

See Index

No. 1255

BOOK 1255

1255

Field Notes

OF THE SURVEY OF

Extensions of Tps 3 & 4 ct. R. 14 E -
Tps 4 ct. R. 12 and 13 E - Tps. 4,
5 and 6 ct. R. 11 E - and Tps.
6 ct. R. 10 East -

~~See Index~~ ^{but}

BOOK 1255
No. 1255

Gila and Salt River Base and Meridian

ARIZONA.

By Thos. F. White D. S.

Under contract dated Aug 27, 1880.

Survey commenced April 18, 1881.

Survey completed April 26, 1881.



BOOK 1255

T. 7 N., R. 10 E.

31 32 33 34 35 36

2 3 4 6 7 8

6 5 4 3 2 1 10 6

12 1 1 7

T. 6 N., R. 10 E.

13 12 18

24 13 14

25 14 30

34 35 36 1 5 31 32 33 34 35 36

x 20 19 18 29 28 30 31 32 33

3 2 12 5 6 5 4 3 2 3 6 1

12 2 4 7

11 3 7 12

T. 5 N., R. 10 E.

13 2 5 18

T. 5 N., R. 11 E. 40

14 3 8 13

24 4 1 19

25 4 2 30

36 4 3 31

14 5 6

12 4 7 7

T. 4 N., R. 11 E.

13 2 5 18

T. 4 N., R. 12 E.

13 8 6 18

24 3 4 19

25 8 3 30

1st St. Par. N.

1 8 8 6

12 3 7 7

T. 4 N., R. 13 E.

24 3 4 19

25 8 3 30

1 5 0 6

12 5 1 7

13 5 3 18

24 5 4 19

25 5 5 30

35 34 2 31 32 33 34 35 36 5 7 31 32 33

x 81 80 77 75 74 73 71 70 65 67 68 x

2 1 6 5 4 3 2 1 6 0 6 5 4

12 6 1 7

T. 3 N., R. 12 E.

T. 3 N., R. 13 E.

13 6 2 13

T. 3 N., R. 14 E.

18

255

BOOK 1255

Page
1-9
10-17
18-22
23-26
27-30
31-34
35-38
39-42
43-46
47-50
51-54
55-58
59-62
63-66
67-70
71-74
75-78
79-82
83-86
87-90
91-94
95-98
99-102
103-106
107-110
111-114
115-118
119-122
123-126
127-130
131-134
135-138
139-142
143-146
147-150
151-154
155-158
159-162
163-166
167-170
171-174
175-178
179-182
183-186
187-190
191-194
195-198
199-202
203-206
207-210
211-214
215-218
219-222
223-226
227-230
231-234
235-238
239-242
243-246
247-250
251-254
255-258
259-262
263-266
267-270
271-274
275-278
279-282
283-286
287-290
291-294
295-298
299-302
303-306
307-310
311-314
315-318
319-322
323-326
327-330
331-334
335-338
339-342
343-346
347-350
351-354
355-358
359-362
363-366
367-370
371-374
375-378
379-382
383-386
387-390
391-394
395-398
399-402
403-406
407-410
411-414
415-418
419-422
423-426
427-430
431-434
435-438
439-442
443-446
447-450
451-454
455-458
459-462
463-466
467-470
471-474
475-478
479-482
483-486
487-490
491-494
495-498
499-502
503-506
507-510
511-514
515-518
519-522
523-526
527-530
531-534
535-538
539-542
543-546
547-550
551-554
555-558
559-562
563-566
567-570
571-574
575-578
579-582
583-586
587-590
591-594
595-598
599-602
603-606
607-610
611-614
615-618
619-622
623-626
627-630
631-634
635-638
639-642
643-646
647-650
651-654
655-658
659-662
663-666
667-670
671-674
675-678
679-682
683-686
687-690
691-694
695-698
699-702
703-706
707-710
711-714
715-718
719-722
723-726
727-730
731-734
735-738
739-742
743-746
747-750
751-754
755-758
759-762
763-766
767-770
771-774
775-778
779-782
783-786
787-790
791-794
795-798
799-802
803-806
807-810
811-814
815-818
819-822
823-826
827-830
831-834
835-838
839-842
843-846
847-850
851-854
855-858
859-862
863-866
867-870
871-874
875-878
879-882
883-886
887-890
891-894
895-898
899-902
903-906
907-910
911-914
915-918
919-922
923-926
927-930
931-934
935-938
939-942
943-946
947-950
951-954
955-958
959-962
963-966
967-970
971-974
975-978
979-982
983-986
987-990
991-994
995-998
999-1002

Copied

1255 1B

BOOK 1255

~~Contents~~

Index

~~Field Book~~
of
~~Notes~~

But.	T	N	R.	E.	Page
	6+7	N	10	E	1-6
"	6	N	10+11	"	10-17
"	5+6	N	10	"	→ Final - 15-22
"	5	N	10+11	"	" - 23-24
"	5+6	N	11	"	27-33
"	5	N	11+12	"	→ Final - 41-47
"	4	N	11+12	"	" - 45-49
"	4	N	13+14	"	- 50-59
"	3	N	13+14	"	→ Final - 60-67
"	3+4	N	14	"	" - 65-67
"	3+4	N	13	"	- 70-77
"	3+4	N	12	"	→ Final - 78-81
"	4	N	12+13	"	- 82-87

East Bdy T, N, R, E. → Final, - 55-60

10 Preliminary Oaths of Assistants.

We, Richard Shrope
 and Samuel N Van Pelt
 do solemnly swear that we will faithfully execute
 the duties of Chain Carriers; that we will level the
 chain upon uneven ground, and plumb the tally
 pins, whether by sticking or dropping the same;
 that we will report the true distance to all notable
 objects, and the true length of all lines that we as-
 sist in measuring, to the best of our skill and
 ability.

Richard Shrope
Samuel N Van Pelt

Sworn to and subscribed before me, this 4th
 day of April, 1877

William J. Osburn
 Notary Public
 Lima Co., N.Y.

We, *Frank Carpenter, William Morrison, and C. H. Patchett*

do solemnly swear that we will well and truly perform the duties of *Axman, Moundman and Hagman* respectively according to instructions given us, and to the best of our skill and ability.

Frank Carpenter

*William Morrison
C. H. Patchett*

Sworn to and subscribed before me this *4th* day of *April*, 18*81*

William J. O'Leary
Notary Public
Iowa Co. Ia.



No. 1255

BOOK 1255

Between Tps 6 and 7 N. Range 10 E. ^{1/2}
Gila & Salt River Meridian.

Preliminary to commencing
the survey under Contract N^o.
55. dated August 27.th 1880.

I at noon April 17. 1881

took a careful observation
on the sun for latitude on
line of the N. Boundary of
Tp. 6 N. R. 10. E. with my in-
strument which is a Burt's
Improved Solar compass.

Having obtained the instru-
mental latitude I find the
variation of the needle at
my starting point to be

Var. $14^{\circ} 18' E.$

allowing for instrumental error
as found by comparing my
instrument with the U. S.
Standard Meridian at
Tucson.

Between Tps 6 & 7 N. Range 10 E.

G. & S. R. M.

Chs

I also took an observation on Polaris and found the Meridian so established to agree precisely with the Meridian projected by Solar observation.

I commenced April 18, 1880 at the cor. to Tps. 6 & 7 N.

Ranges 9 & 10 E. which is a granite stone standing 12 ins. above ground 8 + 4 ins. with end of earth alongside and pits. from which bears a Pinon tree N. 33° W. 165 lks dist.

a Pinon tree N. 18° E. 373 lks dist.

Thence I run ^{on true line} East N. Boundary of Sec. 6. T. 6 N. R. 10 E.

Var. 14° 18' E.

Descend E. from slope of Reno Mountains.

39.01 Set a Granite rock 11 + 10 + 6 ins.

Between T. 6 + 7 N. Range 10 E.
G. & S. R. M.

chs

8 ins. in the ground, and build
mid of earth 2 ft high, with pits
18 + 18 + 12 ins. as per instructions
for 1/4 sec. cor.

79.01 Set a granite stone 13 + 9 + 6 ins.
10 ins. in the ground, and build
mid of earth 2 ft high, as per
instructions, with pits 18 + 18 + 12
ins. for. Cor. to Secs. 5. 6. 31 + 32.
allowing 99 lbs for convergency
at this place.

Descending E. from Slopes of
Reno Mts. Soil 2 + 3 rate
Brush & Scattering trees.

East on true line bet. Secs. 5 + 32
Var. $14^{\circ} 18' E.$

40.00 Set a granite stone 12 + 10 + 5 ins.
9 ins. in the ground, and

Between T. 6 & 7 N. R. 10 E.

Gx S. R. M.

chs

build mid of earth 2 ft high,
with pits 18+18+12 ins. as per
instructions for 1/4 sec. cor.

8000

Set a granite stone 24+20+8 ins.
18 ins. in the ground and build
mid of stone as per instructions
near edge of mesa, extending
S. E. for cor. to Secs. 4, 5, 32+33
from which bears.

A Mesquite 8 ins. dia. N. 56° W. 150 lks dist.

A Mesquite 6 ins. dia. N. 15° E. 262 lks dist.

Unwever Soil 2^d rate

Brushy, some scattering
trees.

East on true line bet. Secs. 4 & 33

Var. 14° 18' E.

4000

Set a post marked 1/4 S. 4 ft long
flattened 3 cm. wide, with

Between T. 6 & 7 N. R. 10 E.
 G & S. R. M.

ch

marked stone 12 ins. in the ground
 and build end of earth 2 ft high
 north pits 18+18+12 ins. as per instr.
 sections for 1/4 Sec. cor. from
 which bears.

a mesquite 6 ins. dia. S. 38° E. 158 lbs dist

a mesquite 14 ins. dia. N. 23° E. 258 lbs dist

61.00 Top of ridge extending N & descend
 8000 ft volcanic rock 24+10+8 ins. 18 ins.

in the ground, and build end
 of stone 2 ft high, as per instructions
 for cor. to Secs. 3, 4, 33 & 34,
 from which bears.

a juniper 14 ins. dia. N. 49 1/2 W. 228 lbs dist.

Broken soil 2^d set

Brushy. Scattering trees.

Between T. 6 + 7 N. R. 10 E.
 G. + S. R. M.

obs.

East on true line bet. Secs 3, + 34
 Var. $14^{\circ}16' E.$

as per observation with Solar
 Compass.

1.00 Dry wash 20 lks wide, course S. E.

40.00 Set a granite stone $15 \times 8 \times 8$ ins. 10 ins.
 in the ground, and build up
 of earth 2 ft high, with pits $18 \times 18 \times 12$
 ins. as per instructions for $1/4$ sec.
 cor. from which bears.

A Juniper 15 ins. dia. S. $75^{\circ} W.$ 90 lks dist

A Juniper 15 ins. dia. S. $10^{\circ} W.$ 65 lks dist.

72.00 Top of high ridge 75 ft high, extending
 N. and desc end.

80.00 Set a granite stone $20 \times 14 \times 6$ ins. 15 ins.
 in the ground, and build up of
 stone 2 ft high, as per instructions
 for cor. to Secs. 2. 3. 34 + 35.
 from which bears.

A Mesquite 3 ins. dia. S. $10^{\circ} E.$ 20 lks dist

Between T. 6 & 7 N. R. 10. E.
 G. & S. R. M.

chs

a mesquite 3 ins. dia. N. 30° E. 25 lbs dist.
 Broken Soil 2^d rate
 Scattering trees, & brush.

East on true line bet. Secs. 2 & 35
 Var. 14° 16' E.

- 1.25 Road along Tonto Valley runs N & S.
 4.50 Leave mesa & enter Creek Bottom
 10.00 Tonto Creek 80 lbs wide runs E. of S.
 33.00 Ascend from Creek Bottom
 40.00 Set a post marked 1/4 S. 4 ft long
 flattened 3 ins. wide, with marked
 stone 12 ins. in the ground, and
 build end of earth 2 ft high, with
 pits 18 + 18 + 12 ins. as per instructions
 for 1/4 Sec. cor. from which bears.
 A Cottonwood 12 ins. dia. N. 60° E. 35 lbs dist.
 A Cottonwood 12 ins. dia. S. 31° W. 63 lbs dist.
 80.00 Set a granite ^{stone} 18 + 8 + 6 ins. 12 ins. in

Between T. 6 + 7 N. R. 10 E.
 G. + S. R. M.

Chs

the ground, and build md of earth
 2 ft high, with pits 18+18+12 ins.
 as per instructions for Cor. to Secs.
 1. 2. 35. + 36.

Flat Mesa + Creek Bottom
 Rich land along Creek Bottom
 Cottonwood + Mesquite timber.

East on true line bet. Secs. 1 + 36.

40.00 Set granite stone ^{Var. 14° 16' E.} 14+10+8 ins. 10 ins.
 in the ground, and build md
 of earth 2 ft high, with pits
 18+18+12 ins. as per instructions
 for 1/4 Secs. Cor.

70.00 Pass over S. slope of hill.

80.00 Set a granite stone 16+10+8 ins.
 12 ins. in the ground, and build
 md of stone 2 1/2 ft high, as per
 instructions for township Cor.

Between T. 6 x 7 N. R. 10. E.
 G x S. R. M.

chs $\frac{1}{2}$ townships 687 N. R. 10 & 11 E.

Mostly smooth sloping a
 little W. Soil good & 2 d. rate
 No timber.

General Description.

This line commences on E. slope
 of Mazatzal Mts. Descending
 it crosses Tonto Creek and on
 to the mesa beyond. The surface
 is broken on W. end, then flat.
 There is good soil along Tonto Creek
 and some timber.

The line passes about a mile and
 a quarter N. of old Camp Reno.
 on the N. Boundary of Sec. 5.

Theodore S. White
 U. S. Deputy Surveyor.

Between T. 6 N. R. 10 + 11 E.
G. + S. R. M.

chs

From cor. to Tps 6 + 7 N. Rps 10 + 11 E.
first established by me, 2 mm.
S. on E. Boundary of Sec 1.
Var. 14° 15' E.

as per observation with Solar Compass.

12.50 Dry wash 10 lks wide course S.W.

40.00 Set a granite ^{stone} 10 + 8 + 6 ins. 7 ins. in
the ground and build mid of
earth 2 ft high, with pile 18 + 18 + 12
ins. as per instructions for 1/4 sec
cor. from which bears.

a Juniper 12 ins. dia. N. 20° W. 59 lks dist.

44.50 Dry Wash 10 lks wide course W.

72.60 To edge of bluff and descend

80.00 Set a granite ^{stone} 12 + 10 + 8 ins. 8 ins.
in the ground, and build mid
of stone 2 ft high, with marked
stone 12 ins. in the ground, as
per instructions for Cor. to Secs.
1. 6. 7. & 12. This is on S. W. end

Between N. 6th R. 10 & 11. E.
 G & S. R. M.

chs.

offill.

Some broken Soil 2^d rate
 No timber.

South between Secs. 7 & 12.

Var. $14^{\circ} 15' E$.

16.00 Cross Dry Wash 10 ft wide
 course S. W.

40.00 Set a granite stone $15 \times 12 \times 5$ ins.
 10 ins. in the ground & build
 md of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per west.
 sections for $1/4$ Sec. cor. from
 which bears.

A Mesquite 6 ins. dia. N. $24^{\circ} E$. 27 1/2 ft dist

80.00 Set volcanic rock $18 \times 14 \times 6$ ins.
 12 ins. in the ground, and build
 md of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per west

Between T. 6 N. R. 10 + 11 E
G + S. R. M.

chs

sections for Cor. to Secs. 7. 12.

13 + 18. from which bears.

A Mesquite 3 ins. dia. S. 79° W. 36 lks dist.

A Mesquite 3 ins. dia. S. 30° W. 62 lks dist.

Mostly flat. Soil good

& 2^d rate No timber.

South between Secs. 13 + 18

Var. 14° 15' E.

40.00 Set a granite stone 18 + 10 + 8 ins.

12 ins. in the ground, and build

rod of stone 2 ft high, with

marked stone 12 ins. in the

ground from which bears.

A Mesquite 3 ins. dia. S. 60° E. 33 lks dist

A Mesquite 4 ins. dia. N. 30° W. 206 lks dist.

80.00 Set a granite stone 16 + 12 + 4 ins.

11 ins. in the ground, and build

rod of earth 2 ft high, with pits

Between T. & N. R. 10 + 11 E.
G + S. R. M.

chs

18+18+12 ins. as per instructions
for cor. to Secs. 13. 18. 19 + 24
Smooth sloping S. W.
Soil 2^d rate Brushy
No timber.

South between Secs. 19 + 24
Var. $14^{\circ} 15' E$.

- 40.00 Set a post marked $\frac{1}{4}$ S. 4 ft
long, flattened 3 ins. wide, and
build mid of earth, 2 ft high,
with pits 18+18+12 ins. as per
instructions for $\frac{1}{4}$ Sec. cor.
- 67.00 Descend to lower bench of mesa.
- 80.00 Set a granite stone 12+10+8 ins.
8 ins. in the ground, and build
mid of earth 2 ft high, with
pits 18+18+12 ins. as per inst.
rections. for. Cor. to Secs.

Between T. 6 N. R. 10 + 11 E.
 Cy + S. R. M.

chs

19. 24. 25 + 30. from which bro.
 a mesquite 8 ins. dia. S. 15° E. 338 lbs dist.
 A mesquite 10 ins. dia. N. 47° W. 397 lbs dist.
 Smooth sloping S. W.
 Soil 2^d rate
 No timber, Branch

South between Secs 25 + 30
 Var. 14° 15' E.

- 40.00 Set granite rock 13 + 7 + 6 ins.
 9 ins. in the ground, and build
 mid of earth 2 ft high, with
 pits 18 + 18 + 12 ins. as per inst.
 monuments for 1/4 Sec. Cor.
- 76.00 Gulch 2000 wide, course S. W.
- 80.00 Set volcanic rock 20 + 12 + 7 ins.
 15 ins. in the ground, and
 build mid of stone 2 ft high
 with marked stone 12 ins.

Between S. 6 N. R. 10 + 11 E.
G + S. R. M.

chs

in the ground, as per instruct.
ions for Cor. to Secs. 25, 30, 31, & 36.
This is on edge of bluff bank
surrounding S. W. & overlooking
Creek bottom.
Smooth, Soil 2^d rate
No timber.

South between Secs. 36 + 31
Cor. 14° 15' E.

- 2.00 Leave mesa & enter Creek bottom
13.00 Dry Wash 200 yds wide across S. W.
17.90 Road along bottom across N. W.
23.00 Enter lower bench of Creek bottom.
40.00 Set a post marked 1/4 S. 4 ft long
flattened 3 in. wide, with marked
stone 12 in. in the ground, and
build end of earth 2 ft high, with
pts 18 + 18 + 12 in. as per instructions

Between S. 6 N. R. 10 & 11. E.
 G. & S. R. M.

chs

for 1/4 Sec. cor. from which m.
 A Mesquite 3 ins. dia. N. 80° W. 272 lbs dist.
 An Ash. 9 ins. dia. S. 22° E. 98 lbs dist.

- 46.10 Irrigating ditch, course S. E.
- 30.00 Parts Creek 100 yds wide course S. E.
- 80.00 Set a post marked & notched,
 4 1/2 ft long, 4 ins. sq. with marked
 stone 12 ins. on the ground, &
 build md of earth 2 1/2 ft high
 with pits, 18 + 18 + 12 ins. as per
 instructions for 1p. Cor. from
 which bears.

A Cottonwood 24 ins. dia. N. 63° E. 56 lbs dist
 A Willow. 8 ins. dia. S 2° W. 232 lbs dist.

Last half in Creek bottom
 level, soil good.

Cottonwood & Willow along
 Creek

April 18. 1881

Between T. 6 N. R. 10 + 11 E.
G + S. R. M.

General Description.

The foregoing six miles, is mostly on mesa land, on S. end it enters bottom of Pinto creek and crosses the Creek

There is good land along Pinto creek, the mesa land is mostly 2^d rate, No timber on mesa.

Theodore H. White
U. S. Deputy Surveyor.

Between T. 5 & 6 N. Range 10 E.
G. & S. R. M.

Chs

From the cor. to Tps. 5 & 6 N.
R. 10 & 11 E. first established
by me, I run.

West between Secs 1 & 36
Var. 14.15' E.

As per observation with Solar Compass

7.00 Leave Creek bottom & ascend
Mesa.

9.00 Top of mesa.

37.00 Dry wash 20 lks wide course N. E.

40.00 Set a granite ^{stone} 18 + 12 + 10 ins. 12. ins.

in the ground, and build mid
of stone 2 ft high, with marked
stone 12 ins in the ground, as
per instructions for 1/4 Sec. cor.
from which bears.

A Blackberry 6 ins. dia. N. 48° E. 61 lks dist

A Lycamore 10 ins. dia. S. 15° W. 223 lks dist

57.50 Run along N. slope of hill.

77.00 Top on line of N. slope

Between T. 5+6 N. Range 10 E.
G. + S. R. M.

ch
20.00 Set Igneous rock 24+18+12 ins.
18 ins. in the ground, and build
mid of stone 2 ft high, with
marked stone 12 ins. in the ground
as per instructions for cor. to
secs. 1. 2. 35 + 36.
Some broken on N.
Good soil. on E.
Cottonwood, Lycamore + Willow
+ Hackberry along Creek.

Nest between Secs. 2 + 35.
Var. 14° 15' E.

40.00 Set Igneous rock 12+11+8 ins.
8 ins. in the ground, and build
mid of earth 2 ft high, with
pits 18+18+12 ins. as per inst.
structions for 1/4 Sec. cor.
80.00 Set Igneous rock 13+10+7 ins.

Between T. 5 & 6 N. Range 10 E.
G & S. R. M.

chs

9 ins. in the ground, and build
mid of earth 2 ft high, with
pits 18 + 18 + 12 ins. as per
instructions for Cor. to Secs.
2. 3. 34 & 35.

Sloping E. Some broken
soil 2^d rate.

No timber.

West bet. Secs. 3 & 34

Var. 14° 15' E.

4000 Set Igneous rock 14 + 9 + 8 ins.

10 ins. in the ground, and
build mid of earth 2 ft high
with pits 18 + 18 + 12 ins. as per
instructions for 1/4 Sec
cor.

8000 Set Igneous rock 12 + 8 + 7 ins.
8 ins. in the ground, and

Between T. 5+6 N. Range 10 E.
G & S. R. M.

chs
build end of earth 2 ft high,
with pits 18+18+12 ins. as per
instructions for Cor. to Secs.
3. 4. 33 & 34.

Sloping E. Broken, Soil poor.
No timber, some brush.

Further W. the line lies, on the
Reno Mts. The land is utterly
worthless, and is not surveyable.

General Description.
The foregoing line leaves
the Porto Creek bottom,
and ascends towards the
slopes of the Mazatzal Range.
There is some good soil on
E end, then it becomes
poor. No timber

Between T. 5 & 6 N. Range 10 E.
G. & S. R. M.

chs

except along creek.

Theodore H. White

U. S. Deputy Surveyor.

Between P. 5 N. R. 10 & 11 E.
 G. & S. R. M.

Ch X

From the Cor. to P. 5 & 6. N. R. 10 & 11 E. first set by me
 7 mm.

South or West Boundary of
 Sec. 6. between Sec 1. 6.

Var. $14^{\circ} 15' E.$

As per observation of Solar compass.

4.00

Leave Creek bottom.

25.00

Enter Mesa land

40.00

Set Igneous rock $14 \times 10 \times 8$
 ins. 10 ins. in the ground, and
 build md of earth 2 ft high,
 with pits $18 \times 18 \times 12$ ins. as per
 instructions for $\frac{1}{4}$ Sec. cor.

80.00

Set Igneous rock $15 \times 9 \times 7$ ins
 10 ins. in the ground, and
 build md of earth 2 ft high,
 with pits $18 \times 18 \times 12$ ins. as per
 instructions for Cor. to Secs.
 1. 6. 7 & 12.

Between T. & N. Ranges 10 x 11 E.
 G x S. R. & M.

chs

Broken, Soil poor.
 No Timber.

South between Secs. 7 & 12
 Cor. $14^{\circ}15' E.$

40.00 Set Igneous rock $12 \times 7 \times 7$ ins
 8 ins. in the ground, and
 build mid of earth 2 ft high
 with pits $18 \times 18 \times 12$ ins. as
 per instructions for $\frac{1}{4}$ Sec
 cor.

80.00 Set Igneous rock $13 \times 8 \times 6$ ins.
 9 ins. in the ground, and build
 mid of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per instructions
 for cor. to Secs. 7. 12. 13×18 .
 Broken mesa land, Soil poor.
 No timber.

Between T. 5 N. Ranges. 10 & 11 E
 G. & S. R. M

ch
 South between Secs. 13 & 18
 Cor. $14^{\circ}15' E$.

4000 Set Igneous rock $14 \times 10 \times 6$ ins
 10 ins. in the ground, and build
 mid of earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. approx instructions
 for $1/4$ Sec. cor.

8000 Set Igneous rock $12 \times 9 \times 6$ ins.
 8 ins. in the ground, and build
 mid of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. approx. in-
 structions for Cor. to Secs.

13, 18, 19, & 24.

Broken Mesa, Soil poor.
 No timber.

Further S. the land becomes
 utterly worthless, and is not
 surveyable.

Between B. N. Ranges 10 & 11 E.
G. & S. R. & M.

General Description.

after leaving Pinto Creek
bottom, the line lies on
broken mesa, Soil poor.
& no timber.

Theodore H. White
U. S. Deputy Surveyor.

No. 1255

Between Tpo. 546, N. Range 11 E.
G. + S. R. M.

chs

From the Cor. to Tpo. 546, N.
Rs 10 + 11 E. post set by me
I mm.

East between Secs. 6 + 31.

Var. $14^{\circ} 15' E.$

As per Solar Compass.

34.00

To the creek 100 lbs wide corral E of.

39.51

Set a post marked $1/4 S.$ 4 ft long
flattened 3 ins. wide, with unmarked
stone, 12 ins. in the ground, and
build mid of earth 2 ft high,
with pits 18 + 18 + 12 ins. as per
instructions for $1/4$ sec. cor.
from which bears.

A Perais 6 ins. dia. S. $15^{\circ} N.$ 52 lbs dist

A Cottonwood 36 ins. dia. N. $25^{\circ} E.$ 304 lbs dist.

67.00

Road along bottom corral N + S.

70.50

Irrigating ditch corral,
a Ranch house 12 chs S.

79.51

Set a post marked + watched

Between Tps 5 & 6 N. Range 11 E.
 G. & S. R. M.

chs

4 ft long 4 in sq. with marked
 stone 12 in. in the ground, and
 build and of stone 2 ft high, as
 per instructions for Cor. to Secs.

5.6. 31 + 32. from which bear.
 a Mesquite 3 in. dia. S. $11\frac{1}{2}^{\circ}$ W. 36 lbs dist.
 a Mesquite 12 in. dia. S. 9° E. 155 lbs dist.
 a Mesquite 8 in. dia. N. 26° E. 98 lbs dist.
 49 lbs is allowed at this point
 for convergence.

In creek Bottom Rich soils
 some Mesquite timber & brush.

East between Secs. 5 & 32.
 Var. $14^{\circ} 15'$ E.

- 1.50. Leave Creek Bottom
 2.50 Rise on mesa.
 31.50 Dry wash 100 yds wide course S. W.
 40.00 Set a granite ^{stone} $12 \times 10 + 8$ in. 8 in.

Between Tps 5 & 6 N. Range 11 E.
 G. + S. R. M.

Chs

in the ground, and build md
 of stone 2 ft high, with marked
 stone 12 ins. in the ground, as
 per instructions for $\frac{1}{4}$ Sec. cor.
 from which bears.

a Palo Verde 4 ins. dia. N. 20° W. 195 lps dist

55.50 Dry wash 200 lps wide course E off.

67.50 Dry wash 200 lps wide course E off.

8000 Set granite stone 15 x 8 x 6 ins. 10 ins.

in the ground & build md of
 stone 2 ft high, with marked
 stone 12 ins. in the ground, as per
 instructions for cor. to Secs 4, 5,
 32 & 33. from which bears.

a Cedar 8 ins. dia. S. $72\frac{1}{2}^{\circ}$ W. 204 lps dist

Slopes W. Some broken on E.

end, Soil 2d rate.

No timber some brush.

Between Tps 5 & 6 N. Range 11 E.
 G. & S. R. M.

Ch

East between Secs. 4 & 33.

Var. $14^{\circ}15'E$

- 40.00 Set a granite stone $20 \times 15 \times 8$ ins.
 14 ins. in the ground, and
 build end of stone 2 ft high,
 with marked stone 12 ins. in
 the ground, as per instructions
 for $1/4$ Sec. cor. from which bears
 a Cedar 14 ins. dia. N. $11^{\circ}E$, 208 lks dist.
 a Cedar 12 ins. dia. N. $52^{\circ}E$, 223 lks dist.
- 42.00 Along bend of Greuback Creek
 running S. W.
- 80.00 Set Igneous rock $16 \times 14 \times 5$ ins.
 10 ins. in the ground, and build
 end of stone 2 ft high, with
 marked stone 12 ins. in the
 ground, as per instructions
 for cor. to Secs. 3, 4, 33 & 34
 from which bears.
 a Mesquite 14 ins. dia. S. $65^{\circ}W$, 139 lks dist.

Between Tps 576 N. Range 11 E.
G. & S. R. M.

ch
Pecote Cms. dia. North 46 lbs dist.
Last half mile in Bottom
of Greecuback Creek.
good soil
Mesquite & Brush.

East between Secs. 3 & 34
Var. $14^{\circ} 15' E.$

9.00 Dry Wash 60 lbs wide course S. E

20.00 Top of ridge 50 ft high,
extending S. E.

25.00 Dry wash 20 lbs wide course S.

40.00 Set Igneous rock $14 \times 8 \times 6$ in.
10 in. in the ground, and
build mid of stone 2 ft high,
with marked stone in ground
as per instructions for $1/4$ Sec
Cor. from which bears.

a Mesquite 10 in. dia. S. $50^{\circ} E.$ 72 lbs dist.

Between Tps 5 & 6 N. Range 116
G. & S. R. M.

Ch

80.00 Set a granite stone $14 \times 14 \times 12$ ins.
10 ins. in the ground, with marked
stone, and build end of stone
2 ft high as per instructions
for Cor. to Secs. 2, 3, 34 & 35,
from which bears.

a Palo Verde 5 ins. dia. N. 75° E. 77 lbs dia
slipping N. along N. side of
bottom of Greenback Creek
Soil good in Bottom.
Brush & Scattering trees.

East between Secs. 2 & 35.

Nor. $14^\circ 15' E$.

40.00 Set a post marked $1/4$ S. 4 ft
long flattened 3 ins. wide, with
marked stone 12 ins. in the
ground, & build end of stone
2 ft high, as per instructions

Between Tps 576 N. Range 11 E.
 G. & S. R. M.

chs

for $\frac{1}{4}$ Sec cor.

59.60 Ascend high table land
 80.00 Near edge of table land,
 on E. side of a Break
 Set Igneous rock $15 \times 12 \times 8$ ins.
 10 ins. in the ground with
 marked stone, and build
 end of stone $2\frac{1}{4}$ high, as per
 instructions for Cor. to Secs.
 1.2. 35 & 36. from which bears
 a Palo Verde 4 ins. dia. $S 80^\circ E$. 233 lbs dist.
 Some broken table land
 Soil 2^d rate.
 No timber.

East between Secs. 14 & 36
 Var. $14^\circ 15' E$.

40.00 Set Igneous rock $12 \times 10 \times 8$ ins.
 8 ins in the ground with

Between Tps 5 & 6 N. Range 11 E.
G. & S. R. M.

cha

marked stone, & build in d
of stone 2 ft high, as per
instructions for 1/4 Sec. cor.
from which bears.

a Palo Verde 5 ins. dia. East. 64 lks dist.

a Corral home bears S. W. 15 chs dist.

Further East immediately
descend into precipitous
Cañon of Greenback Creek
and ascend W. Slope of

Sierra Aucha Mountains

The land is worthless further
E. and is not surveyable.

Broken Soil poor. along
line No timber

April 19. 1881

Between Tps 5 & 6 N. Range H & E
G. & S. R. M.

General Description.

The foregoing line crosses
Tonto Creek, and then over
Mesa, and along N. of dry
channel of Greentack
Creek. There is good soil
along Tonto Creek with
timber, there is also some
timber, mesquite, cotton-
wood & Hackberry along
Greentack Creek.

Theodore J. White
U. S. Deputy Surveyor.

In lieu of E. Boundary of
T. 5 N. R. 11 E.
G. S. R. M.

In lieu of a portion of the
E. B. of Tp. which lies on
precipitous mountain slopes,
the land utterly worthless
and not surveyable.

I start at the cor. to Secs.

1. 2. 3. 5 & 36. on north

Boundary and run

South between Secs. 1 & 2.

Var. $14^{\circ} 15' E.$

verified by observation
with Solar Compass.

15.00 Leave Mesa & descend into bottom

23.00 Greencack Creek takes wide
course W.

30.00 Leave Bottom & enter mesa

40.00 Set a granite ^{stone} $12 \times 12 \times 12$ ins. &
ins. in the ground, ~~with~~ marked
stone, and build end of
stone 2 ft high, as per instruction

In lieu of E. Boundary of
 D. S. R. 11 E.
 G. L. S. R. M.

chs

ions for 1/4 Sec. Cor. from
 which bears.

a Palo Verde 3 ins. dia. N. 40° W. 28 lks dist

A Mesquite 3 ins. dia. S. 15° E. 76 lks dist.

80.00 Set a granite $15 \times 8 + 6$ ins. 10 ins. in
 the ground, ~~with marked stone,~~
 and build end of stone 2 ft high,
 as per instructions for Cor. to Secs.
 1. 2. 11 + 12 from which bears.

a Palo verde 4 ins. dia. N. 10° W. 103 lks dist

a Palo verde 4 ins. dia. N. 75° E. 120 lks dist.

good soil along Creek.

Scattering trees, & brush.

South between Secs. 11 + 12.

Var. 14° 15' E.

20.32 Bluff Bank extending S. W.

40.00 Set igneous rock 40 + 20 + 15 ins

30. ins. in the ground, with

In lieu of C. Boundary of
 T₅ N. R. 11 E.
 G. + S. R. M.

chs

marked stone, and build
 end of stone 2 ft high, as per
 instructions for 1/4 Sec. Cor.
 42.69 Ascend to top of high mesa.
 80.00 Set Igneous rock 18 x 15 x 4 ins.
 12 ins. in the ground, with marked
 stone, and build end of stone
 2 ft high, as per instructions for
 Cor to Secs. 11. 12. 13 & 14.
 This is near edge of mesa,
 extending N. of S.
 Broken & flat mesas.
 Soil poor.
 No timber.

South between Secs. 13 & 14
 Tar. 14° 15' E.

27.00 Dry Wash 70 lb wide course S. M.
 40.00 Set Igneous rock 20 x 15 x 12 ins.

In lieu of E. Boundary of T. 5 N.
R. 11. E.
S. & S. R. M.

15' in. in the ground, and build
rod of earth, with pits 18+18+12
in. as per instructions for 1/4 Sec
cor.

Set Igneous rock 24+20+4 in.
18 in. in the ground, with
marked stone, and build
rod of stone 2 ft high, as per
instructions for cor. to Secs.
13. 14. 23 + 24.

Along S. W. slopes of Sierra
Aucha Mt. soil poor.

No timber.

East of this, along E. boundary
the land begins to improve
some, so I turn
East.

In lieu of E' Boundary of
 P. 5 N. R. 11. E.
 G. & S. R. M.

chs

East on true line bet. Secs. 13 & 24.
 Var. 14° 15' E.

40.00 Set Igneous rock 12 × 10 × 8 ins.
 8 ins. in the ground, with
 marked stone, and build
 rid of earth 2 ft high, with
 pits 18 × 18 × 12 ins. as per inst.
 sections for 1/4 sec. cor.

80.00 Set Igneous rock 14 × 9 × 6 ins.
 10 ins. in the ground, with
 marked stone, and build
 rid of earth 2 ft high, with
 pits 18 × 18 × 12 ins. as per inst.
 sections for cor to Secs.

13. 18. 19 & 24.

Mesa land

Soil 2^d rate

No timber.

Between T. 5 N. Ranges 11 & 12 E
 G & S. R. M.

chs
 South between Secs. 19 & 24
 Var. $14^{\circ} 12' E$.

as per observation with Solar
 Compass.

40.00 Set Igneous rock $12 \times 10 \times 6$ ins.
 8 ins. in the ground with marked
 stone, and build md of earth
 2 ft high, with pits $18 \times 18 \times 12$ ins.
 as per instructions for 1/4 Sec
 Cor.

00.00 Set Igneous rock $13 \times 9 \times 6$ ins.
 10 ins. in the ground, with
 marked stone, and build
 md of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per
 instructions for Cor. to Secs.

19, 24, 25 & 30.

Mesa land Soil 2^d rate

No timber

Between T. S. N. Ranges 11 & 12 E.
 G. & S. R. M.

chs

South between Secs. 25 & 30.
 Twp 14° 12' E.

40.00 Set Igneous rock 11 x 8 x 7 ins.
 8 ins. in the ground, with
 marked stone and build
 mid of earth 2 ft high, with
 pits 18 x 18 x 12 ins. as per
 instructions for 1/4 Sec cor.

80.00 Set Igneous rock 14 x 10 x 8 ins.
 10 ins. in the ground & build
 mid of earth 2 ft high, with
 pits 18 x 18 x 12 ins. as per inst
 ructions for cor. to Secs.
 25. 30. 31 x 36.

Mesa land, Soil 2^d rate
 No timber, some brush.

Between T. 5 N. Ranges 11 & 12 E.
G & S. R. M.

chs
South between Secs 31 & 36.
Var. $14^{\circ} 12' E.$

40.00 Set Igneous rock $15 \times 9 \times 6$ ins.
10 ins in the ground, with
marked stone, and build
rod of earth 2 ft high, with
pits $18 \times 18 \times 12$ ins. as per
instructions for $1/4$ sec. cor.

80.00 Set Igneous rock $18 \times 10 \times 6$ ins.
12 ins. in the ground, with
marked stone, and build
rod of stone $2 \frac{1}{2}$ ft high,
as per instructions for
Standard cor. to T. 5 N.

R. 11 & 12 E. from which bears
a Mesquite 4 ins. dia. S. $63^{\circ} E.$ 56 lbs dist.

a Mesquite 5 ins. dia. North 94 lbs dist.

+ Some broken then flat, Soil 2^d rate
Brush no timber, Scattering
trees.

Between T. 5 N. Ranges 11 & 12 E.
G. & S. R. M.

General Description.

The foregoing E. Boundary
of T. 5 N. R. 11. E. lies on
mesa land soil 2^d rate
or poor. No timber.
Some Brush.

Theodore J. White
U. S. Deputy Surveyor

Between T. 4 N. Ranges 11 & 12 E.
G. S. R. M.

chs

At a point 21.38 chs West
of the Standard Cor. to T^p
5 N. R^s 11 & 12 E. on the 1st
Standard Parallel North
I set the closing cor. to T^p
4 N. R^s 11 & 12 E. 21.38 chs
is the calculated convergency
of this place,

Set Igneous rock 18 + 14 + 12 ins.
12 ins in the ground, with
marked stone, and build
rod of stone 2 ft high, as per
instructions for closing cor.
From this point I run
South between Sec 1 & 6.
T^ps. 4 N. R^s 11 & 12 E.

Var. $14^{\circ} 12' E.$
as per Solar Compass.

4000

Set a post marked 1/4th
of 4 long, flattened 3 ins. wide

Between T. 4 N. Ranges 11 & 12 E.
G x S. R. M.

chs

with marked stone 12 ins.
in the ground, and build
mid of earth 2 ft high, with
pits 18 + 18 + 12 ins. as per inst.
instructions for $\frac{1}{4}$ Sec. Cor.

66.70 Road course N. W.

80.00 Set a post marked & notched
4 ft long 4 ins. sq. with marked
stone 12 ins. in the ground, &
build mid of earth 2 ft high
with pits 18 + 18 + 12 ins. as per
instructions for Cor. to Secs.

1.6. 7 & 12 from which bears.

A Hackberry 5 ins. dia. S. $10\frac{1}{2}$ ° E. 114 lbs dist

An Oak 5 ins. dia. N. 23° W. 292 lbs dist

A Mesquite 3 ins. dia. N. 16° E. 302 lbs dist

In Pinto Creek bottom Soil
good Mesquite Ash & Hack-
berry trees & bush.

Between T. & N. Ranges 11 & 12 E.
 G. & S. R. M.

South between Secs. 7 & 12.

Var. 14° 12' E.

- 16.00 Ponto Creek 100 lks wide course S. E.
 40.00 Set a post marked $\frac{1}{4}$ S. 4 ft long
 flattened 3 ins. wide with marked
 stone 12 ins. in the ground &
 build end of stone 2 ft high,
 as per instructions for $\frac{1}{4}$ Sec cor.
 a Hackberry 10 ins. dia. N. 50° E. 56 lks dist.
 - a Hackberry 8 ins. dia. N. 50° E. 103 lks dist.
 7.00 Leave Bottom & ascend Mesa.
 13.13 Descend Bank & cross Wash E.
 12.78 Ascend Bank & enter Mesa.
 20.00 Set a Limestone 15 x 8 x 6 ins. 10 ins.
 in the ground with marked stone,
 and build end of stone 2 ft high,
 as per instructions for cor. to
 Secs. 7, 12, 13, & 18.
 from which bears.
 a Palo verde 5 ins. dia. N. 34° W. 198 lks dist.

Between T. & N. Ranges $11\frac{1}{2}$ E.
 G. & S. R. M.

Chs

a Palo verde 4 ins. dia $N. 40^{\circ} E.$ 215 lbs dist.
 Mostly in Bottom, good soil,
 Scattering trees.

South between Secs. 13 & 18.

Var. $14^{\circ} 12' E.$

4000 Bluish rock $12 \times 10 \times 9$ ins. 8 ins.
 in the ground, & build out of
 earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. as per int out.
 ins for $\frac{1}{4}$ sec. cor.

Further South the line lies
 on the Mazatzal Range of
 Mountain, The land is
 barren & worthless, & not
 surveyable.

April 20. 1881.

Between T. & N. Ranges 11412 E.
G. & S. R. M.

General Description.

Crosses Porto Creek bottom
and then ascends slopes of
Mazatzal Range of Mts.
Rich soil in bottom, then
it becomes worthless further
South.

Mesquite & ash trees, etc
in Bottom.

Theodore J. White

U. S. Deputy Surveyor.

Between T. 4. N. Ranges 13 & 14 E.
 G. & S. R. M.

chs

At a point 25.28 chs. W. of the
 Standard Cor. to T. 5 N. R. 13
 & 14 E. on the 1st Stand-
 ard Parallel N. which was
 recently established by me,
 I set an Igneous rock 14x12x8 in.
 10 ins. in the ground with
 marked stone, and built
 masonry stones 2 ft high, as per
 instructions for closing cor.
 to T. 4 N. R. 13 & 14 E. from
 which bears.

a Pale verde 8 in. dia. N. 33° W. 50 lbs dist
 25.28 chs is the calculated
 convergence at this place,
 Hence 2 mm.

South between Secs. 14 & 6.

Nor. 14° 09' E.

as per observation with Solar
 Compass.

Between T. 4 N. Ranges 13 & 14 E.
G. & S. R. M.

- 4.00 Dry wash 20 lks wide course S.W.
4.00 ^{Set} Peldspathic rock 20 x 8 x 8 ins.
15 ins. in the ground, with ~~marked~~
stones, and build wd of stone
2 ft high, as per instructions for
1/4 sec. Cor. from which bears.
A cottonwood 6 ins. dia. N. 10° E. 27 lks dist.
A blackberry 8 ins. dia. N. 44° W. 26 lks dist.
0.00 ^{Set} Peldspathic rock 12 x 10 x 6 ins.
8 ins. in the ground with ~~marked~~
stones, and build wd of stone
2 ft high, as per instructions
for cor. to Secs. 1, 6, 7, & 12
Hilly & rolling, Soil poor.
Scattering trees. on N. end
& brush.

South between Secs. 7 & 12
Cor. 14° 09' E.

Between T. 4 N. Ranges 13+14 E.
G + S. R. M.

chs

13.00 Dry Wash 10 lks wide course S.E.

40.00 Set Peldapathic rock 14+12+7 ins.
10 ins. in the ground, with
marked stone, and build
end of stone 2 ft high, as per
instructions for 1/4 Sec cor.
from which bears.

a Palo verde birch dia. N. 15° W. 74 lbs dist.

a Palo verde birch dia. East. 103 lbs dist.

80.00 Set Lava rock 14+8+6 ins. 10 ins. in
the ground and build end of,
earth 2 ft high, with pits
18+18+12 ins. as per instructions
for cor to Secs. 7, 12, 13+18

Rolling Soil poor
Scattering Palo verde trees.

Between T. 4 N. Ranges 13 & 14 E.
G. & S. R. & M.

South between Secs. 13 & 18.
Twp. 14° 09' E.

1.45 Dry wash 20 lbs wide course S.W.

4.00 Set Peldspathic rock 12+8+7
ins. 8 ins. in the ground, with
marked stone, and build md.
of stone 2 ft high, as per inst
structions for 1/4 Sec. cor.
from which bears.

A Mesquite 12 ins. dia. South. 54 lbs dist.

A Mesquite 8 ins. dia. N. 18° E. 55 lbs dist.

5.00 Top of ridge extending S.W.

5.00 Bottom of slope

0.00 Set Peldspathic rock 12+8+8 ins.
8 ins. in the ground, with marked
stone, and build md of stone
2 ft high, as per instructions
for Cor. to Secs. 13, 18, 19, & 24.
from which bears.

A Palo Verde 6 ins. dia. N. 16° W. 88 lbs dist.

Between T. 4 N. Ranges 13 & 14 E.
 G. & S. R. 8 M.

Chs

a Palo verde 6 ins. dia. N. 32° E. 103 lbs dist
 Rolling, Soil poor.
 Scattering Palo verde
 trees.

South between Secs. 19 & 24.
 Par. 14° 09 E.

- 1.00 Ridge extending S. W.
 40.00 Set Porphyry rock $12 \times 10 \times 8$ ins. 8 ins.
 in the ground, and build
 mid of earth 2 ft high, with
 pits $18 \times 18 \times 12$ ins. as per instruction
 for $1/4$ sec. cor. from which br.
 a Palo verde 6 ins. dia. N. 82° W. 68 lbs dist
 a Mesquite 3 ins. dia North 130 lbs dist
 79.50 Dry wash 20 lbs wide course S. W.
 80.00 Set Peldopathic rock $24 \times 24 \times 24$ ins.
 18 ins. in the ground, with marked
 stone, and build mid of stone 2 ft

Between T. & P. Ranges 13 & 14 E.
G. & S. R. N.

high as per instructions, for cor.
to Secs. 19, 24, 25 & 30, from which
bear.

- ↓ A Mesquite 8 ins. dia. S. 32° W. 55 lks dist
 - A Mesquite 4 ins. dia. N. 21° E. 80 lks dist.
- Mesa land, Soil & rate
Scattering trees, palo verde &
Mesquite.
-

South between Secs. 25 & 30.
Var. 14° 09' E.

7.00. Leave Mesa.

4.00 Set volcanic rock 14 x 10 x 4 ins.
10 ins. in the ground, with
marked stone, and build end
of stone up high, as per inst-
ructions for 1/4 sec. cor.

3.50 Enter lateral valley course S. W.

9.00 On Mesa again.

Between T. 4 N. Ranges 13 & 14 E
G. & S. R. W.

chs
76.30 On high bluff Bank of river 40ft
high, runs N. W. water shallow,
measure across.

82.00 To left Bank of Salt River, corner
N. W. The place for the cor.
comes in the water. This point
82.00 chs is in the wash of the
river so to get secure ground, I
set the post 3.00 chs further South
or 5.00 chs South of the true place
of the cor.

Set a post marked & notched, 4ft
long 4 in. sq. with marked stone
12 in³ in the ground, and build mound
of earth 2ft high, with pits
18 x 18 x 12 in as per instructions
for Witness cor. to Secs. 25. 30. 31 & 32
marked W. C. etc. from which
bears.

Com.

A Cottonwood 12 in. dia. S. 32 1/2° W 87 lbs dist.

Between T. & N. Ranges 13 & 14 E.
G. & S. R. & M.

ch

a Cottonwood 15 ins. dia. S. 7° E. 79 lbs dist.

a Cottonwood 28 ins. dia. S. 43° E. 118 lbs dist

a Willow 8 ins. dia. N. 14° W. 136 lbs dist.

Rolling, some good soil
Cottonwood & Willow along
River.

From the place of the Cr. to Secs.
25. 30. 31 & 36. From

South between Secs. 31 & 36.

Var 14° 09' E.

4000 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, and
knild. end of earth 2 ft high
with pits 18 + 18 + 12 ins. as per
instructions for $\frac{1}{4}$ Sec. cor.
from which bears.

a Mesquite 14 ins. dia. S. 15° W. 221 lbs dist

Between T. & N. Ranges 13 & 14
G. & S. R. M.

chs

a Mesquite 8 ins. dia. S. 31 1/4° E. 279 lks dist.

44.70 Leave Bottom & enter Mesa

80.00) Set a post marked & notched 4 1/2 ft
x long 4 ins. sq. with marked stone
12 ins. in the ground and built
mid of stone 2 1/2 ft high, see
instructions for Sp. Cor. ^{15 12 30 14 11 12 13 14} from
which bears.

a Mesquite 8 ins. dia. South 204 lks dist

a Mesquite 9 ins. dia. S. 14° E. 500 lks dist.

Over River Bottom Soil good
Mesquite trees.

Copies

Between T. 4 N. Ranges 13 + 14 E.
G. + S. R. M.

General Description

The East Boundary of T. 4 N. R. 13 E. passes over mesa land & then across the valley of Salt River. The soil of the mesa land is mostly poor, or 2^d rate. In Salt River Bottom the soil is good.

Considerable timber, Mesquite, Cottonwood, & Willow along river.

Theodore J. White

U. S. Deputy Surveyor.

Between T. 3. N. Ranges 13+14. E
 G. + S. R. 1000.

chs

From the cor. to Tps. 3+4 N.
 Rs. 13+14 E. post set by me
 2000.

South between Secs. 146.
 Var. $14^{\circ} 10' E$.

As per observation with Solar
 Compass.

6.40 Road to Globe course S. E.

19.00 Leave Mesa + enter Bottom course E of N.

32.60 Cross bend in Globe Road leave
 it on left of line.

40.00 Set a post marked $1/4 S$. 4 ft long
 flattened 3 in wide, with
 marked stone 12 ins. in the
 ground, and build end of
 earth 2 ft high, with pits 18+18+18
 in. as per instructions for $1/4$
 Sec. cor. from which bears
 A Mesquite 4 ins. dia. N. $7^{\circ} E$. 22 lbs dist
 A Mesquite 8 ins. dia. N. $61/2^{\circ} W$. 134 lbs dist

No. 1255

Between T. & N. Ranges 13 & 14 E.
G & S. R. M.

chs
80.00 Set a post marked & notched
4 ft long 4 ins. sq. with marked
stone 12 ins. in the ground,
& build end of earth 8 ft high,
with pits 18 x 18 x 12 ins. as per
instructions for cor. to Secs.
1, 6, 7, & 12 from which bears
a Mesquite 4 ins. dia. S. 28° E. 74 lbs diet
& Mesquite 12 ins. dia. N. 58° E. 248 lbs diet
over Mesa & bottom land
Soil rich in Bottom
Mesquite trees & Brush.

South between Secs. 7 & 12.
Var. 14° 10' E.

5.00 Dry Wash 10 lbs wide course N. E.
40.00 Set Post marked 1/4 S. 4 ft long
flattened 3 ins. wide, with marked
stone, 12 ins. in the ground, & build

Between T. 3 N. Ranges 13+14 E.
 G. & S. R. M.

ch

mid of earth with pits 18+18+12
 ins. as per instructions for 1/4 Sec
 Cor. from which bears.

Palo verde 4 ins. dia. S. 41° W. 47 lbs dist

a Palo verde 6 ins. dia. N. 73° W. 37 lbs dist.

+ 80.00 Set volcanic rock 12+10+8 ins.

8 ins. in the ground, & strike
 mid of earth 2 ft high, with
 pits 18+18+12 ins. as per inst
 ructions for Cor. to Secs. 7, 12.

13 & 18.

Some broken Soil good
 & 2^d rate

No timber.

South between Secs 13+18.

For 14° 10' E.

40.00 Set Igneous rock 13+9+6 ins.
 9 ins in the ground, with

Between T. 3 N. Ranges 13 & 14 E
G. & S. R. M.

chs

marked stone, and build mid
of earth 2 ft high, with pits
18 + 18 + 12 ins. as per instructions
for 1/4 Sec. Cor.

8000 Set Square rock 14 + 8 + 6 ins.
10 ins. in the ground, with
marked stone, and build
mid of earth 2 ft high, with
pits 18 + 18 + 12 ins. as per
instructions for Cor to Secs.
13, 18, 19 & 24.

Some broken soil poor.
No timber

Further South the land
is utterly worthless & not
surveyable.

Between T. 3 N. Ranges 13 & 14 E.
G & S. R. M.

General Description.

North end of line along
Salt River Bottom,
where the land is good,
then it passes over broken
mesa land, which becomes
poor & then worthless.
Some Mesquite timber on
north end of line.

Theodore J. White
U. S. Deputy Surveyor.

Between Tps. 3 & 4 N. Range 14 E.
G. + S. R. & M.

chs

From Cor. to Tps. 3 & 4 N. Rgs. 13 & 14 E.
first established by me 2 mm.
East between Secs. 6 & 31

Var. $14^{\circ}10'$ E.

as per observation with Solar Compass.

15.00 To left Bank of Salt River, measure
across.

16.10 To right Bank

38.54 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with
marked stone 12 ins. in the
ground and build end of earth
 $2\frac{1}{2}$ ft high, with pits $18 \times 18 + 12$ ins. as
per instructions for $\frac{1}{4}$ Sec. cor.
from which bears.

A Willow 5 ins. dia. $S 21^{\circ} W$. 95 lbs dist

A Cottonwood 20 ins. dia. North 113 lbs dist

45.10 Fence course N. W. & eutor field

46.10 Phone br $S. 70^{\circ} E$. 4 chs dist.

47.70 Irrigating Ditch course N.

Between Tps 3 & 4 N. Range 14 E.
 G & S. R. M.

cks

58.00 Fence course N. W. & S. E. & leave field.

78.54 Set a post marked & watched 4 ft
 long 4 ins. sq. with marked stone
 12 ins. in the ground and build
 mid of earth 2 ft high, with
 pits 18+18+12 ins. as per inst
 ructions for Cor. to Secs. 5. 6. 31 &
 32. from which bears.

a Palo verde 8 ins. dia. S. 10° W. 33 lbs dist

a Palo verde 10 ins. dia. N. 72° E. 31 lbs dist

a Palo verde 5 ins. dia. S. 68½° W. 87 lbs dist.

146 lbs is the allowance for
 convergence here.

Rich bottom land along
 Salt River. Mesquite
 Cottonwood & Willow trees.
 & Brush.

Between Tps 3 & 4 N. Range 14 E.
G & S. R. M

East between Secs. 5 & 32.

Cor. $14^{\circ}10' E$:

40.00 Set a post marked $1/4 S. 4 ft$
long, flattened 3 ins. wide,
with marked stone 12 ins. in
the ground, and build end
of stone 2 ft high, as per int
notion for $1/4$ Sec. Cor.
from which bears.

a Palo Verde 6 ins. dia. N. $36^{\circ} E$. 76 lbs dist

A Palo Verde 4 ins. dia. N. $57^{\circ} W$. 59 lbs dist

80.00 Set Igneous rock $12 + 9 + 7$ ins. 8 ins.
in the ground, with marked
stone, and build end of earth
2 ft high, with pits $18 + 18 + 12$ ins.
as per int notion for Cor. to Secs.
4, 5, 32, & 33.

Broken & ascending E.
Soil poor, No timber

Between Tps 3 & 4 N. Range 14 E.
G & S. R. M.

East between Secs 4 & 33.
Var. 14° 10' E.

4000 Set Igneous rock 15 x 8 x 6 ins.
10 ins. in the ground, with
marked stone, and build
mid of earth 2 ft high, with
pits 18 x 18 x 12 ins. as per inst
ructions for 1/4 Sec. cor.

8000 Set Igneous rock 12 x 10 x 6 ins.
8 ins. in the ground, with marked
stone and build mid of earth
2 ft high, with pits 18 x 18 x 12
ins. as per instructions for
Cor. to Secs 3. 4. 33 & 34.

Broken ascending E
Soil poor. No timber.

Further E. the land is
utterly worthless, & is not
surveyable. April 22. 1881

Between Tps 3 & 4 N. Range 14 E.
E & S. R. M.

General Description

The North Boundary of Tp
3 N. R 14 E. crosses Salt
River, and then ascends
West slopes of the Sierra
Aucha Mountains,
Good soil in Bottom,
The land becomes poor &
worthless, further east.

Some timber along Bottom

Theodore H. White
U. S. Deputy Surveyor.

Between Tps 3 & 4 h. Range 13 E.
G + S. R. M.

lbs

From the Cor. to Tps. 3 & 4 h.
Rs. 13 & 14 E. just established
by me I mn.

West between Secs. 1 & 36.

Var. $14^{\circ}10'E$

As per Solar Compass.

- 40.00 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with
marked stone 12 ins. in the
ground, & build mid of
earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. as per instructions
for $\frac{1}{4}$ sec. cor. from which has
a Mesquite 3 ins. dia. N. 50 E. 120 lbs dist
a Mesquite 4 ins. dia. N. 79 W. 256 lbs dist.
- 41.40 Globe road course S. E.
- 43.00 Dry Wash 12 lbs wide course N. W.
leave flat
- 80.00 Set a post marked & notched
4 ft long 4 ins. sq. with marked

Between Tps 3 & 4 N. Range 13 E.
G & S. R. M.

cho

stone 12 ins. in the ground, and
build end of earth 2 ft high,
with pits 18 x 18 x 12 ins. as per
instructions for corr. to Secs.

1, 2, 35 & 36. from which
bears.

a Mesquite 4 ins. dia. N. 25° E. 80 lks dist

a Mesquite 6 ins. dia. S. 11° W. 217 lks dist

a Mesquite 3 ins. dia. N. 80° E. 77 lks dist

a Mesquite 3 ins. dia. S. 60° W. 21 lks dist.

Mostly level good soil
Mesquite trees & brush.

Nest between Secs. 2 & 35.

Var. 14° 10' E

4000 Set Post marked 1/4 S. 4 ft long
flattened 3 ins. wide, with
marked stone 12 ins. in the
ground, & build end of

Between Tps 3 & 4 N. Range 13 E.
G. & S. R. M.

chs

earth 2 ft high, with pits
18 + 18 + 12 ins. as per instructions
for 1/4 Sec. cor. from which
bears.

A Mesquite 3 ins. dia. N. $80\frac{1}{2}^{\circ}$ E. 323 lbs dist.

A Mesquite 4 ins. dia. N. $69\frac{3}{4}^{\circ}$ E. 317 lbs dist.

51.00 Leave mesa & enter valley of
Pinto Creek (Wash 500 lbs wide)
course N. & N. E.

80.00 Set a post marked & notched
4 ft long 4 ins. sq. with marked
stone 12 ins. in the ground,
& build end of earth 2 ft high
with pits 18 + 18 + 12 ins. as per
instructions for Cor. to Secs.
2, 3, 34 & 35, from which bears.

A Mesquite 4 ins. dia. N. $29\frac{1}{2}^{\circ}$ E. 90 lbs dist.

A Mesquite 5 ins. dia. S. 13° E. 56 lbs dist.

A Mesquite 5 ins. dia. S. 79° W. 172 lbs dist.

A Mesquite 3 ins. dia. N. 75° W. 110 lbs dist.

Between Tps. 3 & 4 N. Range 13 E.
T. & S. R. M.

chs

Mostly in Bottom,
Rich Soil
Mesquite trees, & Brush.

West between Secs. 3 & 34,
T. 14° 10' E.

3.50 Leave valley of Pinto Creek
& ascend mesa

5.20 Top of mesa

4.00 Set a post marked $\frac{1}{4}$ S. $\frac{1}{4}$ E.
long, flattened 3 ins. wide, with
marked stone 12 ins. in the
ground & build end of earth
4 ft high, with pits 18+18+12 ins.
as per instructions for $\frac{1}{4}$ Sec. cor.
from which bears.

a Palo verde 3 ins. dia. N. 28° W. 150 lbs dist.

80.00 Set a post marked & notched
 $\frac{1}{4}$ E. long, 4 ins. sq. with marked

Between Tps 3 & 4 N. Range 13 E.
 G & S. R. M.

chs

stone 12 ins. in the ground,
 and build end of stone
 2 ft high, as per instructions
 for Cor. to Secs. 3, 4, 33 & 34
 from which bears.

a Palo verde 4 ins. dia North 95 lbs dist

a Palo verde 4 ins. dia. N. 8° W. 97 lbs dist

a Palo verde 3 ins. dia. N. 27° W. 49 lbs dist.

Over mesa, flat, soil

2^d rate

Scattering trees.

West between Secs. 4 & 33.

Tar 14° 10' E.

40.00 Set a post marked $\frac{1}{4}$ S. 4 ft
 long, flattened 3 ins. wide, with
 marked stone, 12 ins. in the
 ground & build end of earth
 2 ft high, with pits 18+18+12 ins.

Between Tps 3 & 4 N. Range 13 E.
 G. & S. R. M.

chs

as per instructions for 1/4 Sec.
 Cor. from which bears.

a Cedar 14 ins. dia. S. 62° E. 83 lks dist

a Mesquite 4 ins. dia. S 57° W. 164 lks dist.

41.00 Dry wash 20 lks wide course N. E.

8000 Set Pedepathic rock 12 x 10 x 8 ins.

8 ins. in the ground, with marked
 stone, and build end of tower
 2 ft high, as per instructions for
 Cor. to Secs. 4, 5, 32 x 33.

from which bears.

a Mesquite 4 ins. dia. N. 74° W. 228 lks dist

a Mesquite 10 ins. dia. N. 82° W. 305 lks dist.

Broken Soil 2^d rate
 Scattering trees.

West between Secs. 5 & 32.

Var. 14° 10' E.

2.00 Ascend Mesa.

Between Tps 3 & 4 N. Range 13 E.
G & S. R. M.

cks

9.00 Top of Mesa

4.00 Set a post marked $\frac{1}{4}$ S. 4 ft long, flattened 3 ins. wide, with marked stone 12 ins. in the ground, & build mid of stone 2 ft high, as per instructions for $\frac{1}{4}$ Sec. Cor. from which bears a Mesquite 3 ins. dia. N. 56° W. 86 lbs dist.

8.00 Set a post marked & notched, 4 ft long 4 ins. sq. with marked stone 12 ins. in the ground, and build mid of earth 2 ft high, with pits 18+18+12 ins. as per instructions for cor. to Secs. 5. 6. 31. 32. from which bears a Palo verde 4 ins. dia. N. 7° W. 84 lbs dist. a Palo verde 5 ins. dia. S. 40° W. 28 lbs dist.

Broken Soil poor.

Scattering palo verde & mesquite trees.

Between Tps 3 & 4 N. Range 13 E
 G. & S. R. M.

chs

Nest between Secs. 6 & 31.

Var. $14^{\circ} 10' E$.

9.20 Bin Road course N & S.

40.00 Set a porphyry sock, 10 ins. in the
 ground, with marked stone, and
 build mid of stone 2 ft high,
 as per instructions for $\frac{1}{4}$ Sec
 cor. from which bears.

a Palo verde 4 ins. dia. S. $50^{\circ} E$. 93 lbs dist

a Palo verde 5 ins. dia. N. $64^{\circ} E$. 139 lbs dist

78.54 Set a Porphyry $20 \times 20 \times 16$ ins.

15 ins. in the ground, with marked
 stone, and build mid of

corner $2\frac{1}{2}$ ft high, with pits
 $18 \times 18 \times 12$ ins. as per instruct-
 ions for Sp Cor. to Tps 3 & 4 N.

Rs 12 & 13 E. from which bears

a Mesquite 6 ins. dia. S. $40^{\circ} E$. 9 lbs dist

a Mesquite 5 ins. dia. S. $31^{\circ} E$. 108 lbs dist

146 lbs is the calculated convergency

Between Tps 3 & 4 N. Range 13 E.
E. & S. R. M.

Chs

for this place.

Rolling Soil 2^d rate

Scattering trees.

Between Tps 3 & 4 N. Range 13 E.
G & S. R. M.

General Description

The S. Boundary of Tp. 4 N.
R 13 E. lies mostly on mesa
land, along S. of Salt River
Bottom. There is good soil
on E. end, some scattering
mesquite timber & brush.

Theodore J. White
U. S. Deputy Surveyor.

Between Tps 3 & 4 N. Range 12 E.
G & S. R. M.

chs

West between Secs. 1 & 36.
Var 14° 10' E.

40.00 aspe observation with Solar Compass
Set a Porphyry ^{well} 12 x 8 x 6 ins. 8 ins.
in the ground, with marked
stone, and build end of stone
2 ft high, aspe instructions for
1/4 Sec. Cor.

80.00 Set a Porphyry ^{well} 16 x 12 x 7 ins. 12 ins
in the ground with marked
stone, and build end of stone
2 ft high, aspe instructions
for Cor. to Secs. 1. 2. 35 & 36.
from which bears.

a Palo verde 3 ins. dia. N. 65° E. 108 lbs dist
a Palo verde 8 ins. dia. S. 74° W. 52 lbs dist.
Mesa land, Soil poor.
No timber Scattering trees.

Between Tps 3 & 4 N. Range 12 E.
G & S. R. M.

chs

West between Secs. 24 & 35.
Var. $14^{\circ} 10' E$.

4000 Set Pedepathic rock $12+8+7$ ins.
8 ins. in the ground, with marked
stone, and build md of earth
2 ft high, with pit $18+18+12$ ins.
see instructions for $1/4$ Sec. cor.

Further West the line lies, on
barren hills. land worthless
& not surveyable.

Between Sp. 4 N. Ranges 12 + 13 E.
G. x S. R. M.

chs

From the cor. to Sp. 3 + 4 N. R. 12 + 13 E.
first set by me I mn.

North between Secs. 31 + 36.

Var. $14^{\circ} 10' E.$

As per Solar Compass.

40.00 Set a Porphyry rock $15 \times 12 \times 8$ ins.

10 ins. in the ground, with marked
stone, and build end of earth
2 ft high, with pits $18 \times 18 \times 12$ ins.
as per instructions for $1/4$ sec. cor.
from which bears.

A Mesquite 8 ins. dia. N. 40° W. 28 lks dist.

a Mesquite 12 ins. dia. West. 103 lks dist.

80.00 Set a Porphyry rock $20 \times 15 \times 8$ ins.

15 ins. in the ground, with marked
stone, and build end of earth
2 ft high, with pits $18 \times 18 \times 12$ ins.
as per instructions for cor. to Secs.
25. 30. 31 + 36.

Between T_{p.} 4 N. Ranges 12 & 13 E.
G & S. R. M.

chs

Rolling Soil 2^d. rate
No timber, some Brush.

North between Secs. 25 & 30.
Var. 14° 10' E.

29.50 Dry wash 50 lbs wide course N. E.

40.00 Set a post marked 1/4 S. 4 ft long
flattened 3 ins. wide, with marked
stone 12 ins. in the ground, and build
mid of stone 2 ft high, as per
instructions for 1/4 Sec cor.

80.00 Set a post marked & notched, 4 ft
long 4 ins. sq. with marked stone
12 ins. in the ground, and build
mid of earth 2 ft high, with pits
18 x 18 x 12 ins. as per instructions
for cor. to Secs 19, 24, 25 & 30
Descending N.

Between Tp. 4 N. Ranges 12 + 13 E.
G. & S. R. M.

chs

Soil 2^d rate
Scattering trees.

North between Secs. 19 & 24.
Twr. $14^{\circ}10' E.$

- 4.10 Road course E. & W.
12.00 Leave mesa & enter Bottom
Ahorn bears N. $32^{\circ} E.$ about
6 chs. dist.
24.80 Road course E. & W.
28.00 Bluff Bank 10 ft high, & descend
to river.
31.78 Left Bank of river, Water
shallow, measure across.
42.00 To right Bank. Set post
marked for witness cor. to $1/4 S. cor.$
4 ft long, flattened 3 ins wide, with
marked stone 12 ins. in the ground
and build end of stone 2 ft

Between T_{p.} 4 N. Ranges 12 & 13 E.
G & S. R. M.

chs

high, as per instructions for 1/4
Sec. Cor. from which bears,
a Willow 8 ins. dia. N. $48\frac{1}{2}^{\circ}$ E. 341 lbs dist
a Cottonwood 10 ins. dia. N. 58° E. 444 lbs dist

70.00 Road course E. & W.

80.00 Set a post marked & notched
4 ft long 4 ins. sq. with marked
stone 12 ins. in the ground, &
build end of stone 2 ft high,
as per instructions for Cor. to
Secs. 13, 18, 19, 24 from which bears
a Mesquite 4 ins. dia. S. 63° E. 428 lbs dist
a Mesquite 4 ins. dia. S. 49° E. 405 lbs dist.
Along River Bottom good
soil.
Scattering trees.

Between T_{p.} 4 N. Ranges 12 & 13 E.
G. & S. R. M.

chs

North between Secs. 13 & 18.

Var. $14^{\circ} 10' E$.

40.00 Set a post marked $\frac{1}{4}$ S. 4 ft long
flattened 3 ins. wide, with
marked stone 12 ins. in the
ground, and build mid of
stone 2 ft high, as per instructions
for $\frac{1}{4}$ Sec. Cor. from which bears
a Palo verde 4 ins. dia. West. 35 lbs dist.
a Palo verde 3 ins. dia. S. $12^{\circ} W$. 30 lbs dist.

80.00 Set a Limestone $18 \times 12 \times 8$ ins. 12 ins.
in the ground, with marked
stone, and build mid of stone
2 ft high, as per instructions for
Cor. to Secs. 7, 12, 13, 18, from
which bears.

a Palo verde 4 ins. dia. N. $10^{\circ} W$. 42 lbs dist
+ a Palo verde 6 ins. dia. N. $39^{\circ} E$. 80 lbs dist
a Palo verde 4 ins. dia. East 120 lbs dist
a Palo verde 4 ins. dia. S. $40^{\circ} E$. 118 lbs dist

Between T^p. 4 N. Ranges 12 & 13 E.
G & S. R. M.

Chs

Over broken limestone hills
extending northerly
N. of Salt River Soil prov.
No timber.

North between Secs. 7 & 12
Cor. $14^{\circ} 10' E$.

40.00 Set a limestone $16 \times 10 \times 5$ ins.
11 ins. in the ground & build end
of earth 2 ft high, with pits
 $18 \times 18 \times 12$ ins. as per instructions
for $1/4$ Sec. Cor.

80.00 Set a limestone $14 \times 8 \times 7$ ins.
9 ins. in the ground, with
marked stone, and build
end of earth 2 ft high, with
pits $18 \times 18 \times 12$ ins. as per inst-
ructions for Cor to Secs. 1. 6. 7 & 12

Between Tps. 4 N. Range 12 + 13 E.
G. & S. R. M.

chs

Broken Soil poor.
No timber.

North between Secs 14 & 6.
Var. $14^{\circ}10'$ E.

40.00 Set Igneous rock $13 \times 10 \times 6$ ins.
gins. in the ground, with marked
stone and build mid of earth
2 ft high, with pits $18 \times 18 \times 12$ ins.
as per instructions for $1/4$ Sec.

Gr.

80.31 Intersect 1st Standard Parallel
N. 23. 50 chs W. of Standard
Cor. to Tps 5 N. R. 12 + 13 E.
at Point of intersection Set
Igneous rock $15 \times 12 \times 8$ ins. 10
ins in the ground, with marked
stone, and build mid of stone

Between T^p 4 N. Ranges 12 & 13 E.
G & S. R. M.

chs

2 1/2 ft high, for closing cor.
to T^p 4 N. Rs. 12 & 13 E.
as per instructions.

April 26. 1881.

General Description.
The Range line T^p 4 N. bet.
Rs. 12 & 13 E. lies on mesa
land on S. side of river,
then crosses Salt River,
& passes over some broken
limestone hills, on N. side
Some good land along river,
otherwise it is poor or 2^d.
rate.

Theodore J. White
U. S. Deputy Surveyor.

List of Names.

A List of the Names of Individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing Field Notes of the survey of the Exterior lines or so much of said Exterior lines as is represented in the accompanying notes, of T. 3 N. R. 14 E.; T. 4 N. R. 14 E.; T. 4 N. R. 13 E.; T. 4 N. R. 12 E.; T. 4 N. R. 11 E.; T. 5 N. R. 11 E.; T. 6 N. R. 11 E.; T. 6 N. R. 10 E.; Gila & Salt River Meridian & Base lines

Showing the respective capacities in which they acted.

Richard Shrope	Chainman.
Samuel N Van Pelt	Chainman.
Frank Carpenter	Axeman.
E. H. Pallett	Flagman.
William Morrison	Woundedman

Final Oath of Assistants.

91

BOOK 1255

We hereby certify that we assisted Theodore J.

White U. S. Deputy Surveyor, in surveying
the Exterior lines, or so much of said Exterior as
is presented in the accompanying notes, of
T. 3 N. R. 14 E.; T. 4 N. R. 14 E.; T. 4 N. R. 13
E.; T. 4 N. R. 12 E.; T. 4 N. R. 11 E.; T. 5 N.
R. 11 E.; T. 6 N. R. 11 E.; T. 6 N. R. 10 E. Gula
and Salt River Meridian & Base lines

and that said Survey has been in all respects, to the best of our
knowledge and belief, well and faithfully executed, and the
boundary monuments planted according to the instructions
furnished by the Surveyor-General.

Richard Shrope Chairman.

James Van Dusen Chairman.

Frank Carpenter Axeman.

W. H. Patchett Flagman.

William Morrison Monumentman

Sworn to and subscribed before me, this 5th

day of September 1881

William J. Osburn
Notary Public
Terra A.T.

I, *Theodore J. White*

United States Deputy Surveyor, do solemnly swear that I have, in my own proper person and with the necessary assistants, well, truly and faithfully executed the survey of

the Exterior lines or so much of said Exterior's as is represented in the accompanying notes, of T. 3 N. R. 14 E.; T. 4 N. R. 14 E.; T. 4 N. R. 13 E.; T. 4 N. R. 12 E.; T. 4 N. R. 11 E.; T. 5 N. R. 11 E.; T. 6 N. R. 11 E.; T. 6 N. R. 10 E. Gila & Salt River Mexican & Base lines.

under my contract with John Wasson, United States Surveyor General for Arizona, bearing date the *27th* day of *August* 188*9*; that in making the said Survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in the preservation of adjustments of the same; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle; that I have in all respects complied with the laws of the United States governing public-land

9 93 surveys, the surveying manual, and such additional instructions as have been furnished me by and through the said Surveyor-General relating to the aforesaid Survey; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true, and correct returns of the said Surveys.

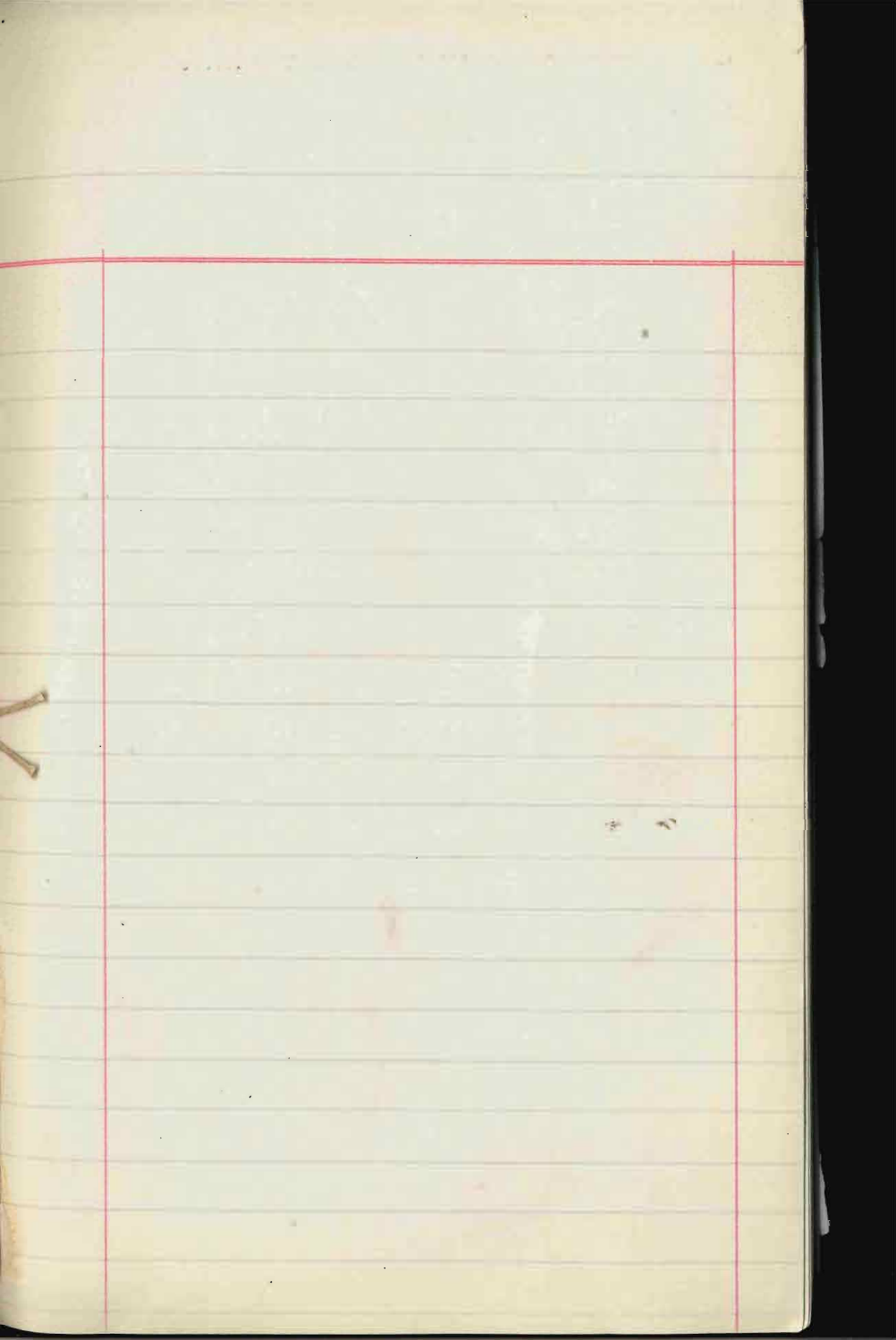
Theodore S. White
U. S. Deputy Surveyor

Subscribed and sworn to before me this 8th

day of September 1881

William J. Osburn
Notary Public
Pima Co. Ariz.





U. S. Surveyor General's Office,

TUCSON, ARIZONA, November 29, 1881

The foregoing Field Notes of the Survey of the
Extremities of Tps. 3 and 4 ct. R. 14 East -
Tps. 4 ct. R. 12 and 13 E - Tps. 4, 5 and 6
ct. R. 11. East and Tps. 6 ct. R. 10. East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by Theodore D. White

Deputy Surveyor, under his contract of the 27th
day of August, 1880, having been

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

John Masson,
Surveyor General.