sgt. R. S. E. S. + S. R. M.

Chains

North bet. lines 23 + 24

ba 13° 45' E

40.00 Descend over rolling ground
 set a post 3 ft. high 4 ins
 sq. with marked stone
 12 ins 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. dia. & raised
 a mound of earth 1 1/2
 ft. high 3 1/2 ft. base
 around post.

80.00 set a sand stone 40 x 30
 x 10 ins 20 ins in the
 ground for Cor to Secs
 13-14-23 + 24 and raised
 a mound of stone.

S 7 N. R 20 E. S + S. R. M.

Charis -

along side, Pits impracticable ✓
From which.

a fine 8 in drain bro 8. 10 W
13 lbs dist. marked S 7 N. R 20
E. S 23 B. S.

a fine 10 in drain bro 44 W
24 lbs dist. marked S 7 N. R
20 E. S 14 B. S.

Band rolling
Soil 2nd + 3rd feet
Timber Pine + Cedar,
Vegetation Bunchgrass

East on a sand in line
bet. Secs 13 + 24

to 13045' E.

ascend gradually

Sg N. R 30 E. S + S. R. W.

Chains -

- 3290 Top of ridge bis - N. W +
S E & descend.
- 40.00 Set a temporary $\frac{1}{4}$ section
- 69.90 Cross gulch 10 lbs wide
Course N. W. & ascend.
- 79.63 Intersect E. boundary
of Sp - 3 & lbs N of cor to
Secs - 13 - 18 - 19 + 24 - which
is a sand & stone 18 x 19
& 12 is set firmly in the
ground marked with 3
notches on N + S edges
and with a mark
of stone alongside
- from which cor
N 89° 44' W on a true

Sg N. R 30 E. G. S. R M,

Chairs

line bet. Secs 13 + 24
 to 13° 45' E,

39.82 Hit a sandstone 30 x 12
 x 10 ins 15-ins in the ground
 for $\frac{1}{4}$ Sec Cor. - marked $\frac{1}{4}$
 on N face & raised a
 mound of stone alongside
 Pits impracticable

79.63 The Cor. to Secs 13-14-23+24-
 hand rolling
 Soil 2nd rate,
 Timber Pine & Cedar,
 vegetation Bunchgrass

North bet. Secs 13 + 14
 to 13° 45' E,

Descent -

2640 Cross Coyote Creek. Course

Fig. N. R. 50 E. S + S. R. W.

Chains -

N 80° W 20 lks wide &
asced -

40.00 Set a volcanic rock
12 x 10 x 8 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 lks
N + S of stone 5 $\frac{1}{2}$ ft.
dist, & raised a mound of
earth $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft.
base along side.

73.60 Cross road ^{to} New Mexico
hrs N, E + S, W.

80.00 Set a post 4 ft. long
4 ins sq with marked
stone 12 ins in the
ground for Cor to Sec -
11-12-13 + 14 - marked
with 4 holes on S

Sg N. R 30 E. S + S. RM

Chavis

+ notes on E edges + raised
a mound of stone alongside
Pits impracticable
Band rolling hills -
Soil 2nd + 3rd rate,
Vegetation Bunchgrass
Tulber Pine + Cedar.

East on a random line
bet. Secs 12 + 13 -

ba 13° 45' E

Descend -

- 5.50 Cross road to New Mexico
bet N E + S. W. in low seq
- 40.00 hit a temporary 1/4 Sect
Cor.
- 80.66 Intersect E boundary
of T₁ - so bet N of Cor

Tg U. R 30 E. S + S. R M

chains

to Secs - 7 - 12 - 13 + 18 which
is a volcanic stone 10 x 8 x
8 ins set firmly in the
ground marked with
2 notches on U + 4 notches
on S edges - + pits + mounds
in each Sec $5\frac{1}{2}$ ft. dist.
+ bearing trees S. - E + S. W.
properly marked.

from which Cor D run -
U $89^{\circ} 47' W$ on a true
line bet. Secs - 12 + 13 -

ba $13^{\circ} 45' E$

40,33

Set a post 3 ft. long
4 ins sq. with marked stone
12 ins in the ground for
 $\frac{1}{4}$ Sec Cor. unmarked $\frac{1}{4}$

S of N. R so E. S + S. R M.

Chains

8 on N. face, Dug pits 18x
18x12 ins E + W of post
5 1/2 ft. dia, & raised a
mound of earth 1 1/2 ft.
high 3 1/2 ft. base around
post

40.66

The Cor to Secs - 11 - 12 - 13 + 14

Round mountains,

Soil 3^d rate,

Timber Pine + Cedar,

Vegetation Bunchgrass

North bet. Secs 11 + 12,

to 100 45' E.

40.00

Set a post 3 ft. long 4
ins sq. with marked
stone 12 ins in the ground
for 1/4 Sec Cor. marked

Sq U. R 30 E. S + S R M

Chains

$\frac{1}{4}$ S on W face, Dug pits $18 \times 18 \times 12$ ins N + S of post $5\frac{1}{2}$ ft. dist & raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around post.

80,000 Set a post 4 ft. long 4 ins sq. with marked stone 12 ins in the ground for loc to see - 1-2-11 + 12 marked. Sq U S 1 on N E, R 30 E S 12 on S. E, S 11 on S W + S 1 on N W faces, with 5 notches on S + 1 notch on E edges. Dug pits $18 \times 18 \times 12$ ins in each see $5\frac{1}{2}$ ft. dist, & raised a mound of earth 2

S 9 N. R 30 E. S + S. R 7 W

Chains

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

Sound mountainous
Soil 2nd + 3rd grade
Timber Pine + Cedar.

Vegetation Bunchgrass
Sep 4th 1882

East on a random line
bet. Secs 1 + 12

to 100 45' E,

Ascend.

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

80.22 Intersect E. boundary of Sp
24 lbs N of Cor to Secs
1-6-7 + 12 which is a

Sq. W: R 30. E. 4 + S R W

Chains

sand stone $12 \times 10 \times 6$ ins set
firmly in the ground. marked
with 5 notches on S + notch
+ on N edges + mounds of stone alongside
with a bearing tree S $25\frac{3}{4}^\circ$ E
properly marked.

from which Cor D run
th 89° 50' W on a true line
bet. Secs - 1 + 12

to a $13^\circ 45'$ E

40.11

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 + 18 + 12 ins
E + W of post $5\frac{1}{2}$ ft.

Sg N. R 20 E. 15 + 1. R M

Chains

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

80,22 The Cor to Secs - 1-2-11 + 12

Band notations in

Soil 3rd rate.

Timber Pine & Cedar.

Vegetation Bunchgrass

North on a random line bet Secs 1 + 2

ba 13° 45' E

Ascent in timber

40,00 Set a temporary 1/4 Sec Cor.

80,62 Intersect to boundary of Sp - 18 lbs E of box to Secs - 1-2-35 + 36, which is a post set in mound

Sq. N. R. 30 E. 5 + S. R. 11.

Chains

of earth with pits in each corner
marked S. 10 N. 136 on N. E. R. 30 E. ✓
S. 1 on S. E. Sq. N. 82 on S. W. + S. 35 on
N. W. faces + 5 notches on W. + 1 on
edges + bearing trees S. 26 1/2° W. + 74° W.
properly ~~marked~~

from which Cor. D run
E. 8' S. on a true line ✓
bet. Secs 1 + 2 -

ba 13° 45' E.

4062.

Set a post 3 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 -
Dug pits 18 + 18 + 12 ins
N + S of stone 5 1/2 ft.
diam. and raised a

Sy U. R 30 E. S + S. R M,

Charris-

8962 mound of earth 1 1/2 ft. high
 3 1/2 ft. base around post.
 The Cor to Secs. 1-2-11+12
 Round mountainous
 Soil 3^d rate,
 Juniper, Pine & Cedar
 Vegetation, Bushygrass

From the Cor to Secs.
 2-3-34+35 which is a
 lava stone 10x10 ins set
 firmly in the ground marked
 D. C. with 2 notches on E
 + 4 notches on W edges
 + mound of stone along side
 with bearing trees N. +
 S. E. properly marked

S. of N. R 30 E. G. S. R. M.

Chains

from which Cor Iron
North bet. Secs 34 + 35 -

ba $13^{\circ}45' E$,

Descend.

- 6,25- Cross road bet N 84° W
- 35,40 Cross gulch 20 lks wide
Course N. E., & ascend
- 40,00 Set a sand stone $10 \times 8 \times$
& ins 6 ins in the ground
for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4} S$
on W face. Dig pits
 $18 \times 18 \times 12$ ins N + S of
stone $5\frac{1}{2}$ ft. dia. & raised
a mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. base alongside
- 80,00 Set a post 4 ft. long 4
ins sq. with marked
stone 12 ins in the ground
for Cor. to Sec - -

Sg N R so E. G. S. R W,

Chains -

26-27-34+35, marked
 Sg N. S 26 on N E. R so E
 S 35 on S. E. S 34 on S. W,
 + S 27 on N. W faces +
 1 notch on S + 2 notches
 on E edges - Dig pits
 15 x 15 x 12 in. in each
 See 5-1/2 ft. dist. & raised
 a mound of earth 2 ft.
 high 4-1/2 ft. base around
 post.

Round rolling hills -

Soil 3^d rate.

Scrub Pine & Cedar

Vegetation Bunchgrass,

East on a random line
 bet. Secs 26 + 35.

Sg. N R. 20 E S + S R M.

Chains-

ba $13^{\circ}45' E$,

Descend -

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

44.00 Enter heavy timber bro -
N + S.

74.00 Top of ridge bro - N + S. -
descend,

80.36 Intersect N + S line
18 lbs N of bar to Secs -
25 - 26 - 35 + 36 from
which cor I run.

N 89° 5 - 21 W on a true
line bet. Secs - 26 + 35,

ba $13^{\circ}45' E$,

40.18 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. Day

Sq. N. R. 20 E. T. & S. R. M.,

Chairs -

pits 18 x 18 x 12 ins E + W of
post 5 1/2 ft. dia. and raised
a mound of earth 1/2 ft.
high 3 1/2 ft. base around
post.

Po. 36

The Cor to Secs - 26-27-34 & 35 -

Band hilly

Soil 3rd rate,

Timber Pine & Cedar,

Vegetation Birch grass

North bek. Secs 26 + 27

to 13° 45' E.

ascend -

2,500

Top of ridge bet. N. & E
descend.

40,000

Set a post 3 ft. long
4 ins sq with marks

59 W R 20 E. S + S. R W

Chairs

stake 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 N + S
of post 5 $\frac{1}{2}$ ft. dia &
raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
along side.

80.00 Set a post 4 ft. long
4 ins sq. with marked
stake 12 ins in the ground
for Cor to Secs. 22-23-26
& 27 - marked 59 N. S 23
on N E. R 20 E. S 26 on
S. E. S 27 on S. W & S 22
on N W. faces & 2 notches
on E & 2 notches on S
edges. Dug pits 18 x 18
x 12 ins in each Sec

Sg N. R 30 E. 5 - S. R M,

Chains -

5 1/2 ft. dia, and raised a mound of earth 2 ft high 4 1/2 ft. base around post, from which -

A pine 14 ins diam base S. 50° E. 75 lbs dia, marked Sg N R 30 E. S 26 B. S.

A cedar 10 ins diam base N 58 1/2° W, 60 lbs dia - marked Sg N. R 30 E. S 22 B. S.

Round lily -

Soil 3^d rate.

Timber, Pine & Cedar.

Vegetation Bunchgrass

East on a random line bet. lines 25 + 26,

ba 13° 45' E

Tg N R 20° E. N + S. R M,

Charris

Ascend,

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

58.00 Top of ridge bet N + S & descend,

80.24 Intersect N + S line 28
lks N of Cor to Secs - 23 -
24 - 25 + 26 - from which
Cor Down -

N 89° 45' W on a true line
bet. Secs 23 - 26.

ba 13° 45' E.

40.12 Sit a post 3 ft. long &
is sq. ^{with} marked stone 12
ins 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. & raised a

Sq N R 30 E. 50 S. R M,

Chairs

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

80.24 The Cor to Secs 22, 23, 26 + 27.

Land rolling

Soil 2nd rate,

Timber Pine + Cedar,

Vegetation Brunchgrass

North bet. Secs 22 + 23,

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

Descend.

40.00 Set a post 3 ft. long 4 in
sq. with marked slope 12
in in the ground for $\frac{1}{4}$
Sec Cor. marked $\frac{1}{4}$ S on
W face. Dry pits 18 + 18 +
12 in N + S of post

Sy U. R 20 E. S + S. R W.

Chairs

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

80.00 Set a sand stone 12 x 10 x
8 ins. 8 ins in the ground
for Cor to Secs 14 + 15 - 22
+ 23, marked with 3
notches on S + 2 notches
on E edges. Dry pits
18 x 18 x 12 ins N + S of
stone 5 1/2 ft. disk, + raised
a mound of earth 2 ft.
high 4 1/2 ft. base alongside
from which
a cedar 24 ins diam, 110° E ✓
76 lbs disk, mark Sy U. R 20
E. S 14. B. S.
a cedar, 20 ins diam

Sg N. R 20 E. G + S. R M,

Chains -

hrs - S 20° W, 122 lbs dist,
 marked Sg N. R 20 E, S 22 B 5,
 Bandrolling,
 Soil 2nd after,
 Timber Pine + Cedar,
 Vegetation Bunchgrass,

East on a random line
 bet. hrs. 14 + 20,
 bearing 13° 45' E.

Ascend -

- 10.50 Top of ridge hrs N. W + S E,
 + descend.
- 30.55 Cross gulch 15 lbs wide
 course N 50° W + ascend,
- 37.10 Top of ridge hrs N. W, +
 descend.
- 40.00 Set a temporary 1/4 sec cor,

15 of U. R. 20. E. S + S. R. U,

Chains -

53.70 Enter valley N 30° W + S 30° E.

Across valley

64.10 Leave valley & ascend,

80.28 Intersect U + S line 42 lbs

U of Cor to Secs 13-14-23 + 24, from which Cor D runs -

N 89° 42' W on a true line bet. Secs - 14 + 23,

to 13° 45' E

40.14 Set a sand stone 14 x 10 x 8

is 9 ins in the ground for 1/4 Sec Cor. Marked 1/4 S on N face - Dug pits 18 x 18 x 12 ins E + W of stone 5 1/2 ft. dist, & raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base

Sg N R so E. S + S. R M,

Chains

along side - from which
 a cedar so in drain hrs 2450 W
 73 lbs diet. marked 1/4 S B S,
 80,28 The Cor to Decs - 14-15-22+23,
 Band rolling hills -
 Soil 200+ ft rate,
 Timber pine + cedar,
 vegetation Bunchgrass

YOUTH bet. Decs - 14 + 15,
 Va 13° 45' E.

Descend.

36.50 Cross coyote creek 20 lbs -
 wide, course west.

Ascend.

40.00 Set a volcanic stone
 14 x 10 x 8 ins 10 ins in the
 ground for 1/4 Dec Cor.

Sq. W. R. 20 E. N + S. R. W.

Chairs

- 41.60 marked $\frac{1}{4}$ S on W face
 Dug pits $15 \times 15 \times 12$ ins
 N + S of stone $5\frac{1}{2}$ ft.
 dist. & raised a mound
 of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
 ft. base along side of
 Cross road to New Mexico
 hrs E + W.
- 80.00 Set a post 4 ft. long 4 ins
 sq. with marked slates
 12 ins in the ground for
 Cor to Secs - 10 - 11 - 14 + 15.
 marked Sq. W. S 11 on N E.
 R 20 E. S 14 on S. E. S 15 on
 S. W + S 10 on N. W faces
 + 4 notches on S + 2 notches
 on E edges - Dug pits
 $15 \times 15 \times 12$ ins in each Sec.
 $5\frac{1}{2}$ ft. dist. & raised a

Sq N R 30 E. S 10 T 11

Chains

mound of earth 2 ft,
high $4\frac{1}{2}$ ft. base around
post. from which
a pine 12 in diam brs
N 68° W 1.33 lbs soil marked
Sq N. R 30 E. S 10 T 11.

Round mountains
Soil 3° rate,
Timber Pine & Cedar
Vegetation Bunchgrass

East on a random line
bet. Secs. 11 & 14 -
ba 13° 45' E.

ascend.

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

79.44 Intersect N + S line

MIS of W R 30° E. S + S. R M,

Chairs.

25-lbs S of bar to Sec
11-12-13+14- from which
Cor S run

S 89° 49' W on a true
line bet. Secs 11 + 14

to 13° 45' E,

39,92

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. Run
pts 18 + 18 + 12 ins E + W
of post 5 $\frac{1}{2}$ ft. dia &
raised a mound of
earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$
ft. base around post
from which
a line 14 ins drawn

Sq N. R 20 E. S + S. R M.

Chairs—

hrs N 16° E. 74 lbs disk,
marked $\frac{1}{4}$ S. B, S.

79.54

The Cor to Secs 10-11-14+15

Board rolling

Soil 3^d rate

Timber Pine + Cedar,

Vegetation Bunchgrass

I carefully examined the
adjustments on my solar
compass - to-day, particularly
the latitude + releveling
apparatus + found them
correct.

Sept. 5 1882

North bet. Secs 10 + 11

to 13° 45' E

at S of W. R 20 E. S 1 S. R M.

Chairs

- ascend 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 W-face, Dug
pits 18+18+12 ins N + S
of post 5 $\frac{1}{2}$ ft. dia. &
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 Sec- 2-3410+11
marks S of N. S 2 on N E,
R 20 E. S 1 on S E, S
10 on S W + S 3 on N W

S 9 N. R. 30 E S. 1 S. R. 11,

Charris

faces + 5 notches on
 S + 2 notches on E edges
 + raised a mound of
 stone along side, pits
 impracticable - from which
 a pine 12 mis diameter 4300 E
 60 lbs dist. marked S 9 N R 30
 E. S. 2 B 5

a pine 10 mis diameter
 4200 W 45 lbs dist. marked
 S 9 N R 30 E. S. 10 lb.

Round mountains

Soil 3^d rate

Timber Pine + Cedar,

Vegetation Bunchgrass

East on a random
 line bet. Dec 2 + 11

to 130 45' E

Sig M R. so E. S + S R M.

Chains-

- 40.00 Descend through timber.
Set a temporary $\frac{1}{4}$ sec cor.
- 80.5-6 Intersect N + S line 12 lbs
S of cor to sees. 1-2-11+12
from which cor from
S + 90° 55' W on a true line
bet. sees 2 + 11
to 13° 45' E.
- 40.28 Set a post 3 ft. long 4
ins sq. with marked
stains 12 ins in the
ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ S on N face
Dig pits 15 x 15 x 12 ins
E + W of post 5 $\frac{1}{2}$ ft.
diam. + raised a mound
of earth $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base around post.

Sg N. R 30 E S + S. R W,

Chains

80.56 The Cor to Secs - 2-3-10+11
 Band - irregularities
 Soil 3 @ rate,
 Timber pine + Cedar,
 vegetation Brunchgrass

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

bal 130 45' E.

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

80.90 Intersect N. boundary
 of Sp - 28 lbs E of Cor to
 Secs - 2-3-34 + 35 which
 is a post set in a mound
 of earth with pits in each Sec.
 marked Sp N. S 35 on N E, R 30 E.
 S 2 on S E, Sg N. S 35 on S W and

11:59 N. R. 30 E. 1/2 S R M

Chains-

Δ 34 on N. W. face - + 4 notches on
W + 2 notches on E edges + a bearing
line N 8° W. properly marked

from which Cor. D run
E - 12' S on a true line ✓
bet. Secs 2 + 3.

to 13° 45' E.

40.90

Set a post 3 ft. long 4
ins sq. with marked
stone 1/2 ins in the ground
for 1/4 Sec Cor. marked
1/4 S on W face. Dig
pits 15 + 15 + 12 ins N + S
of post 5 1/2 ft. dia +
raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base
around post.

59 N. R 30 E. S + S. R W.

Chains

80.90

The cor to Secs 2-3-10+11
Land mountainous
Soil 3rd rate
Timber Pine + Cedar,
Vegetation Bunchgrass

From the cor. to Secs-
3-4-33+34 - which is a
lava stone 20 x 16 ins
set firmly in the ground
marked B.C. with 3
notches on E + W edges
& a mound of stones
alongside

From North bek. Secs 33+34
to 130° 45' E

Stg 4 R 20 E. S + S R M

Chassis -

- 40.00 Across mesa in timber
 Set a volcanic stone
 20 x 14 x 12 ins 16 ins in
 the ground for $\frac{1}{4}$ Sec Cor.
 marked $\frac{1}{4}$ S on the face
 + raised a mound of stone
 along side, Pits impenetrable
- 55.00 Beade mesa + descend.
- 80.00 Set a post 4 ft. long 4
 ins sq. with marked
 stone 12 ins in the ground
 for Cor to Secs 27-28-33
 + 34 - marked Stg N. S 27
 on N E. R 20 E S 34 on S E
 S 33 on S. W + S 28 on N
 W. faces. and with
 1 notch on S + 3 notches
 on E edges - Dig pits

Dg N R 20 E, G + S R M,

Charts -

18 x 18 x 12 ins in each sec,
5 1/2 ft. dia, & raised a
mound of earth 2 ft. high
4 1/2 ft. base around foot

Land hilly
Soil 3^d rate,

Timber Pine & Cedar,

Vegetation Bunchgrass

East on a random line
bet. Secs - 27 + 34

to 100° 45' E,

across valley

14,000 Cross road in depression
bet N 100° W,

38,000 Enter timber bet N + S,
ascend

40,000 Set a temporary 1/4 sec

S. 9 N. R. 30 E. S + S. R. M.

Chains-

- | | |
|-------|--|
| | Cor. |
| 78.00 | Top of ridge bet. N + S +
descend. |
| 80.5- | Intersect N + S line
20 lbs N of cor to Sec
26-27-34+35, from which
Cor. Drains.
N 89° 52' W on a true
line bet. Secs. 27 + 34
Va 18° 45' E. |
| 40.08 | 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. Dig pits
18 x 18 x 12 ins E + W of
post 5 $\frac{1}{2}$ ft. dia. + raised
a mound of earth 1 $\frac{1}{2}$
ft. high 3 $\frac{1}{2}$ ft. base |

S q U R so E. G + S R M.

Chains

around post,

80.15

The cor. to Secs 27-28-33+34-

land hilly -

soil s² rate

Timber pine + cedar,

vegetation, Bluegrass

North bet. Secs 27 + 28,

ba 13° 45' E,

across valley in timber.

28.50

Cross road bet U 25° W.

40.00

hit a post 3 ft. long 4 ins sq, with marked stone

12 ins on the ground for

1/4 Sec Cor. marked 1/4 S on

W face, Dug pits 18 + 18

+ 2 ins N + S of post

5 1/2 ft. dia. + raised a

... Sq N. R 30 E. S + S. R W
 Chain

mound of earth $1\frac{1}{2}$ ft.
 high $3\frac{1}{2}$ ft. base round
 post.

80.00

Set a sand stone 36×14
 $\times 6$ ins - 18 ins in the ground
 for Cor to Secs 2 + 22 + 27
 $\times 28$. marked with 2
 nails on S + S notches
 on E edges - + raised a
 mound of stone alongside
 to sand rolling
 Soil 2 + 2 + 27
 vegetation Bushy grass

East on a random
 line bet. Secs 22 + 27
 Sta 13048-12

S 9 N. R 20 E. S 1 R W

Chains

ascend -

- 20.00 Top of ridge bet - N. W. & descend.
- 40.00 Set a temporary $\frac{1}{4}$ Sec Cor
- 45.00 Cross Sag bet N. E & ascend
- 80.48 Intersect N + S line 40 lbs S of Cor to Secs - 22-23-24-27 from which Cor I run - S $89^{\circ}45'$ W on a true line bet. Secs. 22 + 27.
 bearing $130^{\circ}45'$ E.
- 40.24 Set a post 3 ft long 4 ins sq. with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ Sec on N face. Dig pits 18 x 18 x 12 ins E + W of post $5\frac{1}{2}$ ft. dist. & raised a mound

1' Sg N. R 30 E. 1500 R M

Chairs-

80,48 of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base around post,
 The Cor to Secs 21-22-27 &
 28,

Round rolling hills
 Soil 3° north,
 Sugar Pine & Cedar,
 Vegetation Bunchgrass

North bet. Secs 21 & 22
 to $13^{\circ}45'$ E.

Ascend -

40,00 Set a post 3 ft. long
 4 mi sq. with marks
 about 12 mi in the ground
 for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$
 S on W face. Dry pits

59 N. R 30 E. S + S R W

Chairs -

18 x 18 x 12 ins N + S of post
 5 1/2 ft. dia. + raised + mound
 of earth 1 1/2 ft high 3 1/2
 ft. base around post,

74.00 Cross sand stone ridge
 hrs E + W + descend,

80.00 Set a post 4 ft. long 4 ins
 sq. with marked stone
 12 ins in the ground for
 Cor to Secs - 15 - 16 - 21 + 22
 marked 59 N. S 15 on N, E,
 R 30 E. S 22 on S E. S 21
 on S. W + S 16 on N W
 faces with 3 notches
 on S + 3 notches on E
 edges - Dig pits 18 x 18
 x 12 ins in each Sec 5 1/2
 ft. dia. + raised a mound
 of earth 2 ft. high 4 1/2

59 N R 30 E. 15 x 8 R M

Chairs

base around post,
from which,

A pine 10 m² diam
brs N 20° E 12 lbs dist,
marked 59 N. R 30. E 15
B. 5,

A pine 10 m² diam brs 8 47th
20 lbs dist, marked 59 N. R
30 E. 15 21 B. 5

Loose rolling & broken
soil 2 20 + 8 2 hats,
Timber Pine & Cedar
vegetation Bunchgrass

East on a road on
line bet. Secs 15 + 22

ba 13° 45' E

S of N R 20 E. S + S. R M,

Chairs—

- Descend gradually.
- 15.55 Cross ridge bet N 25 E.
+ descend.
- 40.00 Set a temporary $\frac{1}{4}$ Sec Cor.
- 47.55 Dry wash bet N 15 W
20 lbs wide + ascend—
- 79.38 Intersect N + S line 65
lbs S of bar to trees 14 x 15
22 + 23 from which Cor
Draw.
S 89° 32' W on a true line
bet. trees 15 + 22,
ba 19° 45' E
- 3969 Set a sand stone 14 x 12 x
6 ins 9 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
stone 5 $\frac{1}{2}$ ft dist. and

S. 9 N. R. 30 E. G. + S. R. W.

Chairs

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

79.35

The Cor to Dec - 15-16-21+22

land rolling

soil 2nd rate

Timber pine & cedar

vegetation Bunchgrass

North bet. Dec 15+16

to $130^{\circ}45' E$

Descend.

34.40

Cross road to New Mexico
 bet E + W.

36.92

cross bayote creek 20 lbs
 wide to base of $80^{\circ} W +$
 ascend.

40.00

ditto sand stone 14×10

Sq N. R 20 E, T & S. R M,

Chairs

7 ins 8 ins in the ground
for 1/4 Sec Cor. marked 1/4 S
on W face + raised a
mound of stone along side
Pits impracticable.

80.00

Set a sand stone 14 x 12 x
8 ins 9 ins in the ground
for Cor to Sec 9/10-15 & 16
marked with 4 notches
on S + 3 notches on E
edges. Dug pits 18 x 18 x
12 ins in each Sec. 5 1/2
ft. dist. + raised a mound
of earth 2 ft. high 4 1/2
ft. base - along side -
from ~~west~~

A pine 10 in diam br N 03 E
40th dist. marked Sq N. R 20 E
S 10. B 5

Fig U R 30 E, 15 + 5 R M

Chassis -

a pine 2 in diam hrs 8570 E
29 lbs diet marked Fig U R
30 E, 15 B, S,

a pine 10 in diam hrs 8650 W
10 lbs diet, marked Fig U R
30 E, 16 B, S,

a pine 12 in diam hrs 8830 W
25 lbs diet, marked Fig U R 30
E 15 B S

Band lilly

Soil & water

Trunks, Pine & Cedar

Vegetation Bunchgrass

East on a random line
bet. Decs 10 + 15

Va 13° 45' E,

ascend.

S 9 N R 30 E, S + S. R W,

Chairs

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

80.22 Subtract N + S line 15 lbs

N of bar to Secs. 10-11-14+15

from which Cor. - D. was

N 89° 53' W on a true line
bet. Secs. - 10 + 15

ba 13° 45' E,

40.11 Set a sand stone 14 x 11 x

9 ins 9 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 stone

5 $\frac{1}{2}$ ft. dia. & raised an

amount of earth 1 $\frac{1}{2}$ ft.

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

80.22 The Cor to Secs. 9-10-15+16.

Round lily

Soil 3° rate

Timber Pine + Cedar.

Sy. Cr. R 30 E. G + S. R M.

Chains.

Vegetation Bunchgrass,
Sept. 6th 1882.

Station bet. Secs 9 + 10
T₁ 13° 45' E.

Ascend.

40.00 Set a sand stone 18 x 12
+ 9 ins 12 ins in the ground
for 1/4 Sec. Cor. marked
1/4 S on W face. Dug
pit 18 x 18 x 12 ins N + S
of stone 5 1/2 ft. dia &
raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base
along side.

60.00 Top of spur bet E + W.

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

59 U. R 20 E. S. S. R. U

bhairis

stone 12 ins in the ground
 for cor to bees 3-4-9+10-
 marks 59 U S 3 on U E,
 R 20 E. S 10 on S. E. S 9 on
 S. W. + 4 on U. W faces
 with 5 notches on S +
 3 notches on E edges -
 Dug pits 18 x 18 x 12 ins
 in each bee. 5 1/2 ft. dia.,
 + raised a mound of earth
 2 ft. high 4 1/2 ft. base
 around post from which
 a pine 12 ins diam bro -
 U 8 70 E. 3 x lbs dia., marked
 59 U. R 20 E. S 3 B. S.

band mountains,

soil 3^d rates,vegetation Bunchgrass
Tuber Pine + cedar

Sg U: R. 30 E. 10 + S. R. M.

Chains

East on a random line bet.
Dees 3 + 10

ba 130° 45' E,

acced.

1.10 Top of ridge bet U + S.

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

79.90 Subtract U + S line 18
lbs S of cor to Dees 2-3-10+11
from which cor. I run
S 89° 52' W on a true line
bet. Dees - 3 + 10

ba 130° 45' E

39.90 Set a sand stone 14 x 10 x 6
ins x ins in the ground
for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$
S on U face. Dig pits
18 x 18 x 12 ins E + W of
stone 5 $\frac{1}{2}$ ft. dist.

Sg N. R 30 E. G. S. R. M.

chains

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

77.90 The Cor to Secs. 3-4-9+10.
Barren mountainous
Soil 3rd rate.

Very station Bushy grass
Timber, Pine & Cedar

-

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

ba 13° 45' E,

Decend.

40.00 Set a temporary 1/4 Sec Cor.

81.18 Intersect N. boundary of Sp-
24 lbs E of Cor to Secs -
3-4-33+34 - which is a

1. 59 Cr. R. 30 E. 19 + S R W

Chains

post set firmly in the ground in mound
of earth - with pits marked 510 N. S 34
on N. E. R 30 E. S 30 S E. 59 N. S 40 S W
+ S 33 on N. W. faces + 3 notches on
E + W edges, with bearing trees
N. E + S. W. properly marked

from which Cor. Green,
S 10' E on a true line bet,
Dees, 3 + 4.

41.18 Set a sand stone 16 x 10 x 6
ins 12 ins in the ground
for $\frac{1}{4}$ Dec Cor. marked $\frac{1}{4}$
W on W face - Dry pits
18 x 18 x 12 ins N + S of
stone 5 $\frac{1}{2}$ ft. dirt + raised
a mound of earth 1 $\frac{1}{2}$ ft.
high 3 $\frac{1}{2}$ ft. base along side

59 N. R 30 E. S. 7 S. R. M.

Chains

8.1.18

The Cor to Secs 3-4-9+10,
 Low mountainous
 Soil 3^d rate
 Vegetation Bunchgrass
 Timber, Pine & Cedar,

North bet. Secs 32 & 33
 from the Cor to Secs 32-33
 4+5, which is a volcanic
 18 x 4 mi. soil fairly in
 the ground marked
 S.C. with 2 notches on
 W & 4 notches on E edges
 & a mound of stone
 alongside

from which Tra 13045'2.
 Descend gradually

Fig. 11: R. 35. E. B. & S. R. W.

Chains

- | | |
|-------|---|
| 34.20 | Leave timber bro. N. W. + S. E. |
| 40.00 | Set a sand stone $14 \times 12 \times 10$ ins 9 ins in the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S on W face, & raised a mound of stone alongside - Pits impracticable |
| 47.20 | Enter small valley bro N. W. + S. E. |
| 52.20 | Leave small valley bro N. W. + S. E., ascend - |
| 80.00 | Set a lava stone $20 \times 18 \times 16$ ins 15 ins in the ground for cor to Sec. 28-29-32 & 33, marked with 1 notch on S + 4 notches on E edges. |

Tg N. R. 20 E. S. + S. R. M.

Chains-

raised a mound of stone
alongside, pits impracticable

Band rolling
soil 2nd rail

Timber Pine + Cedar,

vegetation Bunchgrass

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

ba 13° 45' E,

ascend gradually,

8.10 Enter timber bet N + S.

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

80.23 Intersect N + S line 13 lbs

N of Cor to Secs - 27 - 28 - 33 + 34

from which Cor. Run

N 89° 55' W on a true line

bet. Secs - 28 + 33.

1159 N. R 30 E. 15 + S. R. W.

Chassis

va 13° 45' E

40,12 Set a lava stone 14x11x8
 ins 10 ins in the ground
 for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S
 on N face & raised a
 mound of stone alongside
 Pile impracticable

80,23 The cor to Secs 28-29-32+33
 Road rolling
 Soil 3^d rate.
 Timber Pine & Cedar -
 vegetation Bunchgrass

North hbr. Secs 28+29

va 13° 45' E

18,20 Ascend gradually -
 Enter timber hbr E + W

Fig. N. R 30 E. S. 1. R. M.

Chairs

- 25.40 Beam timber hrs E + W,
- 40.00 Set a lava stone $18 \times 14 \times 10$
 ins 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 + S of stone $5\frac{1}{2}$ ft.
 dist. + raised a mound
 of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base alongside.
- 65.75 Enter timber hrs N, W. +
 S. E. + descend.
- 80.00 Set a sand stone $20 \times 12 \times 10$
 ins 15 ins in the ground for
 Cor to Secs. 20-21-28 + 29
 marked with 2 notches
 on S + 4 notches on E edges
 + raised a mound of stone
 alongside. Pits unpracticable

July 11, 1930 E. 5/4 S. 14 T.,

Charris -

Band rolling -
Soil 2nd rate
Timber Pine & Cedar,
Vegetation Bunchgrass

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

ba 13045' E.

Ascend gradually
17.50 Top of ridge bet. N & S descend
29.75 Beaver timber bet. N & S
across valley -
40.00 Set a temporary 1/4 Sec Cor
43.25 Cross road bet. N 28 W
65.10 Enter timber bet. N & S,
89.68 Intersect N & S line 44
lbs - S of Cor to Secs 21-22
27 & 28, from which Cor.

Dg N. R. so E. S. & S. R. M.

Chairs -

D run -

S 89° 41' W on a true line bet,
Dcs 21 + 28,

on 13° 45' E,

40.54 Set a sand stone 10x10x8 ins
6 ins in the ground for $\frac{1}{4}$ sec
Cor. marked $\frac{1}{4}$ S on N face
Dug pits 18x18x12 ins E +
W of stone $5\frac{1}{2}$ ft. dist +
raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
along side

80.68

The Cor. to Dcs. 20-21-28+29
Round rolling hills
Soil 2nd + 3rd rate
Timber Pine + Cedar,
Vegetation Bunchgrass

1st Sq N. R. 30 E. T. & S. R. 11

Charris

North bet. Secs 20 & 21

to 13° 45' E,

Descend gradually

40.00

hit a level stone 18" x 16" x

14 ins 12 ins in the ground

for 1/4 Sec Cor. marked

1/4 S on W face & raised

a mound of stone alongside

Pit impracticable -

60.15

Cross of which 6 lbs wide

course N E & ascend -

70.00

Top of ridge bet N. E. &

S. W. & descend.

80.00

hit a post 4 ft. long

4 ins sq. with marked

stone 12 ins in the

ground for Cor to Secs.

16-17 20 & 21, marked

59 N. S 16 on N E, R 30

E. S 21 on S. E, S

S of N. R 30 E. 15 + 1 R M

Chains

20 on S. W + 17 on N. W
 faces, and with 3 notches
 on S + 4 notches on E
 edges, Dug pits 18 x 18
 x 12 ins in each see 5 1/2
 ft. dist. & raised a mound
 of earth 2 ft. high 4 1/2
 ft. base around post
 Band rolling hills
 Soil 2nd rate
 Timber pine & cedar
 Vegetation Brushy, grass

East on a random line
 bet. Secs 16 + 21

to 150° 45' E,

Descend gradually
 set a temporary 1/2 sec cor

40.00

S. g. N. R 30. E. B. & S. R. M.

Chains

45,12 Cross dry wash 20 lbs
wide course N 30 E +
second.

80,45 Intersect N + S line
18 lbs N of cor to Secs
15-16-21 + 22, from
which cor. I run.

N 89° 52' W on a true
line bet. Secs. 16 + 21

ba 15° 45' E

4024 Set a sand stone 18 x 12 x
10 ins 12 ins in the
ground for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ S on N face
& raised a mound of
stone alongside. Pts
impracticable.

80,48 The cor to Secs. 16-17-20 + 21

Sg N R 30 E. 15 S. R M

Chains

Low rolling hills
 Soil 2nd lake
 Timber pine + Cedar,
 Vegetation Bunchgrass,
 From the see car - to day
 house hrs N 60° E. 15.30 chs
 dist. Coyote springs hrs
 N 60° E 11.77 chs dist.

North bet. Secs 16 + 17,
 Va 13° 45' E.

12.77 Cross road hrs N 86° W + S
 86° E.

21.15 Cross gulch 10 lbs wide
 corner N E + ascend.

35.40 Cross ridge hrs N. E + S. W.
 Descend gradually.

40.00 Hit a sandstone 12 x 10 x 8

Fig. N: R. 30 E. 4 + S. R. M.

Chains-

- ins 8 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 N + S of
stone 5 $\frac{1}{2}$ ft. dist. &
raised a mound of earth
1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base
along side.
- 68.75 - Cross placed 1.5-lbs wide
Course N. W + ascend.
- 74.20 Top of ridge hrs. N. E + S. W
& descend.
- 80.00 Set a sand stone 16 x 8 x 8
ins 10 ins in the ground
for Cor to Secs. 8-9 - 16 x 17
marked with 4 notches
on S + 4 notches on E
edges Dug pits 18 x 18

D. G. N. R. 30 E. 15 S. R. M.

Chairs -

x 12 ins in each dir. 5 1/2 ft.
dist. & raised a mound
of earth 2 ft. high 4 1/2
ft. base along side

Low rolling hills -

Soil ~~is~~ ^{no} red.

Timber Pine & Cedar,

Vegetation Bushy grass.

I carefully examined
the adjustments of my solar
Compass to day. Particularly
the latitude & reversing
apparatus and found them
correct.

Sept. 7 - 1882

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

S 9 N: R 30 E. G & S. R M

Chains

to 13045' E,

22.20

Descend gradually,
Cross Cayote Creek 20 lbs
wire course N.W. + ascend.

40.00

Set a temporary 1/4 sec cor

80.36

Intersect N + S line 28 lbs
N of cor to Secs. 9-10-15+16
from which cor. Draw
N 89° 45' W on a true
line bet. Secs. 9 + 16.

to 13045' E,

40.18

Set ^{sand stone} a 24 x 12 x 10 in 16
ins in the ground for
1/4 sec cor. marked 1/4 S on
N face, + raised a mound
of stone alongside, Pits.
unpracticable

80.34

The cor. to Secs. 8-9-16+17

Sg. N. R 30 E. S. 1 S. R 11

Chains

Bandrolling hills
soil 2nd rate
vegetation Bunchgrass
Dulber Pine & Cedar,

North h. Sec 8 & 9
ba 130° 45' E,

Descend.

16.60 Cross coyote creek 200 ft
wide, course N. 84° W &
ascend.

40.00 Set a lava stone 14 x 12 x 8
ins 10 ins in the ground
for 1/4 Sec Cor. marked 1/4
S on W face & raised a
mound of stone alongside
Pits unfracturable

Sy U. R 30 E. S. 1. S. R. M.

Chains

80.00 Hit a sand stone 16 x 10 x 6
 in 12 in in the ground
 for Cor. to Secs. 4 + 5 - 8 + 9
 marked with 5 volities
 on S + 4 volities on E
 edges, + raised a mound
 of stone along side, Pits
 impracticable,

Land mountainous.

Soil 2nd + 3rd rates

Timber Pine + Cedar,

Vegetation Bunchgrass

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

to 13° 45' E,

Ascending

40.00

hit a temporary 1/2 Sec Cor.

S 9 N. R 30 E. T 5 S. R 11 W

Chains -

79.88

Intersect N + S line 18 lbs
 N of cor to Secs. 5-4-9 + 10
 from which Cor Dren -
 N 89° 5' 2" W on a true
 line bet. Secs 4 + 9
 Val 13° 45' E,

39.94

Set a sand stone 14 x 8 x 6
 ins 10 ins in the ground
 for 1/4 sec cor. marked 1/4 S
 on N face. Dug pits
 18 x 18 x 12 ins E + W of
 stone 5 1/2 ft. dia. + raised
 a mound of earth 1/2 ft.
 high 3 1/2 ft. base along side

79.88

Old cor to Secs. 4-5-8 + 9.
 Sand mountainous
 Soil 3^d rate.

Timber Pine & Cedar
Vegetation Bunchgrass

Sg. N. R 20 E. S. & S. R. W.

Chains

North on a random line
bet. Secs 4 & 5
ba $13^{\circ}45'E$,
ascend.

9.40 Top of ridge bet. N. W & S. E
& descend,

40.00 Set a temporary $\frac{1}{4}$ section,

40.60 Intersect N. boundary
of Sp. 34 lbs E of cor to Sp.
4-5-3 2 & 5 3, which is a
sand stone $16 \times 10 \times 8$ ins set
firmly in the ground marked
with 2 notches on W & 4
notches on E edges. &
with a mound of stone
along side

Ty N. R 30 E. S 8 S. R M.

Chains-

from which Cor Iron
~~S~~ 45' ~~S~~ on a true line bet.
 Secs. 4 & 5

ba $13^{\circ}45'E$,

40.60

Set a sandstone $16 \times 8 \times$
 5 - ins 12 ins in the ground
 for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4} S$
 on W face. Ding pits $18 \times$
 18×12 ins N + S of stone $5\frac{1}{2}$
 ft. dist. + raised a mound
 of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base along side.

80.60

The Cor to Secs. 4-5-8+9,
 found mountainous
 soil 2nd + 3rd rate
 Sassafras, Pine + Cedar
 vegetation, Birchgrass

159 N. R 30 E. 24 S. R. U.

Chains

From the cor to Secs -
5-6-31+32 which is a
lime stone 18 x 16 ins
set firmly in the ground
with a recessed
of stone alongside -
marked S. C. with 1 notch
on W + 5 notches on E
edges

Down north bet. Secs -
31+32

Tr 1304512

Descend gradually,
7.00 Cross gulch 15 ft wide
course N 30° W + ascend
40.00 Set a volcanic rock
14 x 10 x 10 ins 9 ins in the

Fig. N. R. 30 E. 1/4 + S. R. W.

Chairs -

ground for 1/4 Sec Cor
marked 1/4 S on W face
+ raised a mound of
stone alongside, Pits
impracticable.

80,000

Set a volcanic stone
20 x 16 x 10 ins. 10 ins in
the ground for Cor to
bees 29-30-31 & 32 -
marked with 1 notch
on S + S - notches on E
edges + raised a mound
of stone alongside, Pits
impracticable.

Soil mountainous
Soil 3rd rate
Timber Pine + Cedar,
vegetation Bunchgrass

Sg N. R. 30 & 31 S. R. W.

Chairs -

East on a random line
bet. Secs 29 & 32
ba 130°45'E

17.00 Ascend gradually,
Top of ridge bet N & S
& described,

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

80.19 Intersect N & S lines 25
lbs N of cor to Secs 29-30-31 & 32
from which cor. I run
N 89°48' W on a true line
bet. Secs. 29 & 32
ba 130°45'E

40.09 Set a lava stone 18x16x
10 ins 12 ins in the ground
for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$
W on N face & raised
a mound of stones.

Ty U. R 30 E, S + S. R. W.

Chairs

80.19 along side, Pits unpracticable
 The cor to Secs - 29 - 30 - 31 + 32
 Round mountains
 Soil 3rd rate
 Timber Pine & Cedar,
 Vegetation Bunchgrass

West on a random line
 bet Secs 30 + 31
 to 130° 45' E,

11.00 Descend gradually,
 Edge of mesa bet. U & S W
 & descend abruptly
 40.00 Set a temporary 1/4 Sec cor.
 74.28 Cross Nutria Oak creek
 20 lbs wide. Course N 35° W
 & ascend,
 79.73 Intersect W. boundary

59.72 N. 30 E. 4 + 5. R. M.

Chassis -

of Sp- 38 lbs of Cor to
 Decs - 25-30-31 + 36 which
 is a volcanic stone 20x15
 x 12 ins firmly set in the
 ground marked with 5
 footers on N + 1 notch
 on S edges - mound of
 stone along side.

from which Cor Drun -
 S 89° 44' E on a true line
 bet. Decs. 20 + 21

to 130° 45' E

39.73

Set a volcanic stone
 14x10x10 ins 10 ins in the
 ground for 1/4 Dec Cor
 marked 1/4 S on N face
 + raised a mound of

Sg N. R 30 E. S. + S. R W.

Chains -

stone along side, Pits
unpracticable

79.73

The Cor to becs. 29-30-31+32
Round mountains
Soil 2nd + 3rd rate
Timber Pine + Cedar,
Vegetation Bunchgrass

North bet. becs 29 + 30.
ba 130° 45' E.

ascend gradually.

40.00

hit a lava stone 16 x 14 x 10
ins 10 ins 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
stone 5 1/2 ft. dist.

Fig 7. R 30 E. S 1 D. R. M.

Chairs—

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

80.00

Set of lava stone 18x10
x 9 ins 12 ins in the ground
for Cor to Decs. 19-20+29+30
marked with 2 notches
on S + S-notches on E
edges + raised a mound
of stone along side, Pits
unpracticable.

Landmountations
Soil 3² rate.

Timber Pine + Cedar,
Vegetation Bunchgrasses

East on a road on
line bet. Decs. 20+29.

Sg N. R 30 E. S. S. R. M.

Chains -

ba 130° 45' E

Ascend gradually.

35.00

Top of ridge hrs - N + S -
descend

40.00

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

69.20

Cross dry wash 8 lks
wide, Course N W + ascend.

79.66

Intersect N + S line
5-7 lks N of Cor to Secs -
20-21-28 + 29 from which
Cor down -

N 89° 36' W on a true
line bet. Secs. 20 + 29.

ba 130° 45' E,

39.83

Set a lava stone
18 x 12 x 8 ins 12 ins in
the ground for $\frac{1}{4}$ Sec
Cor marked $\frac{1}{4}$ S on N face

59 N. R. Sec 2. S + S. R. W.

Chassis -

and raised a mound of
stone alongside, Pits
unpracticable.

79.66

The Cor to Secs. 19-20-29+30-

Loam hilly,

Soil 3^d rds

Vegetation Bunchgrass

Timber scrub Cedar

Went on a random line
bet. Secs 19 + 30

ba 130° 45' E,

40.00

Descend gradually,
hit a temporary $\frac{1}{4}$ Sec Cor.

79.09

Intersect W boundary of
Sp- 11 lbs N of Cor to Secs
19-24-25+30 which is a

S of N. R 20 E. 1/4 S. R M.

Chairs -

Basalt stone 10 x 10 ins -
 set firmly in the ground
 marked with 2 notches on
 S + 4 notches on N edges -
 + pits + mounds $5\frac{1}{2}$ ft
 dist. in each dir.

from which cor. Iron
 N. $89^{\circ} 55' E$ on a true
 line bet. Secs 19 + 20
 to $13^{\circ} 45' E$

39.09 Set a basalt stone 18 x 16 x
 15 ins 12 ins in the ground
 for $\frac{1}{4}$ sec cor. marked $\frac{1}{4} S$
 on N. face + raised a
 mound of stone alongside
 Pits impracticable

79.09 The cor to Secs 19-20-29+30

Sgt. R. S. E. L. S. R. M.

Chairs -

Band mountains
Soil 2nd rate
Vegetation Bushy
Sept. 8-1882

North lat. Decs 19 + 20,
to 130° 45' E

40.00 Descend gradually,
Set a lava stone 14 x
11 x 6 ins 8 ins in the
ground for $\frac{1}{4}$ Sec Cor-
marked $\frac{1}{4}$ Sec W face,
Dug pits 18 x 18 x 12 ins
N + S of stone $5\frac{1}{2}$ ft,
dirt, & raised a mound
of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft. base alongside
63.80 cross road to New Mexico

Sg N. R 30 E. S + S. R M.

Chains

hrs E + W,

80.00 Set a lava stone $12 \times 12 \times 8$
 ins 8 ins in the ground
 for Cor to Secs 17-18-19 + 20
 marked with 3 notches
 on S + 5 notches on E
 edges + raised a mound
 of stone alongside. Pits
 impracticable.

Round rolling mesa.

Soil 3^d rate

Timber scrub cedar.

Vegetation Bunchgrass

East on a random
 line bet. Secs 17 + 20

to 13045' E

Descend -

59 N. R. 30 E. 50 S. R. M.

Chains—

- 40.00 Set a temporary $\frac{1}{4}$ Sec
Cor.
- 43.50 Cross road to New Mexico
bys N. E + S. W.
- 80.16 Intersect N + S lines
42 lbs N of cor to Secs
16-17-20+21. from
which Cor I run
N. $89^{\circ} 42'$ W on a true
line bet. Secs 17 + 20
ba $13^{\circ} 45' E$.
- 40.08 Set a post 3 ft long
4 ins sq. with marks
shown 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 $5\frac{1}{2}$ ft. dia.
+ raised a mound

Sy U. R. 30 E. 15 + S. R. W.

Chassis -

80.16 of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$
 ft. base around pool.
 The Cor to Secs - 17-18-19+20
 Round hilly,
 Soil 3^d rate,
 Timber scrub cedar,
 Vegetation Bunchgrass

West on a random line
 bet. Secs 18+19

to $13^{\circ}45' E$

Ascend gradually,
 40.00 Set a temporary $\frac{1}{2}$ Sec Cor

78.21 Intersect W boundary
 of Sp- 57 lbs N of Cor lot
 Secs - 13-18-19+24 which is a
 volcanic stone 10×10 ins
 firmly set in ground with

S. of U. R 30 E. by S. R. M.

Chains—

3 notches on U + S edges
and mounds + pits
5 1/2 ft. dist. in each
Dec.



from which Cor Iron
U 89° 35' E on a true line
bet. Decs 18 + 19
to 130° 45' E.

38.28

Set a basalt stone 14 x 8
x 6 ins in the
ground for 1/4 Dec Cor
marked 1/4 on U face
& raised a mound of stone
along side. Pits in practice

78.21

Set Cor to Decs 17-18-19 + 20
to and mountains

Sy N. R 30 E. S + S R. M.

Chains -

Soil 2nd rate
 Timber Cedar,
 Vegetation Bunchgrass

North bet. Secs 17 + 18
 Tra 13° 45' E.

Ascend

40.00 Set a lava stone 14 x 10 x 8
 ins 10 ins in the ground
 for 1/4 Sec Cor. marked 1/4
 Sec W face + raised a
 mound of stone along side
 Pits unfracturable.

80.00 Set a lava stone 20 x 18
 x 14 ins 14 ins in the
 ground for Cor to Secs.
 7-8-17 & 18 - marked
 north 4 notches on S

~~S. G. R. S. E. - G. & S. R. W.~~

Chairs -

45 notches on E edge
 & raised a mound of
 stone along side. Pits
 impracticable
 Sand rolling mesa
 Soil 3rd rate
 Timber scrub cedar
 Vegetation Bunchgrass

East on a random line
 bet. Secs. 8 + 17.

to 13° 45' E,

Descend gradually.

30.50

Edge of bluff hrs. N.E. + S.W.

32.00

Foot of bluff, descend
 abruptly.

40.00

Set a temporary 1/4
 Sec. cor.

Sg N. R 30° E. S + S. R M,

Chains

80.72 Intersect A + S line
74 lbs N of bar to sees
8-9-16 + 17. from which
Cor D run

A 89° 28' W on a true
line bet. sees 8 + 17.

ba 13° 45' E.

40.36 Set a lava stone 16 x 12

x 10 ms 10 ms in the ground

for 1/4 see cor. marked 1/4

S on N face + raised a

mound of stone alongside

80.72 Pits impracticable

80.72 The Cor. to sees - 7-8-17+18.

Soil rolling

Soil 2 → + 3 ← water

Timber scrub Cedar,

vegetation Bunchgrass

Dg N. R 30 E. N. & S. R. M.

Chairs -

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

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

Ascend.

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

77.91 Intersect W. boundary
of Tp- 13 lbs of cor to
Secs. 7-12-13 & 18. which
is a line stone $24 \times$
6 ins set firmly in the
ground marked with
2 nails on N & 4 nails
on S edges and a
mound of stone alongside

from which cor S run
 $89^{\circ}54'$ E on a true line

Sg N. R 30 E. 15 + S. R W.

chains

37.91 bet. Secs 7 + 8
 13° 45' E
 Set a basalt stone 1' 3" x
 10 x 6 ins & ins in the
 ground for 1/4 Sec Cor,
 marked 1/4 S on N face
 & raised a mound of
 stone along side. ~~It is~~
 impracticable
 77.91 Set Cor to Secs 7-8-17+18

Band mountainous
 Soil 2nd rate
 Timber Cedar
 vegetation Bunchgrass

Stake bet. Secs 7 + 8,
 Va 13° 45' E.

Second.

4000 Set a post 3 ft long

11 S. $\frac{1}{2}$ N. R 30 E. S + S. R M.

Chairs -

4 ms sq. with marked
stone 12 ms in the
ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ S on W face
Dug pits 18 x 18 x 12 ms
N + S of stone 5 $\frac{1}{2}$ ft.
diam. & raised a mound
of earth 1 $\frac{1}{2}$ ft. high
9 $\frac{1}{2}$ ft. base around post

6750

Cross Cayate creek so
the wide course N 60° W
& ascend.

80.00

Set a sand stone 14 x 10
x 6 ms 9 ms in the ground
for Cor to Secs 5-6 + 7 + 8
marked with 5 notches
on S + 5 notches on E
edges & raised a mound
of stone alongside

Sq U. R 30 E. S & S. R M.

Chains -

Pats impracticable
from which - a fine
12 ino Drain hrs S 30° E,
84 lbs Dist, marked -

Sq U. R 30 E. S & B, S,
Round mountains

Soil 3^d rate

Timber Pine & Cedar

Vegetation Bushy grass

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

to 13° 45' E.

ascend.

9.00 Top of ridge hrs N. W.
& S. E & descend.

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

Town. R 30 E. N + S. R M

Chairs -

80,46 Intersect N + S line
34 lbs S of Cor to Secs -
4-5-8+9. from which
Cor S. Sec -
S. $89^{\circ}45'$ W on a true
line bet. Secs 5 + 8.

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

40,23 Set a sand stone 14×8
 $\times 6$ ins 10 ins in the
ground for $\frac{1}{4}$ Sec Cor,
marked $\frac{1}{4}$ S on N face
& raised a mound of
stone along side Pits
impracticable

80,46 The Cor to Secs 5-6-7+8.
Load mountains
Set 3° rate
Timber Pine + cedar
vegetation Bunchgrass

Sq U. R 30 E. 1/4 S. R M.

Chains-

West on a random line
bet. Secs 6 + 7.
ba 13° 45' E

Descend,

40.00 Set a temporary 1/4 Sec Cor

73.60 Cross coyote creek 20 lbs
wide corner N. W. corner

77.67 Intersect W. boundary
of Sp- 22 lbs of Cor for
Secs 1-6-7+12 which is a
post in mound of earth -
with pits in each sec. marked
Sq U. S 6 on N. E. R 30 E. S 7 on S. E.
R 29 E. S 12 on S. W. S. 1 on N. W.
faces, with 1 notch on N &
5 notches on S edges.

from which Cor I run

11. T g N. R 30 E. S + S. R M,
Chains

N 89° 51' E on a true
line bet. Secs 6 + 7 -

to 1345' E.

37.67

Set a sand stone 16 + 10
+ 8 ins 12 ins in the
ground for $\frac{1}{4}$ Sec Cor.
Marked $\frac{1}{4}$ S on N face -
+ raised a mound of
stone along side, Pits
impracticable.

77.67

The Cor to Secs - 5 - 6 - 7 + 8.

Land mountainous.

Soil 2nd + 3rd rate.

Timber pine + cedar.

vegetation Bunchgrass

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

Ty U. R 30 E. S + S. R W.

Chains-

To a 130°45' E

ascend -

5.00 Top of ridge bro E + W
+ descend.

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

61.00 Top of ridge bro N. W + S. E.
+ descend.


72.00 Cross Sng bro E + W +
ascend.

80.10 Intersect N. boundary
of Sp 42 lbs E of cor to
bees 5-6-31 + 32 which
is a sand stone 36 x 16 x 3 in
set firmly in the ground. marked
with 1 notch S + W + 5 notches
on E edges + a mound of
stone alongside - with
a bearing bet N 20°/4° W -
properly marked -

BOOK 84

By N. R. 30 E. 15 & 1 R W

Chairs



from which Cor Dren
 18' ~~Cor~~ on a true line
 bet. Secs 5 & 6

to 13045' 2

40.10

Set a post 3 ft. long 4
 ins sq. with marked
 stone 12 ins in the
 ground for $\frac{1}{4}$ Sec Cor.
 In marked $\frac{1}{4}$ S on W face
 Dig pits 18x18x12 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

Tg. N. R. 30 E. 15 + 2. R. W.

Chassis -

from which -

A pine 18 mis down has
 S 30° 20' W - 1.66 lbs dist.
 marked $\frac{1}{4}$ S. B. B

80.10

The Cor to trees 5-6-7+8.

Land - mountainous

Soil 2nd + 3^d - rate

Timber Pine + Cedar -

Vegetation Bushy grass

I carefully examined the
 adjustments of my solar
 compass to-day, particularly
 the latitude + reversing
 apparatus + found them
 correct

Sept. 9 - 1852

General Description.

The land in this Township is principally rolling with some mountains.

The soil is 2nd & 3rd rate

The road from Spennerville to New Mexico crosses the township.

There is a house corral & water trench near Coyote Springs in Sec 16, claimed by H. S. Breaghe. - value about \$400.

There is also a house in Sec. 31.

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

The foregoing Field Notes of the survey of

*Subdivision Lines
of Township 9 North,
Range 30 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 examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe, are hereby approved.

J. W. Robinson

Surveyor General.