

BOOK II

BOOK 1345

See Index in

Field Notes

No. 1345

OF THE SURVEY OF

5th Auxiliary Meridian
on E. Bay Sp 18 + 19 St. R 20 E
and the

6th Auxiliary Meridian on
E. Bay Sp 18 + 19 St. R 24 E

BOOK 1345

No. 1345

Gila and Salt River Base and Meridian

ARIZONA.

By Henry Meyrick Jr. D.S.

Under contract dated July 24-1882

Survey commenced Sept. 27-1882

Survey completed Oct-12-1882

1345



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6th Aux Merid along
 East Bdry T 18 N R 24 E 1
 " " " 19 N R 24 E 13

5th Aux Merid along
 East Bdry T 18 N R 20 E 24
 " " T 19 " " 20 E 31.

No. 1345

BOOK 1345

1A

2 By T. & N. R. 24 & 25 S. R. 11,
Sixth Auxiliary Meridian -

The instrument used
in making this survey
a Burt's Patent Improved Solar Compass
was made by Otto H
Fennel of Basel -
Germany in 1881 - I
carefully examined it
and in May 1882 compared
it with the instrument
which was adjusted &
corrected on the true
Meridian at Tucson -
Arizona, and found it
to be in perfect order
& adjustment. I also
carefully tested instrument
by reversing - Survey
commenced Sept. 27 - 1882 -
From the Cor. to Tps
17 & 18 N - Ranges 24 & 25 E

Sixth Auxiliary ^{Meridian} on E. By 5187. R24 E
 S. R. M

Chairs -

which is a sand stone
 24 x 18 x 10 ins 16 ins
 in the ground - marked
 with 6 notches on each
 edge & with pits 24 x 18
 x 12 ins lengthwise on each
 line 6 ft. dist, & a mound
 of earth 2 1/2 ft. high 5 ft.
 base alongside -

Thence Run N. bet.
 Secs 31 + 36

to a 14° 15' E

as per observation with Solar Compass -

10.00 Top of ridge bet N. E +
 S. W + Westward

40.00 Hit a sand stone 12 x 10
 x 10 ins 8 ins in the
 ground for 1/4 Sec Cor,
 marked 1/4 on W face

6th Auxiliary Meridian on E. By 5th 18th N. R 24 E.
S + S. R. M

Chains

- Dug pits 12 x 12 x 12 ins U +
S of them 5 1/2 ft. dist. & raised
a mound of earth 1 1/2 ft. high
3 1/2 ft. base along side
- 74.65 Cross dry wash 10 lbs wide
Course N 75° W + ascend
- 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 14 N. S 30 on N. E
R 25 E. S 31 on S. E. R 24 E
S 36 on S. W, + S 25 on
N. W faces with 1 notch
on S + 5 notches on N
edges - Dug pits 12 x 12
x 12 ins in each Sec
5 1/2 ft. dist & raised
a mound of earth 2 ft.
high 4 1/2 ft. base around post

6th Auxiliary Meridian on E. By S. 18 N. R. 24 E.
 § 4 S. R. M.

blains

Band rolling
 Soil 3^d rate
 Good grazing

N. bet. Secs 25 + 30
 Va 14015'E,

Ascend gradually -
 4000 Set a self stonet.
 10 x 11 x 9 ins & ins in
 the ground for 1/4 Sec
 Cor. marked 1/4 on W
 face, Dig pits 18 x 12 x
 12 ins N + S of stone 5 1/2
 ft. dist. & raised. a
 mound of earth 1 1/2
 ft. high @ 1/2 ft. base
 along side

6000 Enter broken ground
 Course N. E.

6th - Auxiliary Meridian on E. By 5 p.m. R 24 E.
5 p.m. R. M.

6 hours -

80,00 Set a post 4 ft. long
4 ms sq. with marked
stone 12 ms in the
ground for Cor. to Sec.
19-24-25+30 marked
5 p.m. S 19 on N. E. R 25
E. S. 30 on S. E. R 24
E. S 25 on S. W + S 24
on N. W. faces with 2
notches on S + 4 notches
on N. edges, Dug pits
18 x 18 x 12 ms in each
Sec 5 1/2 ft. dia. &
raised a mound of
earth 2 ft. high 4 1/2 ft.
base around post
Band broken -
Soil 32 rate
Fair drying

6th - Anyahary Meridian on E. By. 5/18 N. R. 24 E.
G. S. R. W.

Chains -

North bet. Secs 19 + 24
to 14° 15' E.

4,000 Turn of Rio Puerco Divide
bet E & W - 60 ft. high &
descend

40,000 Set a sand stone 14 x 11
x 6 ins 10 ins in the
ground for 1/4 Sec Cor.
in marked 1/4 on W face
Dug pits 18 x 18 x 12 ins
N + S of stone 5 1/2 ft.
dist. & raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. base alongside.

55,000 Enter Rio Puerco Valley
bet E & W.

80,000 Set a post 4 ft. long
5 ins sq with marked
stone 12 ins in the
ground for Cor. to

6th - Auxiliary Meridian on E. By $S 18^{\circ} N. R 24^{\circ} E$,
S + S. R. M.

blains

Sees 13-18-19 + 24 marked
 $S 18^{\circ} N. S 18^{\circ} on N. E. R 25^{\circ}$
 $E. S 19^{\circ} on S. E. R 24^{\circ} E S$
 $24^{\circ} on S. W + S 13^{\circ} on N. W$
 faces with 3 notches
 on N + S edges - Dug pits
 $18 \times 18 \times 12$ ms in each
 See $5\frac{1}{2}$ ft. dist. & raised
 a mound of earth 2 ft.
 high $4\frac{1}{2}$ ft. base around post
 Sand broken -
 Soil 3^d rate
 Good grazing

North bit. Sees 13 + 18
 $\theta = 14^{\circ} 15' E$

Descend gradually -
 40.00 Sit a sand stone
 $13 \times 12 \times 6$ ms & ms in

6th Auxiliary Meridian on E. R. by Sp 18 N. R 24 E.
 Box S. R. W.

Chains -

in the ground for
 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$
 on W. face, Dig pits
 $10 \times 18 \times 12$ 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
 80,00 Set a post 4 ft. long
 4 ins sq. with marked
 stone 12 ins in the
 ground for Cor. to Secs -
 7-12-13 & 18 marked
 5, 8 N. S 7 on N. E. R
 25 E S 18 on S. E. R
 24 E. S 13 on S. W + S
 12 on N. W. faces with
 4 notches on S & 2 notches
 on N. edges, Dig pits

6th - Auxiliary Meridian on E By Sp 187. R 242,
S + S. R. M.

Chains -

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

to and rolling
Soil 2nd after
Good grazing

North bet. Secs 7 + 12
T. 140 15' E.

Over rolling land

40.00 Dit a sand stone 18 x 12
x 5 ins 8 ins in the ground
for 1/4 sec cor. marked
1/4 on W face Ding pit
18 x 18 x 12 ins 4 + 5 off
post 5 1/2 ft. dia. &
raised a mound of

6th Auxiliary Meridian on E. By Sp 18 N. R 24 E,
 S. S. R. M.

Chairs -

80.00

earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side
 Set a post 4 ft. long
 4 ins sq. with marked
 stone 12 ins in the
 ground for cor. to Sec.
 16-7+12 marked S 18
 N. S 6 on N. E. R 25 E
 S 7 on S. E. R 24 E. S
 12 on S. W + S 1 on N W
 faces with 5 notches
 on S + 1 notch on N
 edges - Dig pits
 18 x 18 x 12 ins in each
 Sec $5\frac{1}{2}$ ft. dist. &
 raised a mound of
 earth 2 ft. high $4\frac{1}{2}$
 ft. base around post
 Band rolling
 Soil 2nd rate

6th - Auxiliary Meridian on E. By Spirit. R. 24 E,
 G. S. R. M. -

chains -

Good grazing

North by Secs 14-6

by 140 150 E.

Over rolling land -

40.00

Set a post 4 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 x 18 x 12 ins
 N & S of post 5 $\frac{1}{2}$ ft.
 dist & raised a mound
 of earth $1\frac{1}{2}$ ft. high
 2 $\frac{1}{2}$ ft. base around
 post -

80.00

Set a post 5 ft.
 long 5 ins sq. with
 marked stone 12 ins

6th Auxiliary Meridian on E. By Sp 187. R 24 E
 S + S. R. M.
 chains

in the ground found
 Cor. to Sp-18 + 19 N
 R- 24 + 25 E, marked
 519 N. S 31 on N. E. R
 25 E. S 6 on S. E. S 18 N
 S 1 on S. W + R 24 E. S
 36 on N. W faces - with
 6 notches on each edge -
 Dug pits 24 x 18 x 12 lbs
 lengthwise on each line
 6 ft. dist. + raised a
 mound of earth
 2 1/2 ft. high 5 ft. base
 around post
 Band rolling
 Soil 2nd rate
 Good Grazing

6th - Auxiliary Meridian on E. By Sp 19 N. R 24 E. S + S. R. M.

chains-

From the cor - to Sp
18 + 19 N. R 24 + 25 E -
just established by me
I run North bet Secs -
31 + 36

to a 14° 15' E.

40.00

Descend gradually,
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, Dig
pit 18 x 18 x 12 ins at
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 -

58.30

Cross Rio Puerco
run 80 ft. wide course
S 70° W - N 70° E. ascend

5th Auxiliary Meridian on E By Sp 19 N. R 24 E,
S. R. W.

Chains -

79.15 - Cross road hrs at 40° E & S
40° W -

79.35 - Cross A + P Ry. hrs -
at 84° E & S 84° W -

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 Sp 19 N. S 30
on N. E. R 25 E. S 31 on
S. E. - R 24 E. S 36 on S. W
& S 25 on N. W. faces -
& with 1 notch on S &
5 notches on N edges -
Dug pits 18 x 18 x 12 in in
each Sec 5 1/2 ft. dia &
raised a mound of earth
2 ft. high 4 1/2 ft. base
around post

6th - Auxiliary Meridian on E. By Sp 19 N. R 24 E,
G + S. R. M.

chains -

Band rolling
Soil 2nd rate
Good grazing

North bet. Secs 25 + 30
Va 14015' E,

Descend gradually

0,16 Cross telegraph line
N 49° E + S 49° W

40,000 Set a post 3 ft. long
4 ins sq. with marks
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 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.

6th - Auxiliary Meridian on E. By S 19 N. R 24 E.
S + S R. M.

Chavis -

80,00

Set a post 4 ft. long
4 ins sq. with marked
stone 12 ins in the
ground for cor. to Secs.
19-24-25+30 marked -
S 19 N. S 19 on N. E. R 25 E
S 30 on S. E. R 24 E. S 25
on S. W + S 24 on N. W faces
with 2 notches on S +
4 notches on N edges -
Dig 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 around post.
Band rolling
Soil 3^d ratf
Good greening

6th Auxiliary Meridian on E. By Sp 197. R 24 E,
G. S. R. M.

Chairs -

North bet. Decs 19 + 24

to 140' 15" E,

Ascend gradually -

13,00 Foot of hill bet E + W -

Ascend abruptly -

21,50 Bank of mesa bet E + W

+ descends gradually

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 x 18 x 12 ins W of
S 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 -

80,00 Set a post 4 ft. long

4 ins sq. with marked
stone 12 ins in the ground

6th Auxiliary Meridian on E. By 519 N. 124 E.
S + S R. W.

Chains -

for Cor. to Decs 13-18-19 +
24 marked 519 N. S 18 on
N. E. R 25 E S 19 on S. E
R 24 E. S 24 on S. W +
S 13 on N. W. faces + with
snatches on N + S edges -

Dug pits 18 x 18 x 12 hrs
in each see 5 1/2 ft -
dist. + raised a mound
of earth 2 ft. high 4 1/2
ft. base around post -

Soil rolling
Soil 3 1/2 ft

Good grazing

North bet. Decs 13 + 18
to a 140 15' E

Descend gradually

40.00

Set a safe stone 15

6th - Auxiliary Meridian on E. By 5/19 N. R 24 E,
S + S. R. W.

Chairs -

- $\times 10 \times 6$ ins 10 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on W. face - Dug pits $18 \times 18 \times 12$ ins N + S of stone $5\frac{1}{2}$ ft. dist. raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side -
- 78.80 Crossed dry wash 70 lbs wide compass & 500 W + used
- 80.00 Set a post 4 ft. long 4 ins sq., with marked station 12 ins in the ground for Cor. to Secs - 7 - 12 - 13 & 18 marked 5/19 N. S 7 on N. E. R 25 - E. S. 18 on S. E. R. 24 E. S. 13 on S. W + S. 12 on N. W. faces - and 4 notches on S + 2 notches on N edges - Dug pits $18 \times 18 \times 12$ ins in each Sec $5\frac{1}{2}$ ft -

6th Auxiliary Meridian on E. By Sp 19 N. R 24 E,
S + S. R. M.

Chairs -

dist. & raised a mound
of earth 2 ft. high $4\frac{1}{2}$
ft. base around post
Band rolling
Soil 3^d rate -
Good grazing
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North bet. Sec 7 + 12 -  
to 140 15' E.

Ascend gradually -

40,00

Set a safe stone 14 x 12  
x 6 ins & ins in the  
ground for  $\frac{1}{4}$  Sec Cor-  
marked  $\frac{1}{4}$  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

try  
6 - Auxiliary Meridian on E. Ry. Tr. 1971. R 24 E  
G. S. R. W.

Chains -

65.00 3 1/2 ft. base along side  
Foot of hill has E & W +  
ascend

80.00 Set a sand stone 15 x  
10 x 6 ins 10 ins in the  
ground for Cor. to Secs.  
6-7 & 1/2 marked with  
5 notches on S +, notches  
on N edges - + raised a  
mound of stone alongside  
Pits impracticable  
Soil rolling  
Soil 3<sup>rd</sup> rate  
Fair grazing

North bet. Secs 1 + 6  
Val 140 15' E.

40.00 One rolling ground  
Set a sand stone 14 x 10



6<sup>th</sup> Auxiliary Meridian on E. By. Sp 19 N. R 24 E

Chains

x 8 ins & ins in the ground  
for  $\frac{1}{4}$  Sec Cor. marked  
 $\frac{1}{4}$  on the face & raised  
a mound of stone alongside  
Pits unfracturable -

63.00 Cross dry wash 10 lbs  
wide Cohese N 70° W  
& ascend

78.55 Cross road hrs N 79° W -

80.00 Set a post 4 ft long  
4 ins sq with marked  
stone 12 ins in the ground  
for Cor. to Sp 19 & 20 N  
R 24 & 25 E, marked -  
S 20 N. S 31 on N. E. R 25 E  
S 6 on S. E, S 19 N. S 1 on S. W  
+ R 24 E. S 36 on N. W faces  
& with 6 notches on each  
edge - Dug pits 24 x 18 x  
12 ins long twice on each

6<sup>th</sup> - Auxiliary Meridian on E. By Sp 197. R 248  
 G. S. R. M.

Chains -

line 6 ft. dia. & raised a  
 mound of earth 2 1/2 ft.  
 high 5 ft. base around post  
 Good rolling  
 Soil 3<sup>d</sup> rate  
 Good grazing  
 Sept 27 1882

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From the Cor. to Tps-17+18  
 N. R. 20+21 E. recently  
 re-established in retracing  
 by me. Thence Down N-  
 W. Secs 31+36

ba 140 3'E

Over rolling prairie

Foot of bluff hrs E & W

Top of bluff hrs E & W

Over table land

Set a sand stone 18x10

2.00

7.00

40.00

5<sup>th</sup> - Auxiliary Meridian, on E. By. 5 p. 18 N. P. 20 E  
 S + N. R. M.

Chains -

x 5 - ins 12 ins in the ground  
 for  $\frac{1}{4}$  Sec Cor. marked  $\frac{1}{4}$   
 on W face, Dig pits  
 18 x 18 x 12 ins N + S of  
 stone  $5\frac{1}{2}$  ft. disk & raised  
 a mound of earth  $1\frac{1}{2}$   
 ft. high  $3\frac{1}{2}$  ft. base alongside -

80,000

Set 2 sand stone 19 x 18 x  
 7 ins 12 ins in the ground  
 for Cor. to Secs 25 - 30 - 31  
 & 36 marked with 1  
 notch on S + 5 notches  
 on N. edges - Dig pits  
 18 x 18 x 12 ins in each Sec  
 $5\frac{1}{2}$  ft. disk, & raised a  
 mound of earth 2 ft.  
 high  $4\frac{1}{2}$  ft. base alongside  
 Hand rolling  
 Soil 2<sup>nd</sup> rate  
 Good to very

5<sup>th</sup> Auxiliary Meridian on E. By S. R. M. P. 20 E,  
S. R. M.

W. Harris

North bet. Secs 25 & 30

to a 140 3' E.

Over flat table land

40,00

Set a sand stone 14 x 10  
x 8 ins 10 ins in the ground  
for  $\frac{1}{4}$  Sec Cor. marked  
 $\frac{1}{4}$  on W face, Dug pit  
18 x 18 x 12 ins  $\frac{1}{4}$  of stone  
5  $\frac{1}{2}$  ft. dia. & raised a mound  
of earth  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft.  
base alongside

80,00

Set a sand stone 19 x 10 x  
7 ins 12 ins in the ground  
for Cor. to Secs 19 - 24 - 25  
& 30 marked with 2  
notches on S & 4 notches  
on  $\frac{1}{4}$  edges - Dug pit  
18 x 18 x 12 ins in each sec  
5  $\frac{1}{2}$  ft. dia. & raised a  
mound of earth 2 ft.

5<sup>th</sup> - Auxiliary Meridian on E. B. of D. 1874, No. 2  
S. & S. R. M.

Chains

high  $4\frac{1}{2}$  ft. base along side  
Band level  
Soil 2<sup>nd</sup> rate, sandy  
Fair grading

North lat. Dec 1902  
ba 140 3' E.

Over open prairie.

40.00

Set a sand stone  $14 \times$   
 $10 \times 7$  ins  $10$  ins in the  
ground for  $\frac{1}{4}$  sec cor-  
marked  $\frac{1}{4}$  on W face  
Dug pits  $18 \times 18 \times 12$  ins  
N. of stone  $5\frac{1}{2}$  ft.  
diam. & raised a mound  
of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base along side

80.00

Set a sand stone  $14 \times 10 \times$   
 $8$  ins  $10$  ins in the ground

5<sup>th</sup> Auxiliary Meridian on E. By 5187. R 20 E  
G. H. R. M.

blains

from Cor. to Secs 13-14-17+24  
 marked with 3 notches  
 on N + S edges. Dug 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 ft. base alongside  
 Band level  
 Soil 3<sup>d</sup> rate  
 Good grazing

North bet Secs 13 & 18  
 to 1400 E

Over open prairie -

Set a sand stone 14 x 10

x 4 ins 10 ins in the

ground for 1/4 sec Cor  
 marked 1/4 on W face  
 Dug pits 18 x 18 x 12

40.00

5<sup>th</sup> Auxiliary Meridian on E. By S. & N. R. 20 E,  
S. & S. R. W.

Chains

80,00

1/2 mi N + S of station 5 1/2  
 ft. dist. & raised a mound  
 of earth 1 1/2 ft. high 3 1/2  
 ft. base along side  
 Set a sand stone 16 x  
 9 x 5 in 10 in in the  
 ground for cor. to Secs  
 of 12-13 & 18 marked  
 with 4 notches on S  
 & 2 notches on N edge  
 Dig pits 18 x 18 x 12  
 in of each Sec 5 1/2 ft.  
 dist. & raised a mound  
 of earth 2 ft. high 4 1/2  
 ft. base along side  
 Sand level  
 Soil 3<sup>rd</sup> rate  
 Good greying

5<sup>th</sup> - Auxiliary Meridian on E. By Sp 18 N. R 20 E  
Twp. 18 N. R. 20 E

Chains -

North by Secs 7 + 12  
Twp 1405 E,

Over low rolling  
land -

40,00 Set a sand stone 18 x

9 x 5 ins 12 ins in the  
ground for  $\frac{1}{4}$  sec cor,  
marked  $\frac{1}{4}$  on W face

Drig pits 18 x 18 x 12 ins  
N. 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

80,00 Set a sand stone 18 x

10 x 4 ins 10 ins in the  
ground for cor, to Secs

of 6-7 + 12 marked with  
5 notches on S + 1 notch

on N. edges - Drig pits  
18 x 18 x 12 ins in each



5<sup>th</sup> Auxiliary Meridian on E. Ry. Sp. 187. R. 20 E.  
S. of S. R. M.

Chains

Set  $5\frac{1}{2}$  ft. dist. & raised  
a mound of earth 2 ft.  
high  $4\frac{1}{2}$  ft. base alongside  
band rolling & broken  
soil & earth -  
Good grazing

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North bet. Secs 1 + 6 -

to a 1403' E.

Over low rolling sand  
hills -

4000 Set a sand stone  $12 \times 12$   
 $\times 10$  ins & ins in the  
ground for  $\frac{1}{4}$  sec cor.  
marked  $\frac{1}{4}$  on W face  
Dug pits  $18 \times 18 \times 12$  ins  
N + S of stone  $5\frac{1}{2}$  ft.  
dist. & raised a mound  
of earth  $1\frac{1}{2}$  ft. high

5<sup>th</sup> Auxiliary Meridian on E. By Sp. 19 N. R. 20 E  
 Sp. 18 + 19. R. 20 -

Charris -

80,000 3 1/2 ft. base alongside -  
 Sit on sand slope 21 x  
 10 x 8 ms 16 ms in the  
 ground for Cor. to Sp  
 18 + 19 N. R. 20 + 21 E  
 marked with 6 notches  
 on each edge. Dug  
 pits 24 x 18 x 12 ms  
 lengthwise on each line  
 6 ft. dia. & raised a mound  
 of earth 2 1/2 ft. high 5  
 ft. base alongside  
 sand broken sand hills  
 Soil 3<sup>rd</sup> rate  
 Good grazing

From the Cor. to Sp -  
 18 + 19 N. R. 20 + 21 E

5<sup>th</sup> Auxiliary Meridian on E. By 56197. R 20 E  
 S of S. R. M.

Chairs

just established by me -  
 from North bet. bees  
 31+36 -

va 140 - 5' 2

Over low sand hills -

40.00 Set a sand stone 15x12

x 8 ins 10 ins in the

ground for  $\frac{1}{4}$  Sec Cor.

Marked  $\frac{1}{4}$  on W face -

Dug pits 18x18x12 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

80.00 Set a sand stone 14x12

x 8 ins 10 ins in the

ground for Cor. to Secs -

25 - 30 - 31+36 marked

with 1 notch on S +

5 notches on N edges -

5<sup>th</sup> - Auxiliary Meridian on E. By Sp 1911 R 20 E  
 G. S. R. M.

to house

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 along side  
 to and rolling sand hills  
 Soil 3<sup>d</sup> rate  
 Good grazing

North bet. sees 25 + 30  
 to a 140 5' E

33.00 Cross Dry wash 10 lbs  
 wide confine S. W +  
 over level country.

40.00 Set a sand stone 16 x 12  
 x 8 ins 8 ins in the  
 ground for 1/4 sec Cor.  
 marked 1/4 on W face  
 Dug pits 18 x 18 x 12 ins -

5<sup>th</sup> Auxiliary Meridian on E. By Sp 19 N, R 20 E.  
G + S. R. M.

chains

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 a  
 8000 Set a sand stone  $20 \times$   
 $12 \times 10$  ins  $15$  ins in the  
 ground for Cor. to Secs -  
 19 - 24 - 25 + 30 marked  
 with 2 notches on S & 4  
 notches on N edge -  
 Dug pits  $18 \times 18 \times 12$  ins  
 in each sec  $5\frac{1}{2}$  ft -  
 dist. & raised a mound  
 of earth 2 ft. high  $4\frac{1}{2}$   
 ft. base along side a  
 band walking  
 Soil 2<sup>d</sup> ft  
 Good grazing

5<sup>th</sup> Auxiliary Meridian on E. By J. P. 1977. Reo E.

S + S. R. M.

North bet. Secs 19 + 24  
T<sub>14</sub> 1405' E,

Over level country

40.00 Set a sand stone 20 x  
10 x 6 ins 15 ins in the  
ground for  $\frac{1}{4}$  Sec Cor,  
marked  $\frac{1}{4}$  on W face  
Dug pits 18 x 18 x 12 ins  
N + S of stone 5  $\frac{1}{2}$  ft. dia.  
raised a mound of earth  
 $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. base  
along side

80.00 Set a sand stone 24 x 12  
x 6 ins 16 ins in the ground  
for Cor. to Secs 13 - 18 - 19  
N 24 marked with 3  
notches on N + S edges.  
Dug pits - 18 x 18 x 12  
ins in each Sec 5  $\frac{1}{2}$   
ft. dia. & raised a

5<sup>th</sup> - Auxiliary Meridian on E. By Sp 19 N. R 20 E.  
 G. S. R. M.

Chains -

mound of earth 2  
 ft. high  $4\frac{1}{2}$  ft. base  
 alongside

Bad level

Soil 3<sup>d</sup> rate

Good grazing

North bet. Secs 13 & 18

to 1405<sup>th</sup> E,

Over level land -

20,00 Enter rolling hills -

40,00 hit a lava stone 12x10

x 8 ins x 8 ins in the

ground for  $\frac{1}{4}$  Sec Cor.  
 marked  $\frac{1}{4}$  on W face

Dug pit 18x18x12

ins fl + 5 of stone

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

5<sup>th</sup> Auxiliary Meridian on E. Bay, D. 19<sup>th</sup> Dec 2,  
G. W. S. R. M.

Blair

mound of earth  $1\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. base along side  
80,000 Set a lava stone  $14 \times$   
 $10 \times 8$  ins  $10$  ins in the  
ground for Cor. to Sec  
7-12-13+18 marked  
with 4 notches on S  
& 2 notches on N edges  
Dug pits  $18 \times 18 \times 12$  ins  
in each sec.  $5\frac{1}{2}$  ft. dist.  
& raised a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft. base  
along side

Hand rolling

Soil 3<sup>d</sup> rate

Good grazing

North bet. Secs 7 & 12  
to a 1405' E



3.8.

BOOK 1345

5<sup>th</sup> - Auxiliary Meridian on E. By Sp 1971. R20 E  
L + S. R. M.

blems -

Over rolling land -  
40,00 Set a sand stone 14 x  
12 x 5 ins 10 ins in the  
ground for  $\frac{1}{4}$  Sec Cor.  
Marked  $\frac{1}{4}$  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 alongside

80,00 Set a sand stone 20 x  
10 x 6 ins 15 ins in the  
ground for Cor. to Sec  
6-7 + 12 marked with  
5 notches on S + 1 notch  
on W edges - Dug pits  
18 x 18 x 12 ins in each  
Sec 5  $\frac{1}{2}$  ft. dist. &  
raised a mound of  
earth 2 ft. high 4  $\frac{1}{2}$

5<sup>th</sup> Auxiliary Meridian on E. By 5/19/11. R20E  
 G. V. R. M.

Chains

fl. base alongside  
 Sand rolling  
 Soil 2<sup>nd</sup> rate  
 Good grazing

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North bet. lines 146  
 to 140 5'E

- Over rolling land -
- 40.00 Set a sand stone 14  
 x 12 x 8 ins 10 ins in the  
 ground for 1/4 Sec Cor.  
 marked 1/4 on W face  
 Dry pits 18 x 18 x 12 ins  
 W of stone 5 1/2 ft.  
 dist. & raised a mound  
 of earth 1 1/2 ft. high  
 3 1/2 ft. base alongside
- 80.00 Set a sand stone 24 x 12 x 8  
 ins 16 ins in the ground

5<sup>th</sup> Auxiliary Meridian on E. By Sp 19 + 20 St. R.  
 20 + 21 E - marked  
 by S. R. T. M.

Chairs -

for Cor. to Sp 19 + 20 St. R.  
 20 + 21 E - marked  
 with 6 notches on each  
 edge - Dug pits 2 4x18x12  
 in lengthwise on each  
 line 6 ft. dia. & raised  
 a mound of earth 2 1/2  
 ft high 5 1/2 ft. base  
 along side

Abundant  
 Soil 37 feet

Good grazing

Oct 12 1882

For Final Oaths see  
Book No XVIII

## U. S. Surveyor General's Office,

TUCSON, ARIZONA,

April 23<sup>rd</sup> 1883

The foregoing Field Notes of the Survey of the  
 5<sup>th</sup> Auxiliary Meridian  
 on East B. Tps. 18 & 19 N. R.  
 20 East and the  
 6<sup>th</sup> Aux. Meridian C. B. Tps.  
 18 & 19 N. R. 24 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
 ted by Henry Meyrick

Deputy Surveyor under his contract of the 24<sup>th</sup>

day of July, 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. M. Robinson  
 Surveyor General.