

BOOK 1357

4 ls.
and

Salt River Meridian

1357

~~Types 1-2-3+4~~

~~REVIEW~~

~~See Index & note~~

BOOK 1357

See Resurvey of Prim-
Meridian thro T.4 N. &
T.3 N. (In Extensions
T.3 N.; R.1 W &c)

T 1 N;	R 1 E	and	1 W	3
" 2 "	" 1 "	"	1 "	9
" 3 "	" 1 "	"	1 "	13
" 4 "	" 1 "	"	1 "	18

Fog

S. 17 N.		S. 22 N.		S. 37 N.		S. 42 N.	
1	9 6	1	12 6	1	16 6	1	21 6
12	8 7	12	12 7	12	16 7	12	20 7
13	7 18	13	11 18	13	15 18	13	20 18
24	6 19	24	16 19	24	18 19	24	19 19
25	6 30	25	10 30	25	14 30	25	18 30
36	3 31	36	9 31	36	13 31	36	18 31

No. 1357

Meridian

Field Notes

of the

"Gila Salt-River Meridian"

— from the Initial Corner
opposite the mouth of Salt River
on the South side of the Gila
North twenty four miles

William H. Pierce
U.S. Deputy Surveyor

Survey commenced Jan 27th 1867
Survey completed Jan 31st 1867

T. 1 N. R. 16 E. 1 W. Meridian

X
Field Notes of the Gila & Salt
River Meridian

North on a true line between Secs 31 & 36

T. 1 N. R. 16 E. 1 W.

As it is impossible on account
of high water in the Gila River
to reach the "Initial Corner" viz

A monument of stones South
of the Gila and opposite the
mouth of Salt River I establish
a point 150 chrs from the Right
bank of Salt River due North
and in sight of the Initial Cor.
and with a Base of 5 chrs
triangulate to said cor.

Angle $79^{\circ}40'$

Distance to point 27.48 chrs.

from cor. to Gila River about

T 1 N. R. 1 E. T 1 W. Meridian

Chains

- 13.30 Gila River course N 83° W. about
3 chns wide
- 19.50 Salt River course S 23° W. about
6.50 chns wide
Willow brush and a few
cottonwood trees on N. bank
- 29.00 Road from Prescott to Tucson
br S. 20° E and crosses Salt R
20 chns above line
- 40.00 Set granite boulder 22x10x8
for g. sec. cor.
- 48.00 Road to upper ford br E. and
crosses Salt River about 1/2 m
above line
Note at the time of running
this line while the water at
lower ford was so deep as to

5
 T. N. R. 16 & 18. Meridian

chain

render fording impracticable
 the water at upper ford was
 not more than 3 ft. deep—

76.00 Erect Mesquit bush bis C & N.

80.00 Set granite boulder 20x8x6 for
 cor to sec's 25.30 31736

Surface S. of River broken &
 rocky N. of River level

X Veg. Willow & sage brush
 and a few cottonwood trees
 along the N bank of Salt River
 Soil N. of River, 1st rate
 Jan 27th 1867

By an observation of the Polar
 Star tested line run by compass
 and compared thus with standard

T. N. Pos 16 & 17 Meridian

Chain

Secs. 23 & 30
 N. on a true line bet. Tps 1 N
 R. 1 E. & R. 1 W.

Var $13^{\circ} 38'$ East

- 4.00 Leave belt of mesquit brush
 bet. E & W.
- 40.00 Set granite boulder $18 \times 6 \times 5$
 for ge. sec corner
- 70.00 Enter scattering mesquit timber
 bet. E & W.
- 80.00 Set granite boulder for cor. to
 secs 19, 24, 25 & 30
 Soil clay - alkali 2^d rate
 Scattering mesquit brush on last
 10 chis - Quasewood brush
 No grass
-
- 40.00 N. on a true line bet. secs. 19 & 24
 Built mound with pits

J. W. R. 10 R. A. Mendon

Stakes

and charred stake for gr sec cor

80.00

Set granite boulder 20x8x4 for
cor to sics 13, 18, 19 & 27

Surface level

Soil clay mixed with sand
2^d rate

Vegetation mesquit & greasewood
bush

Maratumbin bet. sics 13 & 18

40.00

Build mound with pits and
charred stake for gr, sec, cor,

80.00

Set granite boulder 16x6x6 for
cor to sics 7, 12, 13 & 18

Surface level

Soil sandy - some gravel 2^d rate

Mesquit and greasewood bush

No grass

TIN RICE RIV. - Meridian -

- chains
40.00 Monatumbin between sites 7 & 12
Built mound with pits and
charred stake for gr. sec. cor.
- 80.00 Set granite boulder 17x6x5 for
cor to sites 1, 6, 7 & 12
Surface level
Soil 2' rate
Vegetation Mesquit & greasewood
bush and a little grass
-
- 40.00 ~~Monatumbin between sites 1 & 6~~
Built a mound with pits &
charred stake for gr. sec. cor.
- 80.00 Set granite boulder 25x6x5 -
for cor to Tps 1 & 2 N R 1 E & R 1 W.
Surface level
Soil clay in some places
white with alkali
Mesquit & greasewood bush - no grass

T, 2 N, R, 1 E, & R, 1 W - Meridian -

Chain

res 31 & 30

N. on a true line bet T, 2 N, R 1 E
and R 1 W.

Variation $13^{\circ} 20'$ East

40.00 Built around with pits and
chimed stak for gr, su, cor.

62.00 Arroyo - course S, 70° W. willow
bush along the banks and
green grass

80.00 Set granite boulder $17 \times 6 \times 6$ for
cor to res 25-30 31 & 36

Surface generally level

Soil 1st rate

Veg. Mesquit and greasewood,
bush and good grass in
many places green

2 N. R 1 E & R 1 W Meridian
 chains Mon a timber between sections 25 & 30
 40.00 Built mound with pits and
 charred stake for q. sec. cor.
 77.00 Arroyo course West-
 80.00 Set granite boulder 19x8x4
 for cor. to secs 19, 24, 25 & 30
 Surface level with indications
 that it is sometimes flooded,
 thick willow brush and
 good grass
 Soil 1st rate
 Jan 29th 1867

Mon a timber between secs 19 & 24
 40.00 Set Mesquit post and built
 mound with charred stake
 for q. sec. cor.
 80.00 Set granite boulder 20x8x7
 for cor. to secs 13, 18, 19 & 27

T. 2 N. R. 1 E. & R. 1 W. - Meridian

chains

Indications that the surface is sometimes flooded.

Thick willow brush & good grass
Soil 1st rate

~~Approximate line between sees 13 & 18~~
9.00 Agua Fria River 350 chms wide
course S 35° W, a few trees along
its banks

40.00 Sub-granite boulder 17x9x6 for
gr. sec. cor.

62.00 Road bet N.E. & S.W.

80.00 Sub-granite boulder 15x9x8
for cor. to sees 7, 12, 13 & 18

Surface level

Soil 1st rate - sandy - Good grass

Mequit & greasewood brush

F2N R1E & R1W Meridian

- chains
- 40.00 *Mona tumbini* bet. sections 7 & 12
Set post with mound and
charred stake for q. sec. cor.
- 69.00 *Arroyo* sand bed 3 ch wide
course S. 33° E.
- 80.00 Set granite boulder 11x10x9
for cor to secs 1, 6, 7 & 12
Line runs along the bottom of
the *Agua Fria* - Grass good
Soil sandy 2 rate
Surface level
-
- 7.80 *Mona tumbini* bet. secs. 1 & 6
Agua Fria Course S. 30° E.
Line follows sand bed 11 ch wide
- 40.00 Built mound with pits and
charred stake for q. sec. cor.
- 80.00 Set granite boulder 17x7x5
for cor to Tps 2 & 3 N R1E & 1 W.

T3 N. R1 E & R1 W. Meridian

chains

Soil 1st rate Grass good

^{secs 31 & 36}
 Non a true line bet. Tps 3 N. R1 E
 & R1 W.

Var. 13° 20' East

40.00 Set granite boulder 16x8x7 for
 gr. sec, cor.

77.00 Foot of hill on E. side of bottom

80.00 Set stone-granite boulder 19x8x7
 for cor to sec 25, 30, 31 & 36 on top
 of small hill from which

Mesquit tree has 5 in in diam base
 S. 75° W 230 lbs dist

Agua Fria 3 ch W.

Soil on bottom 1st rate

Veg. Mesquit-bush & good grass

T. 3 N. R. 1 E. & R. 1 W. - Meridian
chains

- 40.00 Monument line bet. secs 23 & 30
Set granite boulder 17x8x3 for
qr sec. cor.
- 80.00 Set granite boulder 19x7x3 for
cor to secs 19, 24, 25 & 30

Leave mesa and enter bottom
Soil gravelly 3rd rate

-
- Monument line bet. secs 19 & 24
- 13.00 Foot of hill bis N 20° W & S 20° E
- 16.00 Top of mesa
- 36.00 Begin to descend hill
- 37.30 Foot of hill bis N 13° E
- 40.00 Set granite boulder 16x8x3
for qr sec. cor.
- 50.00 Agua-Fria course S. 40° W. line
follows sand bed 11 chains
- 80.00 Set granite boulder 24x7x7
for cor to secs 13, 18, 19 & 24

15
T. S. N. RICE & R. H. - Meridian -

ch's

Surface 1st 40 chms rolling with
gravelly soil 3^d rate

2^d 40 chms level Soil except
a. bed sandy 2^d rate

A little grass no trees or brush

40.00

Mon a tunnel but: see 13 & 18
Set granite boulder 18 x 8 x 5
for ge. sec. cor. from which

An iron wood 8 in. in diam
bis N. 13° W. 130 chs dist.

42.00

Branch of Agua Fria course
S. 40 E, Sand bed 3 ch wide

80.00

Set granite boulder 19 x 9 x 5
for cor to sees 7, 12, 13 & 18

Surface level

Soil sandy 2^d rate but little grass

Sage brush & few trees

T. J. R. R. T. C. & R. M. Meridian

- chains *Monotomium* between sies 7 & 12
- 40.00 Set granite boulder 18x6x6
for gr. sur. cor.
- 64.00 Arroyo course S. E. 50 lks wide
- 68.00 Arroyo course S. E. 60 lks wide
- 80.00 Set granite boulder 18x9x4 2 1/2 lks
Soil cato. sies 1, 6, 7 & 12 as witness
for said cor, which is in an
arroyo 5 1/2 lks wide course E, from which
A mesquite tree 4 in in diam
is N 55° W from tree cor 130 lks dit
Surface level
Soil sandy 2' cato
Veg. greasewood brush a few
mesquite trees and some grass
-
- 4.00 *Monotomium* line between sies 1 & 6
Arroyo Sand bed 2 ch wide
course S. E.

T. 3 N. R. 1 E. 4 R. 1 1/2 - Meridian -

Chains

70.00 Set granite boulder 16x8x5.
for gr. sec. cor.

80.00 Set granite boulder 16x9x5 for
cor. to Tps 3 & 4 N. R. 1 E. 4 R. 1 1/2
Soil 2' rate

Grass good

Surface level

Jan. 30th 1867

J. & N. R. 1 E. & R. 1 W. Meridian
chains

From the established cor. of
Tps 3 & 4 N. R. 1 E. & 1 W. 2nd 1/4
N. on a true line bet^{ns} ^{sics 31 & 36} Tps 4 N.
R. 1 E. & R. 1 W.

Var. 13° 20' East

40.00 Set granite boulder 18 x 6 x 5.
for q. sec. cor.

80.00 Set granite boulder 18 x 7 x 6
for cor to sics 25, 30, 31 & 36

Surface level bottom

Soil 2 rate sandy

veg. Good grass and a little
greasewood brush

40.00 N. on a true line between sics 25 & 30
Set granite boulder 19 x 9 x 5
for q. sec. cor.

J. N. R. C. & P. W. Meridian

chains

80.00 Set granite boulder 15x14x6 for
 cor to sics 19, 24, 25 & 30
 Surface level good grass
 Soil good 2' rate

W. g. a. tumlin between sics 19 & 24

40.00 Set granite stone 20x8x6 with
 mound of stones for gr. sec. cor.
 Leave grassy bottom and
 enter high gravelly rolling
 table land

80.00 Set granite stone 19x9x7
 for cor to sics 13, 18, 19 & 24
 Surface 1st 40. chrs level
 with good grass
 2nd 40 chrs rolling Soil gravel
 2' rate Veg greasewood bush
 and cacti of various kinds

J. N. R. I. E. & R. W. Murdoch

Chairs
40.00 Monatlum lime bet. sics 13 & 18
Sub-granite stone 29x18x10
for gr. sec. cor.

80.00 Sub-granite stone 20x8x4 for
cor to sics 7, 12, 13 & 18

Rolling table land,

Soil gravel 3^d rate

Cacti & greasewood brush

40.00 ~~Monatlum lime between sics 7 & 12~~
Sub-granite stone 18x9x4
for gr. sec. cor.

80.00 Sub-granite boulder 15x12x6
for cor to sics 1, 6, 7 & 12

Surface rolling

Soil 3^d rate

Veg. greasewood brush
and dif. kinds of cacti

T & N. R. 1 E. & R. 1 N. Meridian -

- chains
- 40.00 Magnesian lim bit sees 1 & 6
 Sil-granite stone 20x10x3-
 for gr. sec. cor.
- 61.00 Wagon trail bis E & N.
 (Note) This trail is easily traced
 for 4 or 5 miles in either direction
 from this point - I erect a
 mound of earth on the N. &
 on the S. side of this trail on
 line in order that the cor
 of Tps 4 & 5 on Meridian
 may be more easily found
- 78.00 Anvys course S. 35° E.
- 80.00 Sil-granite boulder 24x9x7
 and built mound of stones
 for cor to Tps 4 & 5 - N. R. 1 E &
 R. 1 N.
 Grey sage brush & cacti
 Jan. 31st 1867

General Description
of Meridian first 24 miles N. of
Orinitia corner

A little of the land along
Salt River on this line is 1st
rate but the fact that there
is no water on or near the
rest of the line (the Agua Fria
being dry) renders it almost
valueless for agricultural
purposes

The Agua Fria is I suppose
dry along this line almost
throughout the year Good
grass in places along its
bottom

There is but very little timber
on this line which consists in a

very few scattering mesquit trees
valuable except for fuel

Keep. Oak (Fernald.)

I William H. Pinn deputy surveyor
do solemnly swear that in pursuance
of a contract with John A. Colombe
surveyor of the public lands of
the United States in the Territories of
New Mexico and Arizona bearing
date of Dec 15th 1866 and in strict
conformity to the laws of the United
States and the instructions furnished
by said Surveyor I have
faithfully surveyed a tract of
Salt River Meridian Survey the quarter
corner of the Gila River opposite the
mouth of the Salado N. twenty
four (24) miles in the Territory

24

of Arizona and do further
solemnly swear that the foregoing
are the true and original field
notes of such survey.

William H. Pierce
Deputy Surveyor

Sworn to and subscribed before
me this 29th day of March
1867.

W. W. Cuffin
Notary Public

Agua Fria
along the
riparian to



Surveyor General's Office,
Santa Fé, New Mexico,
March 30, 1867.

The foregoing Fieldnotes of the Survey of the Gila and Salt River Meridian north twenty-four miles from the initial point on the Base Line in the Territory of Arizona, district of New Mexico and Arizona, executed by William H. Pierce under his contract of the 15th day of December, 1866, in the month of January, 1867, having been critically examined, the necessary corrections and explanations made, the said Fieldnotes and the Survey they describe are hereby approved.

John A. Clark
Surveyor General