

Index

1A

See Index

1632

# Field Notes

OF THE SURVEY OF

*The Exterior S. 1 S. Rs 2, 3 & 4 W.  
2<sup>d</sup> Part.  
see 1<sup>st</sup> & 3<sup>d</sup> Parts.*

BOOK 1632

1632

Book 1632  
1632

*Gila and Salt River Base and Meridian*

ARIZONA.

By *R. V. Powers* D. S.

Under contract dated *Oct. 24* 1882.

Survey commenced *Dec. 13.* 1882.

Survey completed *Dec 16* 1882

3  
14  
24  
15  
46  
56

1632

BOOK 1632

Exterior Lines.

Index.

South Bay T 1 S, R 4 W	3
East " T 1 S " 4 W	14
South " T 1 S " 3 W	24
East " T 1 S " 3 W	35
South " " 1 S " 2 "	46
East " " 1 S " 2 "	56



Esteros S. B. T. 1 S. R. 4 W.

Gila & Salt River Meridian  
chains

Survey made with a Burt's Patent Improved Solar compass, made by John Roach, of San Francisco Cal.

Before proceeding with the survey of the Exterior Boundaries, I examined and tested my instrument carefully and found it in perfect adjustment. I took the latitude at the Cor. to Sps 1 & 2 S. R. 4 & 5 W. and found it to be  $33^{\circ} 18'$  North, this corner was just recently established by me, in running the 1st auxiliary Meridian West.  
Survey commenced —  
December 13 1882



Exterior S. B. S. 1 S. R. 4 W.

Gila & Salt River Meridian

chain

From the cor. to Tps 1 & 2 S.  
Rs 4 & 5 West. a point on  
the 1<sup>st</sup> Auxiliary Meridian  
just recently established  
by me, Iron East bet.  
Tps 1 & 2 S. & Sec. 6 & 31

Var. 13° 54' E.

as per observation with Solar  
Compass.

13.20 dug mark 8 ft. deep. 60 lbs wide corner north

17.00 ascend over N. end of Ridge

31.07 allowing 8.93 chs for convergence  
I set a granite stone 18 x 12 x 8 ins

12 ins. in the ground for 1/4

sec. cor. marked 1/4 on N.

face, and raised a mound  
of stone alongside, the  
irretrievable.

32.50 Top of Nthw. Ridge to N. end

## Estero S. B. S. 1 S. R. 4 W. continued

chain

descend

59.00 Dry wash 12 ft. deep 30 lbs wide  
course north63.71 Dry wash 10 ft. deep. 20 lbs wide  
course north71.07 Set a gravestone 16x12x10 ins.  
12 in. in the ground for Cr. to  
Secs. 5, 6, 31 & 32. marked with  
5 notches on E. and 1 notch  
on W. edge, and raised a  
mound of stone alongside  
to be unpracticable.  
Surface Hummocky &  
rocky.

Soil 4th rate

Dwarf Palo Verde &amp; Greasewood brush.

East bet. Secs. 5 &amp; 32.

Esterois. S. B. T. 1 S.

chains

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

14.65 Dry wash 12 ft. deep. 60 lbs wide  
course N.  $10^{\circ} E'$

26.00 Ascend over South end of Mtn  
ridge.

31.67 Top of ridge brs N.  $21^{\circ} E'$  Descend

40.00 Foot of ridge Set a granite  
stone  $18 \times 12 \times 12$  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, Pts impracticable

45.30 Dry wash 8 ft. deep. 115 lbs wide  
course N.  $30^{\circ} E'$

53.60 Dry wash 8 ft. deep. 40 lbs wide  
course North

72.00 Dry wash 6 ft. deep. 15 lbs  
wide course North

80.00 Set a granite stone  $14 \times 11 \times$



## R. &amp; W. continued

chain

Lines 10 ins. in the ground  
for Cor. to Secs. 4, 5, 32 & 33.  
marked with 4 notches on  
E & 2 notches on W. edge,  
and raised a mound of  
stone alongside Pto imp-  
racticable.

Surface mountainous & rocky  
Soil 3<sup>d</sup> rate  
Vegetation Palo Verde Greasewood  
Burrh.

---

East bet. Secs. 4 & 33.

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

9.00 Dry wash 5 ft. deep 25 lbs wide  
course North

20.75 Dry wash 3 ft. deep. 125 lbs wide  
course N.  $35^{\circ} E$ .



## Esteria S. B. S. 15.

chains

4000 Set a quartz Rock  $14 \times 12 \times 8$   
 ins. 10 ins. in the ground,  
 for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$   
 on N. face and raised a  
 mound of stone alongside  
 Pits impracticable from  
 a bed of stone. dis. to. N.  $81^\circ$  W.  
 23 lbs. dist. marked  $\frac{1}{4}$  S. B. N.

54.37 Dry wash 4 ft. deep. 100 lbs. wide  
 canal N.  $20^\circ$  W.

80.00 Set a granite stone  $18 \times 18 \times 12$  ins.  
 12 ins. in the ground for cor.  
 S. Sec. 3.4.  $33 \times 34$  marked  
 with 3 notches on E. & W.  
 edges and raised a mound  
 of stone alongside. Pits  
 impracticable  
 Surface broken & rocky  
 Soil 3d rate.

## R. 4 W. continued

chains

Scattering Palo Verde x Green-  
wood brush.

---

East bet. Secs. 3 & 34.

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

- 40.00 Set a Quartz rock  $18 \times 10 \times 6$  ins.  
12 ins. in the ground for  $\frac{1}{4}$   
sec. Cor. marked  $\frac{1}{4}$  on N.  
face, and driled a wound  
af stone alongside from which  
An Ironwood 6 ins. dia. br. N.  $38^{\circ}E$   
28 lbs. dist. marked  $\frac{1}{4}$  S.  $13^{\circ}$
- 68.73 Dry wash 4 ft. deep. 40 lbs wide  
course N.  $30^{\circ}E$
- 79.57 Dry wash 4 ft deep 60 lbs wide  
course N.  $40^{\circ}E$
- 80.00 A Palo Verde 6 ins. dia which I  
marked N. 15. S. 35 on N. E.

Criteria S. B. S. / S.

chains

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

S. 2 S. S. 3 on S. W. and

S. 34 on N. W. face, with  
4 notches on E. 2 notches on  
W. sides, for Cor. to Secs.

2, 3, 34 + 35. from which

a Paloverde 8 in. dia to S. 42° W.

30 lbs dist. marked S. 2 S. R. 4 W. S. 3 B. T.

Surface broken & rocky hills

Soil 3<sup>d</sup> rate

Scattering Paloverdes & Iron-  
wood branches.

East bet. Secs. 2 + 35.

Var. 13° 54' 8"

40.00 Set a granite stone 16 x 10 x 6  
in. 11 in. in the ground  
for 1/4 sec. Cor. marked 1/4

## R. # W. continued

chains

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

8000 Set a Boulder on foot of Bluff  
 of Rocks  $4 \times 4 \times 3$  ft. 3 ft.

in the ground for Cor. to  
 Secs. <sup>1,2</sup> 35 & 36 marked with  
 1 notch on E. and 5 notches

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

Surface broken, & rocky  
 Soil 3<sup>d</sup> rate

Scuse Greasewood  
 Palo verde Bush.

---

East bet. Secs. # 36

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



## Esterion S. B. S. 1 S.

chain

Ascend over Bluff of rocks  
60ft. high.

18.00 Enter Broken Hills

40.00 Set a Sandstone 18x10x7 in.  
12 in. in the ground for  
1/4 sec. cor. marked 1/4 on  
N. face and raised a mound  
of stone alongside Pt. unpr-  
acticable64.40 Dry wash 4 ft. deep. 10 lbs with  
course S' 40° E!68.12 Dry wash 4 ft. deep. 80 lbs with  
course N. 30° E!80.00 Set a Post 4 1/2 ft long 4 in. sq.  
with marked stone 12 in. in  
the ground for Cor. to Sps.  
1 & 2 S. Po 3 & 4 N. marked  
S. 1 S. S. 31. on N. E.  
R. 3 N. S. 6 on S. E!

## R. 4 W. continued

chains

D. 2 S. S. 1 on S. W. and  
 S 36 on N. W. face, with  
 6 notches on each edge,  
 dug pits 24 x 18 x 12 ins.  
 lengthwise on each line,  
 and raised a mound of  
 earth 2 ft. high 5 ft. base  
 around pit.

Simple broken hills

Soil 3<sup>d</sup> rate

Dense Greenwood + Palo-  
 verde brook.

## Exterior E. B. S. 1 S.

chains

From the cor. to No 1 & 2.  
 S. Rs 3 & 4. West, first  
 established 2 mm  
 North. bet. Secs. 31 & 36.  
 Var.  $13^{\circ} 54' E$ .

as per observation with solar  
 Compass.

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

75.34 Dug wash 4 ft. deep. 80 lbs with  
 course N.  $18^{\circ} E$ .

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

## R. 4 W. continued

Chain

24 ins. in the ground, for  
Cor. to Secs. 25, 30, 31 + 36.  
marked T. 1 S. S. 30 on N.E.

R. 3 W. S. 31 on S.E.

R. 4 W. S. 36 on S. W. and  
S. 25 on N. W. faces, with  
1 notch on S. and 5 notches  
on N. edge, from which  
a Paloverde shrub dia. br. N. 41° E. 143 lbs dist.  
marked T. 1 S. R. 3 W. S. 30 B. T.

a Paloverde shrub dia. br. N. 15 W. 113 lbs dist.  
marked T. 1 S. R. 4 W. S. 25 B. T.

Surface very broken

Soil 3<sup>d</sup> rate

Dense Greasewood & Cactus brush.

---

North bet. Secs. 25 & 30.

Var. 13° 54' E



## Esterio E. B. T. 1 S.

chains

- 7.00 Dry Wash 3 ft. deep 80 lks wide  
course N. 40° W.
- 13.26 Leave Wash course N. 80° E.
- 34.80 Same wash course N. 67° W.
- 40.00 Set a Post 3 ft. long, 3 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. No 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.
- 50.64 Dry wash course N. 80° E.
- 56.00 Same wash course N. 31° W.  
80 lks dist.
- 80.00 Set a Granite stone 20 × 12 × 10  
ins. 15 ins. in the ground,  
for Cor. to Sec. 19. 24. 25 × 30.

## R. 4 W. continued

chain

marked with 4 notches on N and 2 notches on S. edge, and raised a mound of stone along side. Pits impracticable.

Surface broken

Soil 2<sup>d</sup> rate

Dense Catclaw & Goose-wood brush.

North bet. Secs. 19 & 24

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

2000 Descend 15 ft. enter Bottom

4000 Pit a Post 3 ft. long, sim. 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. W. S. of

## Estero E. B. S. 1 S.

chain

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

70.00 Enter low Bottom

80.00 Set a granite stone 20 x 10 x 6  
ins. 15 ins. in the ground, for  
cor. to Secs. 13, 18, 19 & 24. marked  
with 3 notches on N & S. edges,  
and raised a mound of  
stone alongside. Pto imp-  
racticable.

Surface rock high rocky  
mesa, Soil 3<sup>d</sup> rate

6000 Soil 1<sup>st</sup> and 2<sup>d</sup> rate

Mesquite & dense Green-  
wood & Arrow brush.



## R. 4 W. continued

Lain

North bet. Secs. 13 &amp; 18.

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

3.12 Left Bank of Gila River  
to E & W. low Banks and  
deep water. measure across.

7.30 Right Bank of River low Banks  
thence across low Bottom

4.00 Set a post 3 ft. long, 3 ins. sq.  
24 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  S. on W.  
face, and raised a mound  
of earth around post from  
which a Cottonwood 8 ins. dia.  
to S.  $84^{\circ} E$  65 lbs dist. marked  $\frac{1}{4}$  S. B.  $\uparrow$   
a Cottonwood 18 ins. dia. to S.  $80^{\circ} W$  134 lbs  
dist. marked  $\frac{1}{4}$  S. B.  $\uparrow$

6.00 Ascend 10 feet deep enter  
Mesquite

8.00 Set a Post 4 ft. long, 4 ins. sq.



E. B.

Esteros, S. 1 S. R.

chain

with marked stone 12 in.  
in the ground for Cor. to  
Secs. 7, 12, 13, & 18. marked  
S. 1 S. S. 7 on N. E.  
R. 3 W. S. 18 on S. E.  
R. 4 W. S. 13 on S. W. and  
S. 12 on N. W. faces, with 2  
notches on N. and 4 notches  
on S. edge, dug pits 18 x 18 x 12  
in. in each sec. 5 1/2 ft. dist.  
and raised a mound of  
earth 2 ft. high 4 1/2 ft. base  
around Post. from which  
a Merquit 10 in. dia. br. S. 85° W. 184  
lbs dist. marked S. 1 S. R. 4 W. S. 13 S. 7.

Surface level Elev. 100 ft  
Soil in low Bottom 2<sup>d</sup> rate  
Mesquite land 1<sup>st</sup> rate  
Cottonwood along River  
Since undergrowth

## 4 W. continued

Chains

North bet. Secs. 7 + 12

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

- 5.06 Dry wash 10 ft. deep. 25 lbs wide  
course West.
- 20.00 Leave Mesquite timber.
- 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  $18 \times 18 \times 12$  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. low around post.
- 61.42 Road to S. Et N. W.  $50^{\circ}$
- 77.86 A Mesquite tree in line 8 ins. dia.
- 80.00 Set a post 4 ft. long 4 ins. sq.  
with marked stone 12 ins. in  
the ground for cor. S. Sec.  
16. 7 + 12. marked

## Estero E. B. S. 1 S.

Lains

S. 1 S. 5' 6 on N. E.

R. 3 W. S. 7 on S. E.

R. 4 W. S. 12 on S. W. and

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

Surface level

Soil 1st rate

Dense undergrowth.

North bit. Secs. 1 &amp; 6.

Var. 13° 54' E.

40.00 Set a Post 3ft. long 2ins. sq.  
with marked stone 12ins.



## R. 4 W. continued

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

80.21 Intersect Base line 2.54 chs  
 E. of <sup>Standard</sup> cor. to Tpo. 17. R. 3 + 4 W.  
 which corner was just <sup>recently</sup> established  
 at the Point of intersection I  
 set a Post 4  $\frac{1}{2}$  ft. long, 4 in. sq.  
 with marked stone 12 in. in the  
 ground for <sup>closing</sup> cor. to Tpo. 15.

R. 3 + 4 W. marked

C. C. S. 15. on S.

R. 3 W. S. 6 on E. and

R. 4 W. S. 1 on W. face, with  
 6 notches on S. Et W. faces, dug  
 pits 24 x 18 x 12 in. crosswise on each

# Esteroirs S. B.

chains

line S. E. W. of post. 6 ft.  
 dist. and raised a mound  
 of earth  $2\frac{1}{2}$  ft. high 3 ft. base  
 around post.

Surface level

Soil 1st rate

Thence grease wood brush.

---

I carefully examined the  
 adjustments of my solar  
 compass today, particularly  
 the latitude & reversing app-  
 aratus & found them  
 correct.

Dec. 14<sup>th</sup> 1882

## T. 1 S. R. 3 W. continued

chain

From the corner to Tps 1x2 S.  
 Rs 3x4 West just recently  
 established by me from  
 East bet. Secs. 6x31.

Var. 13° 54' E.

as per observation with Solar Comp  
 ses.

- 38.12 allowing 1.88 chs for convergency  
 Set a Granite stone 18x14x10 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, Pts impracticable
- 41.00 Base of Mtn, at West end  
 Ascend
- 68.00 Dip 200 ft. high to Ex W.
- 73.00 East End of Mountain
- 78.12 Foot of Mountain. Set  
 a Granite stone 18x12x8 ins.



Exterior S. B. S. 1 S.

chains

12 in. in the ground for Cor.  
to Secs. 5. 6. 3/4 32. marked  
with 5 notches on E. & 1 notch  
on W. edge, and raised a  
mound of stone alongside,  
Pto impracticable.

Surface mountainous

Soil 3<sup>d</sup> rate

No timber.

East bet. Secs. 5 & 32

Mar. 13 '54 'E.

11.00 Ascend West side of N. 1/4

40.00 Set a granite stone 16x12x6

in. 12 in. in the ground for  
1/4 sec. Cor. marked 1/4 on N.

face, and raised a mound  
of stone alongside, Pto imp.

## R. 3 W. continued

chain

racticable

80.00

Set a granite stone 20" x 12" x 8 ins.  
15 ins. in the ground for ~~1000~~

Cor. to Secs. 4, 5, 32 + 33.

marked with 4 notches on  
E & 2 notches on W. edge,and raised a mound of  
stone alongside, Pto imp-  
racticable.Surface Mountainous  
Soil 4<sup>th</sup> rate

No timber.

East bet. Secs. 4 + 33

Var. 130° 54' E'

Ascending

18.00

Top of Mtn 250 ft. high, low W.S.

37.00

Descend E. slope

## Esterion S. B. J. 1 S.

chain

4000

Set a granite stone  $16 \times 14 \times 12$  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 impracticable.

74.00

Foot of Mtn enter valley

8000

Set a post 4 ft. long 4 ins. sq. with marked stone 12 ins. in the ground for Cor. 6 Secs.

3. 4. 33 & 34 marked

S. 1 S. S. 34 on N. E.

R 3 W. S. 3 on S. E.

S. 4 on S. W. and

S. 33 on N. W. face, with 3 notches on E & W. 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



## R 3 W. continued

chains

high 4 1/2 ft. base around  
post.

Surface unmountainous  
Soil rocky and 4<sup>th</sup> rate  
Land south of Cor. level  
No timber.

East bet. Secs. 3 & 34.  
Var 13° 54' E.

16.00 Ascend over S. E. end of Mtn  
ridge.

28.00 Top 4 ft. high brs N. W.

34.00 Foot of Ridge

40.00 Set a post 3 ft. long, 3 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. E. W.

Estero S. B. S. 1 S.

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.

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

2. S. 34 & 35. marked,

S. 1 S. S. 35 on N. E.

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

S. 2 S. S. 3 on S. W. and

S. 34 on N. W. face, with swatches on E & 4 swatches on W. edge, dug pits 18" x 18" x 2 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 Mountainous & rocky

## R. 3 W. continued

chains

Soil 3<sup>d</sup> rate  
Greasewood Patches.

---

East bet. Secs. 2 & 35.

Var. 13° 54' E!

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 N. face  
dug pits 18" x 18" 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.

80.00

Set a Post 4 ft. long, 4 in.  
square with marked stone  
12 in. in the ground for  
cor. to Secs. 1, 2, 35 & 36.  
marked S. 1 S. S. 36 or N. E.



Exterior S. B. T. 1 S.

claims

R. 3 W. S. 1 on S. E.

T. 2 S. S. 2 on S. W. and  
S. 35 on N. W. face, with  
1 notch on E. & 5 notches on  
W. edge, 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.

Surface Rolling

Soil gravelly & 2<sup>d</sup> rate  
dense Greenwood brush

East bet. Secs. 1 & 36.

Var. 13° 54' E.

4000 Set a post 3 ft. long, sur. sq.  
with marked stone 12 ins. in  
the ground, for 1/4 sec. cor.

## R. 3 W. continued

Chains

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

8000 Set a Post  $4 1/2$  ft. long, 4 ins.  
 sq. with marked stone 12  
 ins. in the ground, for Cor.  
 to Sps 1 & 2 S. R. 2 & 3 W.  
 marked N. 15. S. 31 on N. E.  
 R. 2 W. S. 6 on S. E.  
 N. 2 S. S. 1 on S. W. and  
 R. 3 W. S. 36 on N. W. face,  
 with 6 notches on each edge,  
 dug pits  $24 \times 18 \times 12$  ins. length-  
 wise on each line, and raised  
 a mound of earth  $2 1/2$  ft high  
 5 ft. base around post.  
 Simple level.

Chairs

Soil gravelly + 2<sup>d</sup> rate  
Heuse Greasewood brush  
Cactus.



Exterior E. B. J. 1 S. R. 3 N.

Chain

From the Cor. to Sp. 25.  
R. 2 + 3 N. just now established  
by me, I run North bet.  
Secs. 31 + 36.

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

- 25.00 Base of Mtn Ridge & ascend  
28.60 Top of Ridge 80 ft. high. bro  
N. Et S. N. & Descend  
38.00 Foot of ridge, dry wash  
8 ft. deep. 25 lbs wide course  $N. 60^{\circ} E$ .  
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 for dug  
pits  $18 \times 18 \times 12$  in. W. S. of post  
 $3 \frac{1}{2}$  ft. dist. and raised a  
mound of earth  $1 \frac{1}{2}$  ft. high  
 $3 \frac{1}{2}$  ft. base around post  
42.70 Dry wash 4 ft. deep. <sup>25 lbs wide</sup> course

Estierons E. B. J. 15.

chain

S. 42° E'

8000 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  
J. 15. S. 30 m N. E.

R. 2 N. S. 31 on S. E.

R. 3 N. S. 36 on S. N. and

S. 25 on N. N. faces, with 5  
notches on N. & 1 notch on  
S. edge, dug pits 18 x 18 x 12

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

Surface uneven & rocky  
Soil 3d rate

Greasewood brush.

## R. 3 W. continued

Chasin

North bet. Secs 25 &amp; 30

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

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  $18 \times 18 \times 12$  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.

58.56 Dry wash 6 ft. deep. 15 lbs wide course N.  $45^{\circ} E$ .

78.60 Dry wash 4 ft. deep. 34 lbs wide course N.  $60^{\circ} W$ .

80.00 Set a Post 4 ft. long 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Sec. 19. 24. 25 & 30. marked



Exteriors E. B. P. 1 S.

chain

P. 1 S. 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. & 2 notches on  
 S. edges, dug pits 18 x 18 x 12  
 ins. in each sec. 5/2 ft. dist.  
 and raised a mound of  
 earth 2 ft. high 4 1/2 ft. long  
 around post.

Surface Rolling  
 Soil 2<sup>nd</sup> rate

Base underneath of  
 Greasewood branch.

North bet. Secs. 19 & 24

Var. 13° 54' E.

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

## R. 3 W. continued

chains

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. S.  
at post  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around  
post

8000 Set a Post 4 ft. long 4 ins. sq.  
with marked stone 12 ins.  
in the ground, for cor. to  
Secs. 13. 18. 19 & 24. marked  
S. 1 S. 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

Exteriors E. B. P. 1 S.

chains

and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base around post.

Surface level

Soil 1st rate

Woods Greasewood brush.

---

North bet. Secs. 13 & 18

Var.  $13^{\circ} 54' 01''$

11.35 Road bet. NW. & S. E.

4000 <sup>a</sup> Saguarra Cactus, 12 ins. in dia.

3 ft. high, which I mark  $\frac{1}{4}$  S. on W. face, for  $\frac{1}{4}$  sec. cor.

dug pits 18 & 18 x 12 ins. N.W.S.

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

raised a mound of earth around tree.

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



## R. 3 W. continued

Lains

square, with marked stony  
12 ins. in the ground, for Cor.  
to Secs. 7, 12, 13 & 18, marked  
S. 1 S. S. 7 on N. E.

R. 2 W. S. 18 on S. E.

R. 3 W. S. 13 on S. W. and  
S. 12 on N. W. faces, with  
2 notches on N. & 4 notches  
on S. edges, dug pits 18 x 18 x 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  $1\frac{1}{4}$  rate

Some greasewood brush.

---

Estierins, <sup>E. P. S.</sup> N. 1 S.

Lines

North bet. Secs. 7 & 12

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

6.00 <sup>Cross</sup> Road br. N. W & S. E.  $80^{\circ}$

10.83 Irrigating ditch course S.  $80^{\circ}$  W.  
Descend 18 ft. enter low bottom

34.43 Left Bank of Gile River  
br. Es. W. measure across.

39.00 Right Bank deep water  
low Banks.

40.00 Set apart 2 ft. long 3 in.  
square, with marked stone  
pins in the ground, for  $1/4$   
sec. cor. marked  $1/4 S^{\circ}$  on  
W. face, dug pits  $18 \times 18 \times 12$   
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.

45.56 Ascend 8 ft. enter scattering

## R. 3 W. continued

Dains

Magnolia trees.

68.00 Cross Road bro E. W.

8000 Set a post 4 ft. long 4 in.  
square with marked stone  
lines in the ground for cor.  
to Secs. 16, 7 & 12. marked  
S. 1 S. S. 6 on N. E.

R. 2 W. S. 7 on S. E.

R 3 W. S. 12 on S. W. and  
S. 1 on N. W. faces, with 1  
notch on N. and 5 notches  
on S. edges, dug pits 18 1/4 x 18 1/2  
in. 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  
a Magnolia 8 in. dia. bro. S. 40° W. 38 lbs.  
dist. marked T. 15. R. 3 W. S. 12 B. P.  
Surface level



Exterior S. B. S. / S.

chain

From the corner to Pps  
1 + 2 S. Ro 2 + 3 W. just  
recently established by me  
From East. bet. Secs. 6 + 31.  
Var.  $13^{\circ} 54' E$ .

24.83 Dry wash 4 ft. deep. 124 lbs wide

course North

39.02  
~~38.52~~

allowing 0.67 sec for convergence  
Set apart 3 ft. long, 2 in. square  
with marked stone 12 in. in  
the ground for  $\frac{1}{4}$  sec. Cor.

marked  $\frac{1}{4}$  S. on N face, dug  
pits 18 + 18 + 12 in. E. W. of  
post 37 ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.

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

79.02

~~78.52~~

Set apart 4 ft. long 4 in. sq.  
with marked stone 12 in.  
in the ground for Cor. to  
Secs. 5. 6. 31 + 32. marked

see plot

## R. 2 West.

Notes

S. 1 S. S. 32 on N. E.  
 R. 2 W. S. 5 on S. E.  
 P. 2 S. S. 6 on S. W. and  
 S. 31 on N. W. face, with  
 5 notches on E. 1 notch on  
 W. edge, dug pits  $18 \times 18 \times 12$  cm  
 in each sec.  $5/8$  ft. dist. and  
 raised a mound of earth  
 $2/3$  ft. high  $4/5$  ft. base around  
 post.

Surface level  
 Soil 1st rate  
 Dense greasewood brush.

---

East bet. Secs. 5 & 32.

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

3.39 Dry wash 2 ft. deep. 25 lbs wide  
 curve N.  $31^{\circ} W$ .

Exterior S. B. T. 1 S.

chains

38.00 Dry wash 6ft. deep. 240 lks wide  
course N. 70° W.

40.00 Set a granite stone 14x14x8  
ins. 10 ins. in the ground for  
1/4 sec. Cor. marked 1/4 on  
N. face, and raised a mound  
of stone alongside, Pts  
impracticable

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

4. 5. 32 x 33. marked  
S. 1 S. S. 33 on N. E.

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

S. 2 S. S. 5 on S. W. and

S. 32 on N. W. faces, with  
4 notches on E 2 notches on  
W. edges, dug pits 18x18x12  
ins. in each sec. 5/8 fl. dist.



## R. 2 W. continued

Claims

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

Surface Rolling

Soil 2<sup>d</sup> rate

Went Greasewood brush.

East bet. Secs. 4 & 33.

Var. 13° 54' E.

0.76 Dry wash 4 ft. deep, 10 lbs wide course South

40.00 Set a Post 4 ft. long, 4 ins. sq. 24 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on N. face, and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post. from which a Paloverde cirs. dia. br. S. 84° E. 72<sup>22</sup> Holthead marked 1/4 S. B. P.

## Esterius S. B. N. 1 S.

chains

8000

Set a Post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for cor. to Secs. 3, 4, 33 & 34 marked S. 1 S. S. 34 on N. E.

R. 2 W. S. 3 on S. E.

S. 2 S. S. 4 on S. W. and

S. 33 on N. W. face, with 3 notches on E. W. edge, dug pits 18 x 18 x 12 ins. in each sec. 5/8 ft. dist. and raised a mound of earth 2 ft. high 4/8 ft. base, around post, from which

a Paloverde 6 ins. dia. br. N. 50° E. 110 lbs dist. marked S. 1 S. R. 2 W. S. 34 B. N.

Surface Rolling.

Soil gravel + 2<sup>d</sup> vet.

Scattering Paloverde & dense undergrowth.

## R. 2 W. continued

chain

East bet. Secs. 3 &amp; 34.

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

30.24 Road to N. W. &amp; S. E. 30°

4000 Set a Post 3 ft. long, 3 ins. sq.  
with marked stone 12 in. 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.

8000 Set a Quartz rock 12 x 10 x 5 ins.  
8 ins. in the ground, for cor.  
to Secs. 2, 3, 34 & 35, marked  
with 2 notches on E. & 4 notches  
on W. edge, dug pits 18 x 18 x 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



Estero S. B. T. 1 S.

chains

along side

Surface level

Soil 1st rate

Near greenwood brush.

---

East bet. Seco. 2 & 35.

Var. 13° 54' E

4000 Set a Post 3 ft. long, 3 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. E. of N. of  
post 5 1/2 ft. dist. and  
raised a mound of earth  
1 1/2 ft. high 3 1/2 ft. base around  
post.

8000 Set a Post 4 ft. long, 4 ins. sq.  
with marked stone 12 ins.

## R. 2 W. continued

chains

in the ground, for Cor. to Secs.

1, 2, 35 & 36. marked

N. 15' S. 35 on N. E.

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

N. 28' S. 3 on S. W. and

S. 34 on N. W. faces, with  
1 notch on E. & 5 notches

on W. edges, dug pits 18x18x12  
ins. in each sec. 57ft. dist.

and raised a mound of  
earth 2ft. high 4ft. base  
around pit. from

Surface level

Soil 1st rate

Some greasewood brush

East bet. Secs. 1 & 36.

Var. 13° 54' East.

## Exterior S. B. S. 15.

Lines

4000 Set a Post 2 ft. long diam. 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. Et N. of post  $3\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

8000 Set a Post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground for cor. to Sps  $1 \times 2$  S. R. 1  $\times$  2 N. marked S. 1 S. S. 31 on N. E. R. 2 S. S. 6 on S. E. S. 2 S. S. 1 on S. W. and R. 1 S. 36 on N. W. faces. marked with 6 notches on each edge, dug pits  $24 \times 18 \times 12$



## R. 2 W. continued

chain

lengthwise on each line, R. 2.  
 5 ft. W. of post 6 ft. dist. and  
 raised a mound of earth  
 2 ft. high 5 ft. base around  
 post from which

A Paloverde. 8 in. dia. br. S. 6° W. 276 lbs. dist.  
 marked S. 2 S. R. 2 W. S. 1 B. P.

Simpson level

Soil 1st rate

Dense Greasewood brush

---

Exterior E. B. S. 1 S.

chains

From the Cor. to Sps 1 & 2  
S. R. 1 & 2 W. just now  
established From  
North bet. bet. Secs. 31 & 36.

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

40.00

Set a post 2 ft. long, 3 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  
pit 18 x 18 x 12 in. W. of post  
57 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 in. sq.  
with marked stone 12 in. in  
the ground for Cor. to Sec. 25.

30 - 31 & 36. marked

S. 1 S. S. 30 on N. E.

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

# R. 2 W. continued

chains

R. 2 W. S. 36 on S. W. and  
 S. 25 on N. W. faces, with  
 5 notches on N. and 1 notch  
 on S. edge dug pits 18+18+12  
 ins. in each sec. 5 1/2 ft. dist.  
 and raised a mound of earth  
 2 ft. high 4 1/2 ft. base around  
 post.

Surface level

Soil 1st rate

Dense greasewood brush.

---

North bet. Secs. 25 & 30.

Var. 13° 54' E

4000

Set a Post 3 ft. long, 2 ins. dia.  
 with marked stone 12 ins. in  
 the ground, for 1/4 sec. cor.  
 marked 1/4 S. on W. face,



Esteroes E. B. P. 1 S.

chain

dug pits 18x18x12 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.

8000

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

T. 1 S. 14 N. E. R. 1 W. S. 30 m S. E. R. 2 1/2 T. S. 25 1/2 S. 1/2 and 5 1/2 m. 21 1/2 W. 1/2

19. 24. 25 7 30. marked with 4 notches on N. and 2 notches on S. edge, dug pits 18x18x12 in. 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

Alloverde 8 in. dia. br. h. 81° W. 193 lbs dist. marked T. 1 S. R. 2 W. S. 24 B. T.

Simple level, Soil 1st rate Scattering Paloverde Dense undergrowth.

## R. 2 W. continued

chains

North bet. Secs. 19 + 24

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

16.20 Dry wash 6 ft. deep. 20 lbs. wide, course  
N.  $60^{\circ} W$ . ascend towards  
base of Mountain

22.00 Base of Mountain

31.50 Top of West end of Mtn. tr.  
N. W + S. E. descend

40.00 foot of Mountain, Set a  
granite stone  $15 \times 10 \times 8$  ins. 10  
ins. in the ground, for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
stone alongside. Pkts. impracticable.

41.00 Dry wash 10 ft. deep 30 lbs. wide, course  $S. 57^{\circ} W$ .  
Ascend another Mountain

8000 Set a granite stone  $18 \times 12 \times 9$  ins.  
12 ins. in the ground, for Cor. to  
Secs. 13. 18. 19 + 24. marked with

## Esterior E. B. P. 1 S.

chain

3 notches on W. S. edge, and  
 raised a mound of stone alongside.  
 Pts impracticable  
 Surface mountainous  
 Soil 4<sup>th</sup> rate  
 No timber.

---

North bet. Secs. 13 &amp; 18.

Var. 13° 54' E'

ascending.

13.50 Top of Mtn 400ft. high bet  
 N.E. & S.W. descend

40.00 Set a Granite stone 20 x 12 x 8  
 ins. 15 ins. in the ground, for  
 1/4 sec. Cor. marked 1/4 on W.  
 face, and raised a mound  
 of stone alongside, Pts imp-  
 racticable.



## R. 2 W. continued

chains

73.00 Foot of Mountain thence over Mountain Ridges.

80.00 Set a Granitestone  $17 \times 10 \times 9$  ins. 12 ins. in the ground, for cor. to Secs. 7, 12, 13 & 18. marked with 2 notches on N. and 4 notches on S. edges, and raised a mound of stone alongside, Pts unpracticable.

Surface unmountainous  
Soil 4<sup>th</sup> rate  
No timber.

---

North bet. Secs. 7 & 12.

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

38.00 Dry wash 6 ft. deep. 2+ lbs wide, course N.  $30^{\circ} W.$

40.00 Set a Granitestone  $19 \times 15 \times 8$  ins.

Exterior E. B. P. 1 S.

chain

13 ins. in the ground, for  $\frac{1}{4}$  sec. Dr.  
marked  $\frac{1}{4}$  on N. face, and raised  
a mound of stone along side,  
Pts impracticable.

61.00 Enter Valley

80.00 Set a Granite stone  $20 \times 8 \times 6$  ins.

15 ins. in the ground, for cor. to  
Secs. 1, 6, 7 & 12, marked, with  
1 notch on N. and 5 notches on  
S. edge, and raised a mound  
of stone along side, Pts imp-  
racticable.

Surface unimproved, Soil 3<sup>d</sup> rate  
No timber.

North bet. Secs. 1 & 6.

Var. 13054' E!

8.00 Base of Mta Ridge and ascend

## R. 2 W. continued

chains

- 34.00 Dip 150ft. high to E + W. Descend
- 40.00 Set a Granite stone 18+12+9 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face and raised a mound of stone along side, Pit imp. imp.  $\frac{1}{4}$  sec. cor.
- 57.00 Foot of Mtn thence over rolling Hills.
- 80.63 Intersect Base line 2.73 chs East of Stand. cor. to Sp. 1 N. Rs. 1+2 W. which was just recently established by me, at point of intersection
- Set a Granite stone 18+15+12 ins. 12 ins. in the ground, for closing cor. to Sp. 15. Rs 1+2 W. marked C.C. with Cutches on S. E + W. edges, and raised a mound of stone, along side, Pit imp. imp.  $\frac{1}{4}$  sec. cor.
- Sinfula mount alum, Soil & the rate  
Grease wood brush on last 40 chs.

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

December 16<sup>th</sup> 1882  
For final notes see Book 4 Sp. 1 N. R. 2 W.



U. S. Surveyor General's Office,

TUCSON, ARIZONA, February 21, 1880.

The foregoing Field Notes of the Survey of the  
Extremos of 1<sup>st</sup> District,  
Ranges 2, 3 & 4 West  
of 1<sup>st</sup> part,  
See 1<sup>st</sup> & 3<sup>rd</sup> parts,

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

Deputy Surveyor, under his contract of the 24<sup>th</sup>,  
day of October, 1882, 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. Robbins  
Surveyor General.