

Delayed Exterior 2d Contract

See Index

1646

Field Notes

1646
OF THE SURVEY OF

*Exterior Lines of
Twp. 2 N. R. 2 x 4
West.*

Retraced

BOOK 1646

1646

Gila and Salt River Base and Meridian
ARIZONA.

By *R. C. Powers* D. S.

Under contract dated *Jan 2nd* 1883.

Survey commenced *Feb 5th* 1883.

Survey completed *Feb 7th* 1883.

Retracings. 1646

Terms E. B. P. & N. R. & N.

La & Salt River Meridian

Survey commenced
 February 5 1883 with a
 Burt Patent Improved
 Solar Compass made by
 John Roach of San
 Francisco California.

Before commencing the
 survey of the sections, I
 carefully examined the
 adjustments of my solar
 Compass, particularly
 the latitude and reversing
 apparatus, and found
 them correct.

at the cor. to Sps 1 & 2 N.
 Ps 1 & 2 N. just recently

Retracings

Anterior E. B. T. 2 N. R. 2 W. cont

Asim

re-established by me, I took the latitude and found it to be $33^{\circ} 28' N.$ Thence I run North on a random line bet. Secs. 31+36. Var. $13^{\circ} 54' E.$ being unable to find any old corner, I continue North through the township, and at 6 miles, and 62 lbs I arrive at a point 81 lbs West of Tps Cor. to Tps 2+3 N. R. 1+2 W. which is a Post in mound established on the construction of old manual with pits, & I ridig. Pits and rebuild mound to be of proper size. I now return to the corner of Tps 1+2 N.

Retracing.

E. B. S. 2 N. R. 2 W. continued

Chains

R. 1 & 2 W. and Thence
 Imm North $0^{\circ} 5' E$ on
 a true line bet. Secs 34 & 36.

inding an excess of 52 lbs I divide the same proportionally allowing 5 lbs for each half mile, w
 Var. $13^{\circ} 54' E$

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

80.10 Set a Post 4 ft. long, 4 ins. sq.
 with marked stone 12 ins. in
 the ground for Cor. to Secs.

25. 30. 31 & 36. marked

S. 2 N. S. 3 on N. E.

R. 1 W. S. 31 on S. E.

R. 2 W. S. 36 S. W. and

Retrosiring.

Exteriors E. B. T. 2 N.

chains

S. 25 on N. W. faces, with
5 notches on N + 1 notch 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 around post.

Surface level

Soil 1st rate

Dense Greasewood + Cats-
claw Brush.

North ^{0.5' E} bet. Secs. 25 + 30.

Var. $130^{\circ} 56' E$

- 34.20 Cross Road course N. W + S. E.
40.05 Set a Post 3 ft. long, 3 ins. sq.
with marked stone 12 ins.
in the ground, for $1/4$ sec.

Retrasings

R. 2 W. continued

Claims

Cor. marked $1/4$ S on W. face
dug pits $18 \times 18 \times 12$ ins. N. S.
of post $5 \frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base around
post.

80.10 Set a post 4 ft. long, 4 ins. q.
with marked star 12 ins. in
the ground, for cor. to Sec.

19, 24, 25 & 30. marked

S. 2 W. S. 19 on N. E.

R. 1 W. S. 30 on S. E.

R. 2 W. S. 25 on S. W. and

S. 24 on N. W. face, with

4 notches on North and 2

notches on S. edges, dug pits

$18 \times 18 \times 12$ ins. in each sec.

$5 \frac{1}{2}$ ft. dist. and raised

a mound of earth 2 ft.

Retouring

Esterion E. B. S. 2 N.

chains

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

Surface level

Soil 1st rate

Dense Greasewood brush

0.5' E'

 North bet. Secs. 19 + 24
 Var. 13° 56' E'

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

Retrasings

R. 2 W. continued

Chain

square with marked stone
 12 ins. in the ground, for
 Cor. to Secs. 13, 18, 19 & 24.
 marked T. 2 N. S. 18 on N. E.
 R. 1 W. S. 19 on S. E.
 R. 2 W. S. 24 on S. W. and
 S. 13 on N. W. faces, with
 3 notches on hrs. edges, dug
 pits 18 x 18 x 12 ins. in each
 sec. 37 ft. dist. and raised
 a mound of earth 1 ft high
 4 ft. base around post.
 Surface level
 Soil 1st rate
 Greasewood brush.

0.5' E'
 North bet. Secs. 13 & 18.
 Var. 13° 56' E'

Estero E. B. S. 2 N.

chains

40.05 Set a Post 2 ft. long, 2 ins. sq.
with marked stone 12 ins.
in the ground, for $\frac{1}{4}$ sec.

Cor. marked $\frac{1}{4}$ Sec. N. face
dug pits 18 x 18 x 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.

80.10 Set a Post 4 ft. long, 4 ins.
square, with marked stone
12 ins. in the ground, for
Cor. to Secs. 7, 12, 13 & 18
marked S. 2 N. S. 7 on N. E.

R. 1 N. S. 18 on S. E.

R. 2 N. S. 13 on S. W. and

S. 12 on N. W. faces with

2 notches on N. and 4 notches
on S. edges, dug pits 18 x 18 x 12

Retracing

R. 2 W. continued

chain

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.

Simple level

Soil 1st rateScattering Greasewood
Brush.

0.55 E

North, bet. Secs. 4 & 12

Var. 13056 E

40.05 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 pit 18" x 12"
ins. W.S. of post $5\frac{1}{2}$ ft. dist.
and raised a mound of

E.P.
Esterim, S. 2 N.

Chain

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

- 80.10 Set a Post 4 ft. long, 4 ins. dia.
with marked stone 12 ins.
in the ground, for Cor. to
Secs. 1, 6, 7 & 12, marked
S. 2 N. S. 6 on N. E.
R. 1 W. S. 7 on S. E.
R 2 W. S. 12 on S. W. and
S. 1 on N. W. faces, with 1
notch on N. & 5 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 4 ft. high $4\frac{1}{2}$ ft. base
around post.
Surface level Soil 1st var
Greasewood Bushes.

Retracings

R. 2 W. continued

N. 0: 5' E' bet. Secs. 14 & 6.

Cor. 13° 56' E'

40.05 Set a Post 3 ft. long 3 in. sq.
with marked stone 12 in. in
the ground for 1/4 sec. Cor.
marked 1/4 S. on W. face, dug
pits 18 x 18 x 12 in. W. 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.

30.12 The corner to Sp. 2 & 3 N.
R. 1 & 2 W.

Surface level
Soil 1st rate
Greasewood brush.

February 5th 1883.

2^d Contract, stop copying. *crabtree*
 leave out 20 Pages Page "B"
 Exterior E. B. T. 2 N. R. 4 W.

chain

From the Corner to ^{post as cast out at 142} N. 142
 N. Rs 3 & 4 W. ^{by rail} I m m
 North bet. Secs. 31 & 36.

Var. $130^{\circ} 54' E!$

Along West. side of White
 Tank Mountains.

12.00 Dry wash 12 ft. deep 80 ft. wide
 course $S. 30^{\circ} W.$

4000 Set about 8 ft. long, circ. sq. with
 marked stone 12 in. in the
 ground, for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. on W. face, dug pits $18 \times 18 \times 12$
 in. N. 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.

62.13 Dry wash 14 ft. deep, 80 ft. wide
 course $S. 40^{\circ} E.$

73.12 Dry wash 10 ft. deep, 80 ft. wide,
 course $S. 41^{\circ} W.$

Estacion E. B. T. 2 N.

chains

8000

Set a Quartz Rock $16 \times 10 \times 6$ ins.
 11 in in the ground for cor. to
 Secs. 25, 30, 31 & 36. marked
 with 5 notches on N. end
 1 notch on S. edge, and raised
 a mound of stone along
 side, Pits impracticable
 Surface Rolling.

Soil 2^d rate

Dense grasseword brush.

North bet. Secs. 25 & 30

Var. $13^{\circ} 54' 18''$

4000

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

R. & W. continued

chains

- 62.13 Dry wash 12 ft. deep 20 lbs wide, corner
S. 48° W.
- 77.10 Dry wash 12 ft. deep, 20 lbs wide, corner
S. 40° W.
- 80.00 Set a granite stake 18 x 10 x 8 lbs.
12 ins. in the ground for Cor. to
Secs. 19, 24, 25 & 30. marked
with 4 notches on N & 2 notches
on S. edge, and raised a
mound of stone along side
Pto impracticable
Surface rolling foothills
Soil 3d rate
Scattering Palo Verde trees.
Greasewoods & Cactus Bush.

North bet. Secs. 19 & 24
Var. 13° 54' E.

Extensions E. B. P. 2 N.

chains

Ascending.

10.37 Dry wash 15ft. deep, 12lbs wide
course S. 40° W. on foot of Mtn

4.00 Set a Granite stone 18x12x8
ins. 12ins. in the ground,
for 1/4 sec. cor. marked
1/4 on W. face and raised a
mound of stone alongside
Pits impracticable

66.00 Dry wash 15ft. deep, 25lbs
wide, course West.

80.00 Set a Granite stone 18x12x10
ins. 12ins. in the ground,
for Cor. to Sec. 13. 18. 19x24
marked with notches on
W. edge, and raised a
mound of stone alongside
Pits impracticable.
Surface mount shown

R. 4. W. continued

Lains

Soil 3^d rate
 Greasewoods Cactus
 Bunch.

North bet. Secs. 13 & 18

Twp. 13^o 54' E.

Ascending S. W. slope of Mtn

11.00 Top of Mtn about 400ft. high
 to N. W. & S. E. and descend

40.00 Set a granite stone 16x12x8

ins. 11 ins. in the ground
 for 1/4 sec. cor. marked off

on N. face and raised
 a mound of stone along-
 side, Pkts impracticable

42.90 by west 10ft. deep, 80th m. to
 corner West. Ascend

77.00 Top of Mtn 160ft. high to
 N. W. & S. E. Ascend

Esterion E. B. 1. 2 N.

chain

8000 Set a granite stone $36 \times 30 \times 12$
 ins. 27 ins. in the ground
 for Cor. to Sec. 7, 12, 13 & 18
 marked with 2 notches on
 N. and 4 notches on S. edge,
 and raised a mound of
 stone alongside. Pits unpr-
 acticable.

Surface mountainous &
 rocky

Soil 4th rate

Choya cactus, very dense

North bet. Secs. 7 & 12

Var. $130^{\circ} 54' E!$

Descending

24,47 Dry wash 3 ft. deep 24 lbs
 wily course N. $82^{\circ} W.$

R. 4 W. continued

Lains

- 40.00 Set a granite stone $18 \times 11 \times 10$ ins.
12 ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ on N. face
and raised a mound of
stone alongside Pto unpracticable
- 50.80 Dry wash 30 ft. deep. 216 lbs width
course W.
- 68.38 Dry wash 40 ft. deep. 241 lbs width,
course S. 40° W.
- 80.00 Set a granite stone $16 \times 12 \times 8$ ins.
11 ins. in the ground, for cor.
to Secs. 16. 7×12 marked
with 1 notch on N and 5
notches on S. edge, and
raised a mound of stone
alongside, Pto unpracticable
Surface mountainous & rocky
Soil 4th rate

Esterins E. B. P. 2 N.

Lair

Greasewood & Cactus brush

North bet. Secs. 1 & 6.

Var. 13° 54' E.

20.00 Dry wash 16 ft. deep. 80 lbs wide
course W.40.00 Set al granite 18 × 15 × 10 lbs. 12
ins. in the ground, for 1/4 sec.
Cor. marked 1/4 on W. face
and raised a mound of
stone along side, Pts imper-
fectible61.88 Dry wash 18 ft. deep. 80 lbs wide
course West.80.00 Set al granite 28 × 12 × 8 lbs. 21
ins. in the ground, for cor.
to Sp. 2 & 3 N. Ro. 3 & 4 W.
marked with 6 notches

R. & W. continued

Lains

on each edge, and raised a
 mound of stone along side,
 Pts impracticable

Sierra Mountain ridges &
 deep washes along West Base
 of North Fork Mountain
 Soil 4th rate

Greasewoods & Cactus bush.

Extension M. B. Tp. 2 N. Rs 4 W.

chains

From the Corner to Tps 2 & 3
 N. Rs 3 & 4 W. just now
 established Iron West
 on a random line bet. said
 townships Var. $13^{\circ}54' E$
 I set temporary half mile &
 mile corners at every 4000
 and find the township line
 to be 5 Miles 79.15 chs long
 and the bearing to be 14°
 S of Cor. to Tps. 2 & 3 N. Rs
 4 & 5 W. the course
 for the true line will there-
 fore be $S. 89^{\circ}59' E. 7.8939$
 I now return to the Cor. of
 Tps 2 & 3 N. Rs 3 & 4 W. and
 from thence Iron $N. 89^{\circ}59' W.$
 on a true line bet. Secs. 1 & 36
 Var. $13^{\circ}54' E.$

N. B. T. 2 N. R. 4 W. cont.

Lains

4000 Set a granite stone $24 \times 15 \times 12$
 ins. 18 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 unpracticable

7000 Malpais Butte 8 cfs South
 of line 80 ft. high

72.10 Dry wash 8 ft. deep. Bolts with
 course N. 80° W.

8000 Set a granite stone $28 \times 18 \times 16$
 ins. 21 ins. in the ground,
 for cor. to sec. 1, 2, 35 & 36
 marked with 1 notch on E
 5 notches on W. edge, and
 raised a mound of stone
 alongside, Pits unpracticable
 Simple, broken foothills
 Soil 4th rate

Esterion N. B. T. 2 N.

Lains

Cactus + Greasewood brush.

N. $89^{\circ}59'W$. on a true line
bet. Secs. 2 & 35.Var. $13^{\circ}54'E$

- 7.27 Dry wash 18 ft. deep. 30 lbs wide
course S. $45^{\circ}W$.
- 21.13 Dry wash 20 ft. deep. 30 lbs wide
course S. $40^{\circ}W$.
- 40.00 Set a granite stone $16 \times 14 \times 12$
in. 11 in. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
N. face, and raised a mound
of stone along side, Pts imp-
racticable
- 60.72 Dry wash 16 ft. deep 40 lbs wide
course S. $38^{\circ}W$.
- 80.00 Set a granite stone $22 \times 10 \times 10$ in.

R. 4 W. continued

Quins

16 ins in the ground, for cor.
to Secs. 2, 3, 34 & 35. marked
with 2 notches on E & 4
notches on W face, and
raised a mound of stone
along side, from which
a Paloverde ²⁴⁷⁷ ~~W. side~~ ^{to} S. 60° W. 40 to dist
marked P. 2 N. S. 3 on N. E.

a Paloverde 3 ins. dist to N. 12° E. 15
the dist. marked P. 3 N. R. 4 W. S. 35 N. E.

Surface broken & rocky
Soil 3^d rate

Scattering Paloverde &
Droowood trees.

and some Greasewood
Bumal.

N. 89° 59' W. on a true line
bet. Secs. 3 & 34

Esterino N. B. T. 2 N.

Chain

Var. $13^{\circ}54' E$

- 20.00 Dry wash 6ft deep 30lbs wide course $S. 30^{\circ} W$.
- 24.75 Dry wash 12ft. deep 60lbs wide course South
- 40.00 Set a Post 4ft. long, 3ins. sq. with marked stone 12ins. in the ground for $1/4$ sec. Cor. marked $1/4 S.$ on N face, dug pits $18 \times 18 \times 12$ ins. E & W. of post $5 1/2$ ft. dist. and raised a mound of earth $1 1/2$ ft. high $3 1/2$ ft. base around post.
- 50.85 Cross dry wash 15ft. deep 100lbs wide course $S. 20^{\circ} W$.
- 80.00 Set a Post 4ft. long, 4ins. sq. with marked stone 12ins. in the ground for Cor. to Sec. 3, 4. 33×34 . marked $T. 3 N. S. 34$ on N. E. R. 4 W. S. 3 on S. E. & a $T. 2 N. S. 4$ on S. W. and

R & W. continued

chenius

S. 33 on N. W. face, with
 3 mounds on each edge, dry
 pits 18x18x12 in. in each
 sec. 6 1/2 ft. dist. and raised
 a mound of earth 2 ft high
 4 1/2 ft. base around post.

Surface rolling & gravelly
 Soil 2^d rate

Scattering Palo Verde & Iron-
 wood tree along the washes
 Dense Greasewood &
 cactus brush.

N. 89° 54' W. on a true line
 bet. Secs. 4 & 33.

Var. 13° 54' E.

8.80 Dry wash 5 ft. deep. 3 ft. wide, corner
 S. 62° W.

Esterior N. B. T. 2 N.

Chain's

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 $18 \times 18 \times 12$ ins. Ex W. of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around post.

49.85 by wash left. deep. 25 lbs. wide, corner 360° W.

80.00 Set a Post 4 ft. long, 4 ins. sq. with marked stone 12 ins. in the ground, for Cor. to Secs. 4, 5, 32 & 33. marked S. 3 N. S. 33 on N. E. R 4 W. S. 4 on S. E. T. 2 N. S. 5 on S. W. and S. 32 on N. W. face, with 4 notches on Ex 2 notches on W. face, dug pits $18 \times 18 \times 12$.

R. & W. continued

chains

ins. in each sec. $5\frac{1}{4}$ ft. dist.
and raised a mound of
earth 2 ft. high $4\frac{1}{4}$ ft. base,
around post.

Surface level & gravelly

Soil 2d rate

Dwarf greasewood catclaw
Bunch

N. $89^{\circ} 59' W.$ on a true line
bet. Secs. 5 & 32

Var. $13^{\circ} 54' E.$

18.80 Dry wash off. deep solts with
course S. $62^{\circ} W.$

40.00 Set a Post 2 ft. long, 2 ins. sq.
with marked stone 12 ins. on
the ground for $\frac{1}{4}$ sec. Cor.
marked $\frac{1}{4}$ S. on N face
dug pits 18 x 18 x 12 ins. ~~at W.~~

Esterior N. B. T. 2 N.

chain

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.

42.72 By wash left deep 20 lks. w. by
course S. 60° W.

8000 Set a Post 4 ft. long 4 in. sq. with
marked stone 12 in. in the
ground for Cor. to Secs. 5, 6, 31 & 32
marked P. 3 N. S. 32 on N. E.
R 4 W. S. 5 on S. E.

P. 2 N. S. 6 on S. W. and
S. 31. on N. W. face, with
5 notches on E & 1 notch on W.
edges, dug pits $18 \times 18 \times 12$ in.
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.

Surface level

R. 4 W. continued

Lains

Soil gravel & 2^d rate
 Mine Cato claim & Guard
 wood brush.

N. $89^{\circ} 59'$ W. on a true line
 bet. Secs. 6 & 31

Var. $13^{\circ} 54' E!$

17.30 By wash off. delp. 20 lbs more corner
 $S. 48^{\circ} W.$

4000 Set a Post 2 ft. long 2 in. sq.
 with marked stone 12 in. in
 the ground for $1/4$ sec. cor.
 marked $1/4 S.$ on W face dug
 pits $18 \times 18 \times 12$ in. Ex W. of
 post $1/2$ ft. dist. and raised
 a mound of earth $1/2$ ft.
 high $3/4$ ft. base around
 post.

34
 Exterior N. B. P. & N. R & W. continued

chains

68.50 Dry wash aft. deep walks inside
 course S. 30° W.

72.66 Cross Road to N. W. & S. E 60°

79.15 The cor. to Sps 2 & 3 N. Rs.
 4 & 5 W. on the 1st Auxiliary
 Meridian West.

Surface rolling & gravelly

Soil 2^d rate

Scattering Paloverde &
 Ironwood trees.

Dense Greasewood shrub.

February 6th 1883

Exterior W. B. T 2 N. R. 2 W.

chains

From the Cor. of Secs 1 & 2 N.
^{just recently established by me}
 Rs 2 & 3. west, from North
 bet. Secs. 31 & 36.

Var. $13^{\circ} 56' E$

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 W. face
 dug pits 18 & 18 & 12 ins. W. of
 post $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base,
 around post.

80.00 Set a post 4 ft. long, 4 ins. sq.
 with marked stone 12 ins. in
 the ground, for Cor. to Secs.
 25. 30. 31 & 36. marked
 S. 2 N. S. 30 on N. E.

Exteriors N. B. J. 2 N.

chains

R. 2 W. S. 31 on S. E.

R. 3 W. S. 36 on S. W. and
 S. 25 on N. W. faces, with
 5 notches on N and 1 notch
 on S. edges, dug pits 18 x 18 x 12
 ins. in each sec. 5 1/2 ft. dist.
 and raised a mound of
 earth 2 ft. high 4 1/2 ft. base
 around post from which
 An Ironwood cross die. br. S. 38° W. 179 lbs
 dist. marked P. 2 h. R. 3 W. S. 36 B. T.
 Surface broken Soil 2^d rate
 Some Cato claw + Yucca wood
 Bursh.

North bet. Secs. 25 & 30.

Var. 13056' 8'

R. 2 W. continued

Lains

- 40.00 Set a Post 3 ft. long, 2 in. sq.
with marked stone 12 in. in the
ground, for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. on W. face, dug pits $18 \times 18 \times 12$
in. W. S. of Post $5 \frac{1}{2}$ ft. dist.
and raised a mound of
earth $1 \frac{1}{2}$ ft. high $5 \frac{1}{2}$ ft. base
around post.
- 80.00 Set a Post 4 ft. long, 4 in. sq.
with marked stone 12 in.
in the ground, for Cor. to Sec.
19. 24. 25 & 30. marked
S. 2 h. S. 19 on N. E.
R 2 W. S. 30 on S. E.
R. 3 W. S. 25 on S. W. and
S. 24 on N. W. faces, with
4 notches on N and 2 notches
on S. edge, dug pits $18 \times 18 \times 12$

Exteriors W. B. 1. 2 N.

chains

two 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.

S'm face broken soil 2' rate
Scattering trees, dense
Greewood brush

North bet. Secs. 19 & 24.

Var. $13^{\circ} 56' 8''$

4000 Set a Post 3 ft. long, sim. sq.
with marked stone 12 in in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on W. face,
dug pit 18 x 18 x 12 in. W.S.
off post $5\frac{1}{2}$ ft. dist. and
raised a mound of

R. 2 W. continued

chain

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

81.00 Set a Post 4 ft. long 4 ins. sq.
with marked stone 12 in. in
the ground, for cor. to Secs.

13, 18, 19 + 24 marked

S. 2 W. S. 18 on N. E.

R. 2 W. S. 19 on S. E.

R. 3 W. S. 24 on S. W. and
S. 13 on N. W. faces, with
3 notches on N. 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 around
post.

Surface broken

8' or l' rocky + 2' rat

Estero N. B. N. 2 N.

chain

Sluice bet class & Grease-
wood Brush.

North bet. Secs. 13 & 18.

Cor. 13°56'18"

4000 Set a granite stone 16 x 14 x 8
in. 11 in. in the ground
for 1/4 sec. cor. marked
1/4 on W. face and raised
a mound of stone alongside
Pits impracticable

5700 Base of Mountain ridge
& ascend

8000 Set a granite stone 18 x 12 x 8
in. 12 in. in the ground
for Cor. to Secs. 7, 12, 13 & 18.
marked with arrows

R. 2 W. continued

chain

on N. and 4 notches on S. edge,
and raised a mound of stone
alongside. Pts impracticable
Surface mountainous & rocky
Soil 3^d rate
Greasewood brush.

North bet. Secs. 7 & 12

Var. $13^{\circ} 56' E$

Ascending.

16.00 Top of ridge about 80 ft high
to E & W. is a spur of the
White Park Mountains.

Descend

38.00 Foot of Mtn thence along E.
Base of Mtn.

40.00 Set a Granite stone $18 \times 12 \times 8$

Exterius W. B. S. 2 N.

chain

12 ins. in the ground for $1/4$ sec. Cor. marked $1/4$ on W. face, And raised a mound of stone along side, Pits impracticable

80.00 Set granite stone 18 1/2 x 8 ins. 12 ins. in the ground for Cor. to Sec. 1.6. 7 + 12. marked with 1 notch on N & 5 notches on S. edge, And raised a mound of stone along side
 Pits impracticable
 Surface mountainous
 Soil rocky & 3 d rate
 Greasewood & Cactus
 Brush.

R. 2 W. continued

Lains

North bet. Secs. 1 & 6.

Nor. $130^{\circ} 56' 2''$

- 40.00 Set a granite stone $16 \times 12 \times 6$ ins. 11 ins. in the ground, for $1/4$ sec. cor. marked $1/4$ on N. face, and raised a mound of stone along side Pts unpeccatable
- 80.00 Set a granite stone $22 \times 12 \times 8$ ins. 16 ins. in the ground, for cor. to Sp. 2 & 3 N. Ps 2 & 3 W. marked with 6 notches on each edge, and raised a mound of stone alongside, Pts unpeccatable from wheel An Ironwood 6 in. dia. br. N. 37° W. 81 lbs dist. marked T. 3 N. R. 3 W. S. 26 B. T.

Esteroes N. B. P. 2 N. R. 2 W. continued

chains

Surface broken & rocky
 Small washes extending
 S. E. for short distance.
 Soil 3' or 4' out
 Greasewood Bush.

I do not run West. on
 N. B. P. 2 N. R. 3 W.
 as it is impossible to
 run the line, the whole
 Township lay in the
 White Tank Mountains,
 I therefore do not set,
 divide the township.
 it being too mountainous.

Essex Co. N. B. T. 2 N. R. 2 W.

Claim

From the Cor. to Tps 2 & 3 N.
Rs 1 & 2 West which is a
Post in earth mound
with pits established
as per instructions of the
old manual

From West on a random line
bet. Tps 2 & 3 N. ^{through} Range 2 West.
Var. $130^{\circ} 56' E$

I set temporary corners at
every 40 chs, and find the
township line to be 6 miles
and 12 lks long, and the
falling to be 34 lks S. of
Cor. to Tps 2 & 3 N. Rs. 2 & 3 W.
the correction for the true line
will therefore be 6 lks S.

Extension N. B. T. 2 N.

Chain

North per mile and 12 lbs
East per mile, and its course
will be S. $89^{\circ} 57' E$.

From the corner to Nos 2 & 3
N. Rs 2 & 3 W. From
S. $89^{\circ} 57' E$ on a true line
bet. Secs. 6 & 31.

Cor. $13^{\circ} 56' E$.

40.12 Set a Post 3 ft. long 3 in. sq.

24 in. in the ground for $1/4$

sec. Cor. marked $1/4 E$ on N.
dig pit 18" x 18" x 12 in. 24 in. of dirt and mixed a mound
of earth $1/4$ ft. high 3 ft. base around post
flag, from which

a Palovorde bin. dia. ln. N. $40^{\circ} E$ 43

lbs dirt. marked $1/4 S. B. P.$

in other base near

30.12 Set a Granite stone $18 \times 14 \times 10$
in. 12 in. in the ground for
Cor. to Secs. 5. 6. 31 & 32.

R. 2 W. continued

chains

marked with 5 notches on E
and 1 notch on W. edges,
and raised a windfall stem
along side, from which
a Pilovode sim. dia. br. with 73 lbs. dia.
marked S. 34. R. 2 W. S. 31 x 32 B. P.

Surface broken

S' or 'L 34 rate

Scattering trees, some
greasewood brush.

S. 89° 57' E. on a true line
bet. Secs. 5 & 32.

Var. B 0° 56' E.

4.00 Set a Post 3 ft. long, sim. sq.
with marked stone sim. in
the ground, for 1/4 sec. cor.

478
 Esterion N. B. T. 2 N.

chains

marked $1/4$ S. on N. face, dug
 pits $18 \times 18 \times 12$ in. Ex W. of
 post $5/8$ ft. dist. and raised
 a mound of earth $1/4$ ft. high
 $3/8$ ft. base around post.

80.00 Set a Post 4 ft. long, 4 in. sq.
 with marked stone 12 in. in
 the ground, for cor. to Sec.

4. 5. 32 \times 33. marked

S. 3 N. S. 33 on N. E.

R. 2 W. S. 4 on S. E.

P. 2 N. S. 5 on S. W. and

S. 32 on N. W. faces, with

4 notches on Ex 2 notches

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

in. in each sec. $5/8$ ft. dist.

and raised a mound
 of earth 2 ft. high $4/8$ ft.

R. 2 W. continued

chain

base around post

Surface rolling.

Soil 2^d rateDense Catclaw & Greenwood
Bunch.S. $89^{\circ} 57' E$ on a true line
bet. Secs. 4 & 33.Cor. $13^{\circ} 56' E$

4000 Set a Post 3 ft. long, iron sq.
with marked stone rim in
the ground, for $1/4$ sec. Cor.
marked $1/4$ S. on N face, dug
pit $18 \times 18 \times 12$ ins. Ex W of
post $5/8$ ft. dist. and
raised a mound of earth
 $1/2$ ft high $3/8$ ft base around post

Exterior N. B. P. 2 N.

Chains

80.00 Set a Post 4 ft. long, 4 in.
square, with marked stone,
Rins. in the ground, for cor.
to Secs. 3, 4, 33 & 34, marked
N. 3 N. S. 34 on N. E.
R. 2 W. S. 3 on S. E.
R. 2 N. S. 4 on S. W. and
S. 33 on N. W. faces, with
3 notches on E. W. edges,
dug pits 18 x 18 x 12 in. $\frac{1}{2}$ in.
in each sec. 5 ft. dist.
and raised a mound of
earth 2 ft. high 4 ft.
base around post.
Surface level
Soil 2^d rate
Horse Cato clarr & Grease-
wood Bush.

R. 2 W. continued

chain

S. $89^{\circ}57'E$ on a true line
bet. Secs. 3 & 34.

Cor. $13^{\circ}56'E$

40.00 Set a post 3 ft. long, 3 in. sq.
with marked stone 12 in.
in the ground, for $1/4$ sec.
Cor. marked $1/4$ S. on N. face,
dug pits $18 \times 18 \times 12$ in. 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.

62.20 Cross Road corner N. W. & S. E.

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

2, 3, 34 & 35, marked

S. 3 N. S. 35 on N. E.

R. 2 W. S. 2 on S. E.

Station N. B. P. 2 N.

chains

S. 2 N. S. B. on S. W. and
S. 34 on N. W. face,
with 2 notches on E. & 4
notches on W. face, dug
pits 18 + 18 + 12 ins. in each
sec. 5/8 ft. dist. and
raised a mound of earth
2 ft. high 4/8 ft. base around
post.

Surface level

Soil 1st sat

Some Greasewood bush.

S. $89^{\circ} 57' E$ on a true
line bet. Secs. 2 + 35.

Corr. $13^{\circ} 56' E$

4000 Set a Post 3 ft. long, 3 ins.

R. 2 W. continued

claim

square, with marked stone
 12 in. in the ground, for
 1/4 sec. Cor. marked 14 S.
 on N. face, dug pits 18 x 18 x 12
 in. E. W. of post 5 1/2 ft.
 dist. and raised a mound
 of earth 1 1/2 ft. high 3 1/2 ft.
 base around post.

80.00 Set a Post 4 ft. long, 4 in.
 sq. with marked stone 12
 in. in the ground, for
 Cor. to Seco. 1. 2. 3 5 & 36.
 marked S. 3 N. S. 36 on
 N. E. R. 2 W. S. 1 on S. E.
 S. 2 N. S. 2 on S. W. and
 S. 3 5 on N. W. faces,
 with 1 notch on E. & 5
 notches on W. edges, dug

Etterins N. B. T. 2 N.

chains

pits 18 x 18 x 12 ins. in each
sec. 5 1/4 ft. dist. and
raised a mound of earth
2 ft. high 4 1/4 ft. base around
post.

Surface level

Soil 1st sub

Course Greasewood brush

S. 89° 54' E. on a true
line bet. Secs. 14 & 36

Var. 130° 56' E.

4000 Set a Post 3 ft. long, 3 ins.

sq. with marked stone 12
ins. in the ground, for 1/4

sec. bur. marked 1/4 S.
on N. face, dug pit 18 x 18 x 12

R. 2 W. continued

chains

inv. 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.

8000 The Cor. to Sps 2 + 3 N.

Ranges. 1 + 2 W.

S' surface level

S' soil 100% oate

Grease wood brush.

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

February 7th 1883.

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

February 27, 1883.

The foregoing Field Notes of the Survey of the

Eastern Lines of
 Township 2 North,
 Ranges, 2 & 4 West.

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by R. C. Powers,

Deputy Surveyor, under his contract of the 2nd
 day of January, 1883, having been

critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe
 are hereby approved.

J. W. Robb
 Surveyor General.