

Book No. ~~6~~

BOOK 161

Deputy Surveyor.

R.

Gila and Salt River Meridian.

No-161

BOOK 161

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township

14 N

Range

14 E

Gila and Salt River Meridian.

BY

Deputy Surveyor.

Under his Contract of

July 29th

1882

Survey Commenced

April 17th

1883

Survey Completed

April 19th

1883

No-161

Platted,

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161

TOWNSHIP PLOT

Meridian Line,

Base Line,

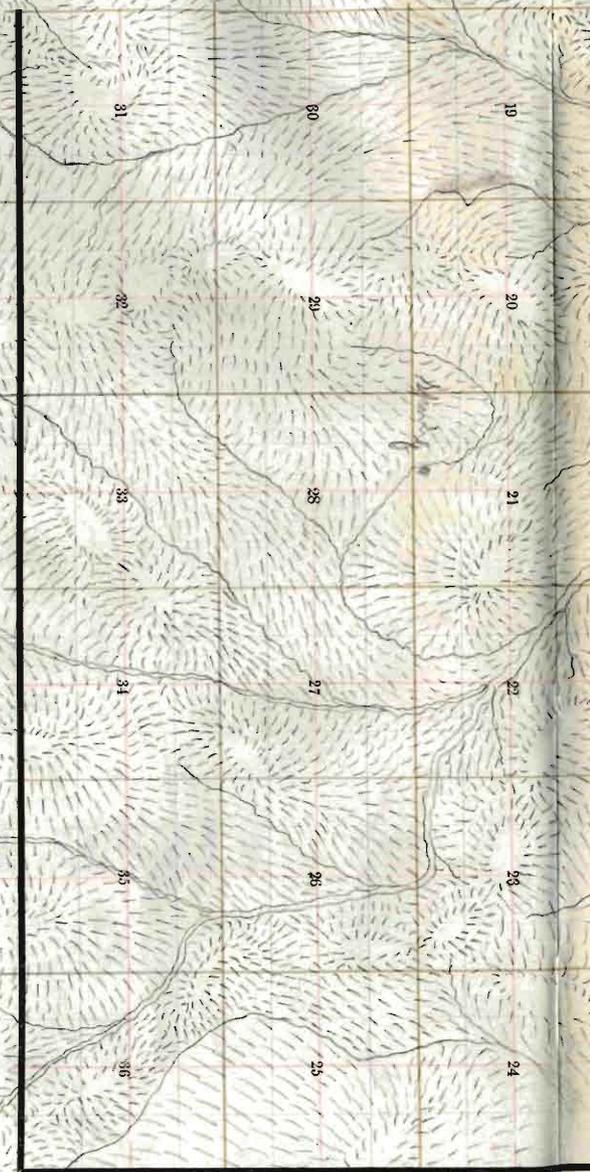
Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work.



BOOK 161

BOOK 161

A

Township No. 14 N Range No. 17 E 6th Principal Meridian.



Henry Meyrick Deputy Surveyor.

T. *14 N* R. *17 E*

Gila and Salt River Meridian.

No-161

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *14 N* Range *17 E*

Gila and Salt River Meridian.

BY

Henry Meyrick Deputy Surveyor.

Under his Contract of *July 28th* 188*2*

Survey Commenced *April 17th* 188*3*

Survey Completed *April 19th* 188*3*

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Copied for Washington,
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BOOK 161

BOOK 161

Township 14 North, Range 17 East,

Gila and Salt River Basins Meridian.

6	60	5	44	4	33	3	22	2	11	1
59		58		43		32		21		10
7	57	8	42	9	31	10	20	11	9	12
53		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
30	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

OK

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Township.....

Range.....

BOOK 161 1c

Meridian.

No-161

For Preliminary Notes
and description of
instrument see Book
No. 1.

Survey made with Burt's Patent Improved Solar
Compass, nearly new, and in first rate order. Made
by Otto Fennel of Cassel
Germany in 1881.

Before proceeding to subdivide this Tp., I made a
change of 10 minutes in the latitude arc of my
solar compass by subtracting same from
the reading previously given, and at noon verified
and corrected same by observation on the sun. I also
further tested instrument by reversing.

10 Township

Range 17 E

(See previous page.)

BOOK 161

Gila and Salt River Meridian.

previously set by me.

Chains

From the corner to Sections 35, 36, 1 and 2 on the South boundary, ^{op} run,
North, between Sections 35 and 36

Descend. Variation 13° 45' East.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.

74.54
43.22
30.00

high, 3 1/2 ft. base ground post.
Cross Canon, 2 1/2 m. wide. Course N.W. and ascend
Top of Ridge, bears N. 79° W. S. 79° E. and descend.
Set a sand stone 25 x 13 x 13 ins. 18 ins.
in the ground for Cor. to Secs. 25, 26, 35 & 36 marked
with 1 notch on S. and 1 notch on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and
raised a mound of earth 2 ft. high, 4 1/2 ft. base. alongside.

Lands rolling.

Soil 3rd rate

Timber of juniper.

Vegetation. grass.

Township 14 N. Range 17 E.BOOK 161

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 25 and 36.

Variation $13^{\circ} 30'$ East.*Descend gradually.*

21.10 Cross Wash, 15 lks. wide, Course N. and ascend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.72 Intersect E. B. of Tp. 57 lks. S. of cor. to secs.
previously set by me.

25.30.31 & 36 from which corner, I run

S. $89^{\circ} 36' W.$ on a true line, between sections 25 & 36Variation $13^{\circ} 30'$ East.39.80 Set a Sand stone $14 \times 8 \times 14$ ins., 10
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

79.72 The corner to sections 25, 20, 35 & 36

Land rolling.

Soil 2nd rate

Vegetation Grass.

Township

14 N.

Range

17 E.

BOOK 161

Gila and Salt River Meridian.

Chains

North, between Sections 25 and 26.

Variation

13° 30'

East.

Descend.

40.00

Set a Sand stone 16 x 10 x 10 ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on face, and raised a mound of stone alongside. Pits impracticable.

80.00

Set a Sand stone 21 x 15 x 8 ins. 15 ins. in the ground for Cor. to Secs. 23, 24, 25 & 26 marked with 2 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

*Land rolling.*Soil 2nd rate

Vegetation grass.

Township 14 N BOOK 161 Range 17 E

Gila and Salt River Meridian.

BOOK 161

Chains

East, on a random line between Sections 24 and 25.

Variation $13^{\circ} 30'$ East.

Descend gradually.

36.00 Cross Wash, 10 lks. wide, Course N. and ascend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

50.00 Top of Spur, bears NW & S. E. and descend.

80.12 Intersect E. B. of Tp. 82 lks. S. of cor. to secs.
previously set by me.

19.24, 25 & 30 from which corner, I run

S. $89^{\circ} 25'$ W. on a true line, between sections 24 & 25

Variation $13^{\circ} 30'$ East.

4000 Set a sand stone $29 \times 18 \times 4$ ins., 21
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone alongside. Pits
unpracticable.

80.12 The corner to sections 23, 24, 25 & 26

Land rolling.

Soil 2nd rate

Vegetation sage.

Township 14 N. BOOK 161 Range 17 E.

Gila and Salt River Meridian.

Chains

North, between Sections 23 and 24.

Variation 13° 30' East.Descend gradually.

- 17.00 Head of Ravine, Course N. E., and ascend
- 37.53 Top of Hill bears N. 19° E. & S. 19° W. and descend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 i. s. 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. and S. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

- 20.00 Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs. 13, 14, 23 & 24
marked T, 14 N. S. 13, on N, E, R, 17 E., S. 24
on S, E, S, 23 on S. W, and S, 14 on N, W, face
with 3 notches on S, and 1 notch on E, edges,
dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft. base
around post.

Land hilly.Soil 2nd rateVegetation grass

Township BOOK 161 Range 17 E.
Gila and Salt River Meridian.

Chains

East, on a random line between Sections 13 and 24.

Variation $13^{\circ} 30'$ East.*Ascend.*20.12 Top of Hill bears *N. e. S.* and descend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.79.91 Intersect *E. B. of Tp. 60* lks. *S. of cor. to secs.*
previously set by me.
13, 18, 19 & 24 from which corner, I run $89^{\circ} 31' W$, on a true line, between sections 13 & 24Variation $13^{\circ} 30'$ East.39.95 Set a post 3 ft. long. 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{4}$ S. on
N. face, dug pits, 18 x 18 x 12 ins., *E.* and *W.* of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

79.91 The corner to sections 13, 14, 23 & 24

Land hilly.

Soil 3° rate

Vegetation grass.

Township

14 N.

BOOK 161

Range

17 E.

BOOK 161

Gila and Salt River Meridian.

Chains

North, between Sections 13 and 14.

Variation

13° 30'

East.

Descend gradually.

40.00

Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.

80.00

Set a Sand stone 19 x 10 x 9 ins. 12 ins. in the ground for Cor. to Secs. 11. 12. 13 & 14 marked with 4 notches on S. and 1 notch on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 2nd rate

Vegetation grass.

Township

14 N.
BOOK [61]

Range

17 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 12 and 13.

Variation $13^{\circ} 30'$ East.

Ascend gradually.

Descend.

40.00

Set temporary $\frac{1}{4}$ Sec. Cor.

44.12

Descend.

80.24 Intersect E. B. of Tp. 52 lks. S. of cor. to secs.
previously set by me.

7.12. 13 & 18 from which corner, I run

S. $89^{\circ} 38' W.$ on a true line, between sections 12 & 13Variation $13^{\circ} 30'$ East.

40.12

Set a sand stone $17 \times 11 \times 6$ ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

80.24

The corner to sections 11, 12, 13 & 14

Land rolling.

Soil 3° rate

Vegetation sage.

Township

14 N.

Range

17 E.

BOOK 161

Gila and Salt River Meridian.

Chains

North, between Sections 11 and 12.

Variation $13^{\circ} 30'$ East.

Descend gradually.

4.70 Cross Wash, 18 lks. wide, Course N. 10° E.

40.00 Set a Sand stone $10 \times 14 \times 8$ 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 and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

44.00 Cross Wash, 15 lks. wide, Course N.W.

80.00 Set a Sand stone $18 \times 18 \times 4$ ins. 12 ins. in the ground for Cor. to Secs. 1, 2, 11 & 12 marked with 5 notches on S. and 1 notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil 3rd rate

Vegetation grass.

Township 14 N. Range 17 E.

BOOK 161 Gila and Salt River Meridian.

Chains

East, on a random line between Sections 1 and 12.

Variation $13^{\circ} 30'$ East.*Ascend.*

18.00 Descend gradually.

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

80.05 Intersect E. B. of Tp. 85 lks. S. of cor. to secs.

1.6. 7. 12 ^{previously set by me.} from which corner, I runS. $89^{\circ} 24' W.$ on a true line, between sections 1 & 12Variation $13^{\circ} 30'$ East.

40.02 Set a sand stone $14 \times 8 \times 6$ ins., 10 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

80.05 The corner to sections 1, 2, 11 & 12

Land rolling.

Soil 2nd & 3rd rate

Vegetation grass.

~~BOOK 161~~
Township

BOOK 161

Range 17 E

Gila and Salt River Meridian.

Chains

North, on a random line between Sections 1 and 2.

Variation 14° 15' East.

Descend.

8.74 Cross Wash, 10 lks. wide, Course N. E.

40.00 Set temporary 1/4 Sec. Cor.

80.30 Intersect N. B. of Tp. 22 lks. E, of cor. to secs. previously set by me.

1.2.35 & 30 from which corner, I run

S. 9° E. on a true line, between sections 1 & 2

Variation 13° 30' East.

40.30 Set a sand stone 14 x 8 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 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside.

80.30 The corner to sections 1.2.11 & 12

Land rolling.

Soil 3rd rate

Vegetation grass.

Henry Meyrick April 17. 1883

Township 14 N Range 17 EBOOK 161

Gila and Salt River Meridian.

~~From the corner to sections, 2, 3, 34, 35 previously set by me.~~Chains Iron North, between Sections 34 and 35.Variation 13° 45' East.

Ascend.

40.00 Set a Sand stone 16 x 6 x 4 ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

53.80 Top of Spur, bears N.E. & S.W. and descend.

63.08 Head of Ravine, Course N.E. and ascend

80.00 Set a Sand stone 20 x 10 x 10 ins. 15 ins. in the ground for Cor. to Secs. 26, 27, 34, 35 marked with 1 notch on S. and 2 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 2nd rate

Vegetation sage.

Township

14 N

Range

17 E

BOOK 161

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 26 and 35.

Variation $13^{\circ} 30'$ East.

Descend gradually.

9.50 Cross Gulch, 50 lks. wide, Course N. E. and ascend.

37.50 Top of Spur, bears N. 20° E. S. 20° W and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

58.25 Cross Creek 10 lks. wide, Course N, and ascend.

77.00 Top of Ridge, bears N. e S. and descend.

79.90 Intersect N. & S. line, 65 lks. S. of cor. to secs.

25, 26, 35 & 36 from which corner, I run

S. $89^{\circ} 32'$ W. on a true line between sections 26 & 35Variation $13^{\circ} 30'$ East

39.98 Set a Sand stone $19 \times 18 \times 4$ ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

79.90 The corner to sections 26, 27, 34 & 35-

Land mountainous.

Soil 2nd rate

Vegetation sage.

✓

Township 14 N. Range 17 E.
 BOOK [61] Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation 13° 30' East.

Ascend.

19.30 Top of Ridge, bears N. E. & S. W. and descend.

40.00 Set a Sand stone 14 x 10 x 3 ins., 10
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W.
face, and raised a mound of stone alongside. Pits
impracticable.

80.00 Set a Sand stone 28 x 16 x 13 ins. 2/ins. in
the ground for Cor. to Secs. 22, 23, 26 & 27 marked
with 2 notches on S. and 2 notches on E. edges and
raised a mound of stone alongside. Pits impracticable.

from which

A Pine 8 ins, diam. bears N. 38° E. 16 lks. dist.
 marked T. 14 N. R. 17 E. S., 23 B. T.

A Pine 7 ins, diam. bears S. 72° W. 32 lks. dist.
 marked T. 14 N. R. 17 E. S., 27 B. T.

A Pine 6 ins, diam. bears S. 78° E. 28 lks. dist.
 marked T. 14 N. R. 17 E. S., 20 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of pine.

Vegetation. sage.

Township

14 N.

Range

17 E.

BOOK 161

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 23 and 26.

Variation $13^{\circ} 30'$ East.*Descend.*40.00 - Set temporary $\frac{1}{4}$ Sec. Cor.43.61 Cross bed of creek 30 lbs. wide, ^{course N. 10° W.} and ascend71.92 Top of Ridge, bears N. 22° W. & S. 22° E and descend.

79.80 Intersect N. & S. line, 40 lks. S. of cor. to secs.

23 24. 25 & 26 from which corner, I run

S. $89^{\circ} 40'$ W. on a true line between sections 23 & 26Variation $13^{\circ} 30'$ East

39.90 Set a sand stone 21 x 14 x 5 ins., 16
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, and raised a mound of stone alongside. Pits
 impracticable.

79.80 The corner to sections 22, 23, 26 & 27.

Land mountainous.

Soil 3rd rate

Vegetation sage.

Township 14 N Range 17 E

BOOK 161

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation $13^{\circ} 30'$ East.*Descend.*

7.22 Cross Creek 30 lks. wide, Course NW. and ascend.

40.00 Set a *same* stone 19 x 12 x 8 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

50.00 Top of Ridge, bears NW. & S. E. and descend.

70.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 14, 15, 22 & 23 marked T, 14 N. S, 14, on N, E, R, 17 E., S. 23 on S, E, S, 22 on S, W, and S, 15 on N, W, face with 3 notches on S, and 2 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base around post.

Land mountainous

Soil 3° rateTimber of *juniper*Vegetation. *grass & sage.*

Township

14 N

Range

17 E

BOOK 161

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 14 and 23.

Variation $13^{\circ} 30'$ East.

Descend gradually.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

44.00 Cross Wash, 10 lks. wide, Course N. and ascend.

79.62 Intersect N. & S. line, 77 lks. S. of cor. to secs.

13. 14. 23 & 24 from which corner, I run

 $S. 89^{\circ} 27' W.$ on a true line between sections 14 & 23Variation $13^{\circ} 30'$ East

39.81 Set a Sand stone $14 \times 6 \times 4$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, dug pits $18 \times 18 \times 12$ ins., E. and W. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

79.62 The corner to sections 14. 15. 22 & 23

Land rolling.

Soil 2nd rate

Vegetation grass.

Township 14 N Range 17 E

BOOK [6]

Gila and Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation 13° 30' East.*Ascend.*

30.07

Top of Hill bears E. & W. and descend.

40.00

Set a Sand stone 17 x 10 x 5 ins., 12
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
 face, and raised a mound of stone alongside. **Pits**
impracticable.

80.00

Set a Lime stone 24 x 10 x 9 ins. 18 ins.
 in the ground for Cor. to Secs. 10, 11, 14 & 15 marked
 with 4 notches on S. and 2 notches on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and
 raised a mound of earth 2 ft. high, 4½ ft. base. alongside.

*Land hilly.*Soil 2nd & 3rd rateVegetation grass.

Township 14 N. Range 17 E.BOOK [61] Gila and Salt River Meridian.Chains East, on a random line between Sections 11 and 14.
Variation 13° 30' East.*Descend.*

- 76 Cross Wash, 10 lks. wide, Course N. 28° W. and ascend.
- 40.00 Set temporary $\frac{1}{2}$ Sec. Cor.
- 41.09 Top of Hill bears N. & S. and descend.
- 72.17 Cross Wash, 20 lks. wide, Course N. 47° E. and ascend.
- 80.10 Intersect N. & S. line, 90 lks. S. of cor. to secs.
11, 12, 13 & 14 from which corner, I run
S. 89° 21' W. on a true line between sections 11 & 14
Variation 13° 30' East
- 40.05 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.
- 80.10 The corner to sections 10, 11, 14 & 15
Land. hilly.
Soil 3rd rate
Vegetation grass.

Township

14 N.

Range

17 E.

BOOK

161

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation

13° 30'

East.

Descend.

.90 Cross Wash, 13 lks. wide, Course N. 20° W.

40.00

Set a sand stone $17 \times 10 \times 9$ ins., 12 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. and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

80.00

Set a Lime stone $21 \times 13 \times 7$ ins. 15 ins. in the ground for Cor. to Secs. 2, 3, 10 & 11 marked with 5 notches on S. and 2 notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.

*Land rolling.*Soil 2nd rate

Vegetation grass.

Township 14 N. Range 17 E.

BOOK 161 Gila and Salt River Meridian.

Chains

East, on a random line between Sections 2 and 11.

Variation $13^{\circ} 30'$ East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.96 Intersect N. & S. line, 56 lks. S. of cor. to secs.

1.2.11 & 12 from which corner, I run

S. $89^{\circ} 36' W.$ on a true line between sections 2 & 11Variation $13^{\circ} 30'$ East39.98 Set a *Lime* stone 16 x 14 x 5 ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable.

79.96 The corner to sections 2, 3, 10 & 11

Land rolling.

Soil 2nd rate

Vegetation grass

Township 14 N. Range 17 E.
 BOOK 161
 Gila and Salt River Meridian.

Chains

North, on a random line between Sections 2 and 3.

Variation $13^{\circ} 30'$ East.

Descend gradually.

18.79 Cross Wash, 19 lks. wide, Course $N. 32^{\circ} E.$ and ascend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.60.00 Top of Hill bears $N. 34^{\circ} E.$ & $S. 34^{\circ} W.$ and descend.79.80 Intersect N. B. of Tp. 13 lks. $E.$ of cor. to secs.
 previously set by me. $2. 3. 34$ & 35 from which corner, I run $S. 6' E.$, on a true line, between sections 2 & 3Variation $13^{\circ} 30'$ East.

39.86 Set a post 3 ft. long, 3 ins. diam. 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. and S. of

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

79.86 The corner to sections 2, 3, 10 & 11

Land hilly.

Soil good rate

Vegetation grass.

E. W. Pearson, Compassman April 17, 1883

Township 14 N Range 17 E

BOOK 161

Gila and Salt River Meridian.

From the corner to sections, 3, 4, 33, 34 ^{S. 12} ~~33~~ ~~34~~ previously set by me.Chains *Survey* North, between Sections 33 and 34.Variation $13^{\circ} 45'$ East.

Ascend.

40.00 Set a *lime* stone $14 \times 8 \times 4$ ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on *W* face, and raised a mound of stone alongside. Pits impracticable.

58.40 Top of Ridge, bears *NE. & S. W.*, and descend.

80.00 Deposited a marked stone, 12 ins. in the ground, for *cor. sec.* 27, 28, 33 & 34, dug pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T. 14 N. S. 27 on N. E. R. 17 E, S. 34 on S. E. S. 33 on S. W and S. 28 on N. W faces, with 1 notch on S. and 3 notches on E. edges.

from which
A Pine 4 ins, diam. bears *N. 55° E.*, 51 lks. dist. marked T. 14 N. R. 17 E. S., 27 B. T.

A Pine 4 ins, diam. bears *N. 78° W.* 21 lks. dist. marked T. 14 N. R. 17 E. S., 28 B. T.

A Pine 4 ins, diam. bears *S. 10° E.* 43 lks. dist. marked T. 14 N. R. 17 E. S., 34 B. T.

No other trees within limits.

Land mountainous

Soil *3rd* rate

Timber of *pine.*

Vegetation. *grass.*

Township 14 N. Range 17 E.
 BOOK 161 Gila and Salt River Meridian.

Chains

East, on a random line between Sections 27 and 34.

Variation $13^{\circ} 30'$ East.

Ascend.

20.00 Top of Spur, bears N. & S. and descend.

39.00 Cross Gulch, 50 lks. wide, Course N. 13° East and ascend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

63.00 Top of Ridge, bears N.E. & S.W. and descend.

79.81 Intersect N. & S. line, 93 lks. S, of cor. to secs.

26.27 34-35 from which corner, I run

S. $89^{\circ} 20'$ W. on a true line between sections 27 & 34Variation $13^{\circ} 30'$ East

39.90 Set a *limestone* stone $16 \times 12 \times 5$ ins., 10
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, and raised a mound of stone alongside. Pits
 impracticable.

79.81 The corner to sections 27. 28. 33 & 34

Land mountainous

Soil 3° rateTimber of *pine & juniper*.Vegetation. *grass.*

Township

14 N

Range

17 E

BOOK

161

Gila and Salt River Meridian.

Chains

North, between Sections 27 and 28.

Variation $13^{\circ} 30'$ East.*Descend.*

- .50 Cross Gulch, 20 lks. wide, Course $N20^{\circ}E$ and ascend.
- 28.00 Top of Spur, bears E. & W. and descend.
- 40.00 Set a *lime* stone $39 \times 20 \times 12$ ins., 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

50.17 Cross Gulch, 20 lks. wide, Course E, and ascend.

- 80.00 Set a *sand* stone $20 \times 18 \times 8$ ins. 16 ins. in the ground for Cor. to Secs. 21, 22, 27 & 28 marked with 2 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

*Land rolling.**Soil 3rd rate**Vegetation grass.*

Township 14 N Range 17 E

Gila and Salt River Meridian.

BOOK 161

Chains

East, on a random line between Sections 22 and 27.

Variation $13^{\circ} 30'$ East.

Descend.

30.70 Cross Creek 30 lks. wide, Course N. and ascend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

40.47 Top of Ridge, bears N. & S. and descend.

50.84 Cross Gulch, 20 lks. wide, Course N. and ascend.

79.98 Intersect N. & S. line, 115 lks. S. of cor. to secs.

22.23.26 & 27 from which corner, I run

S. $89^{\circ} 11'$ W. on a true line between sections 22 & 27

Variation $13^{\circ} 30'$ East

39.99 Set a Sand stone $14 \times 6 \times 4$ ins., 10

ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.

face, and raised a mound of stone alongside. Pits

impracticable.

79.98 The corner to sections 21. 22. 27 & 28.

Land mountainous.

Soil 3° rate

Vegetation grass.

Township 14 N.

Range 17 E.

BOOK 161

Gila and Salt River Meridian.

Chains North, between Sections 21 and 22.

Variation 13° 30' East.

Ascend gradually.

34.00 Top of Hill bears E. & W. and descend.

40.00 Set a Sand stone 16 x 14 x 4 ins., 10 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, and raised a mound of stone alongside. Pits impracticable.

68.30 Cross Creek 35 lks. wide, Course N 88° E. and ascend.

80.00 Set a Sand stone 21 x 16 x 6 ins. 10 ins. in the ground for Cor. to Secs. 15, 16, 21 & 23 marked with 3 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land hilly.

Soil 3rd rate

Timber of juniper.

Vegetation. grass.

Township 14 N Range 17 E

BOOK [67] Gila and Salt River Meridian.

Chains East, on a random line between Sections 15 and 22.

Variation $13^{\circ} 30'$ East.

Ascend.

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.46.00 Top of Ridge, bears *N.W. & S.E.* and descend.

80.37 Intersect N. & S. line, 84 lks. S. of cor. to secs.

14. 15. 22 & 23 from which corner, I run

S $89^{\circ} 24'$ W. on a true line between sections 15 & 22Variation $13^{\circ} 30'$ East

40.18 Set a Sand stone $14 \times 8 \times 6$ ins., 10 ins.
in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face,
dug pits $18 \times 18 \times 12$ ins., *E.* and *W.* of stone $5\frac{1}{2}$
ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base alongside.

80.37 The corner to sections 15. 16. 21 & 22.

Land mountainous

Soil 3° rateTimber of *juniper*.Vegetation. *grass*.

Township

14 N

Range

17 E

BOOK 161

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation

13° 30'

East.

Ascend.

40.00

Set a Sand stone 17 x 13 x 9 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

54.20

Top of Ridge, bears N 39° W, and S 39° E, and descend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 9, 10, 15 & 16 marked T. 14 N. S. 10, on N. E., R. 17 E., S. 15 on S. E., S. 16 on S. W, and S. 9 on N. W. face, with 4 notches on S. and 3 notches on E. edges; and raised a mound of stone 2 ft. high, 4½ ft. base around post. Pits impracticable.

*Land mountainous**Soil 3rd rate**Timber of juniper.**Vegetation. grass.*

Township 14 N Range 17 EBOOK 161 Gila and Salt River Meridian.Chains East, on a random line between Sections 10 and 15.
Variation 13° 30' East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

40.19 Cross low Sag and ascend.

60.00 Descend gradually.

79.89 Intersect N. & S. line, 57 lks. S. of cor. to secs.

10. 11. 14 & 15 from which corner, I run

S. 89° 36' W. on a true line between sections 10 & 15

Variation 18° 30' East

39.94 Set a *lime* stone 15 x 14 x 10 ins., 10 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E and W. of stone 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside.

79.89 The corner to sections 9. 10. 15 & 16

*Land rolling.*Soil 2nd rateVegetation grass.

Township 14 N Range 14 E

BOOK 161 Gila and Salt River Meridian.

Chains North, between Sections 9 and 10.

Variation 13° 30' East.

Descend.

32.53 Cross Wash, 20 lks. wide, Course N. 28° W.
40.00 Set a Sand stone 28 x 17 x 9 ins., 21 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone alongside. Pits impracticable.

30.00 Set a Limestone stone 24 x 10 x 8 ins. 18 ins. in the ground for Cor. to Secs. 3, 4, 9 & 10 marked with 5 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3rd rate

Vegetation grass.

Township 14 N. Range 17 E.

BOOK 161 Gila and Salt River Meridian.

Chains East, on a random line between Sections 3 and 10.
 Variation 13° 30' East.

*Over rolling land.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

70.00 Cross Wash, 23 lks. wide, Course N 35° E.

79.74 Intersect N. & S. line, 75 lks. S. of cor. to secs.

2, 3, 10 & 11 from which corner, I run

S 89° 28' W. on a true line between sections 3 & 10

Variation 13° 30' East

39.87 Set a *Lime* stone 21 x 12 x 6 ins., 15
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, and raised a mound of stone alongside. Pits
 impracticable.

79.74 The corner to sections 3, 4, 9 & 10

Land rolling.

Soil 2nd rate

Vegetation grass.

Township

14 N.

Range

17 E.

Gila and Salt River Meridian.

BOOK 161

Chains

-North, on a random line between Sections 3 and 4.

Variation $13^{\circ} 30'$ East.

Descend.

49 Cross Wash, 17 lks. wide, Course $N 22^{\circ} E$ and ascend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

80.10 Intersect N. B. of Tp. 7 lks. W. of cor. to secs.

previously set by me:
34, 33 & 34 from which corner, I run

S. 3' W. on a true line, between sections 3 & 4

Variation $13^{\circ} 30'$ East.

40.10 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

80.10 The corner to sections 3, 4, 9 & 10

Land rolling.

Soil 3rd rate

Vegetation Grass.

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

Henry Meyrick April 18. 1883

Township 14 N Range 17 E.

BOOK 161

Gila and Salt River Meridian.

From the corner to sections, 4, 5, 32 & 33 previously set by me.
Chains *Iron* North, between Sections 32 and 33.Variation $13^{\circ} 30'$ East.

Ascend.

30.00 Top of Ridge, bears $E. \& W.$ and descend.40.00 Set a Sand stone $10 \times 10 \times 6$ 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. and S. of stone $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.63.00 Cross Wash, 15 lks. wide, Course $E.$ and ascend.70.00 Set a Sand stone $19 \times 12 \times 12$ ins. 12 ins. in the ground for Cor. to Secs. 28, 29, 32 & 33 marked with / notch on S. and H notches on E. edges and raised a mound of stone alongside. Pits impracticable. from which
A Pine 7 ins, diam. bears $N. 11^{\circ} E.$ 85 lks. dist.

marked T. 14 N. R. 17 E. S., 28 B. T.

A Pine 9 ins, diam. bears $N. 25^{\circ} W.$ 108 lks. dist.

marked T. 14 N. R. 17 E. S., 29 B. T.

A Pine 8 ins, diam. bears $S. 68^{\circ} E.$ 45 lks. dist.

marked T. 14 N. R. 17 E. S., 33 B. T.

No other trees within limits.

Land mountainous

Soil 3^d rate

Timber of pine.

Vegetation. grass.

Township

14 N

Range

17 E

Gila and Salt River Meridian.

BOOK 161

Chains

East, on a random line between Sections 28 and 33.

Variation $13^{\circ} 30'$ East.

Descend gradually.

26.60 Cross Wash, 10 lks. wide, Course N. E. and ascend.

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

50.00 Top of Spur, bears N. & S. and descend.

79.81 Cross Gulch, 20 lks. wide, Course N. 18 $^{\circ}$ E and ascend.

80.27 Intersect N. & S. line, 61 lks. S. of cor. to secs.

27, 28, 33 & 34 from which corner, I run

S. 89 $^{\circ}$ 34' W. on a true line between sections 28 & 33Variation $13^{\circ} 30'$ East40.13 A Pine 8 ins, diam. which I marked $\frac{1}{2}$ S. onN. face, for $\frac{1}{2}$ Sec. Cor.; from whichA Pine 10 ins, diam. bears S 5 $^{\circ}$ E. 14 lks. dist.marked $\frac{1}{2}$ S. B. T.A Pine 8 ins, diam. bears N. 78 $^{\circ}$ E. 58 lks. dist.marked $\frac{1}{2}$ S. B. T.

80.27 The corner to sections 28, 29, 32 & 33

Land mountainous

Soil 3 rd rate

Timber of pine.

Vegetation. grass.

Township 14 N. Range 17 E.

Gila and Salt River Meridian.

BOOK 161

Chains North, between Sections 28 and 29.

Variation 13° 30' East.

Ascend gradually.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

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

50.00 Top of Spur, bears N.E. & S. W. and descend.

80.00 Set a Sand stone 29 x 19 x 4 ins. 21 ins. in
 the ground for Cor. to Secs. 20, 21, 28 & 29 marked
 with 2 notches on S. and 4 notches on E. edges and
 raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3rd rate

Timber of Pine

Vegetation. grass.

Township

14 N.

Range

17 E.

Gila and Salt River Meridian.

BOOK 161

Chains

East, on a random line between Sections 21 and 28.

Variation $13^{\circ} 30'$ East.

Descend gradually.

30.14 Cross Canon, 70 lks. wide. Course S. E.

30.80 A Spring, bears N. 4.50 lks. dist. and ascend

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

70.33 Top of Spur, bears N. & S. and descend.

79.68 Intersect N. & S. line, 70 lks. S. of cor. to secs.

21, 22, 27 & 28 from which corner, I run

S. $89^{\circ} 30'$ W. on a true line between sections 21 & 28Variation $13^{\circ} 30'$ East

39.54 Set a sand stone $25 \times 16 \times 8$ ins., 18
 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
 face, and raised a mound of stone alongside. Pits
 impracticable.

79.68 The corner to sections 20, 21, 28 & 29

Land rolling.

Soil 3rd rate

Vegetation grass.

Township 14 N. Range 17 E.

BOOK 161 Gila and Salt River Meridian.

Chains North, between Sections 20 and 21.
Variation 13° 30' East.

Descend gradually.

35.68 Cross Canon, ^{to} the wide Course N. E. and ascend
39.93 Top of Spur, bears E. & W. and descend.
40.00 Set a *lime* stone 25 x 13 x 12 ins., 18
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W.
face, and raised a mound of stone alongside. Pits
impracticable. from which
a Pine 10 ins, diam. bears S. 88° W. 51 lks. dist.
marked 1/4 S. B. T. No other trees within limits.

55.00 Cross Wash, 20 lks. wide, Course E. and ascend.
80.00 Set a *lime* stone 19 x 13 x 7 ins. 12 ins. in
the ground for Cor. to Secs. 16, 17, 20 & 21 marked
with 3 notches on S. and 4 notches on E. edges and
raised a mound of stone alongside. Pits impracticable.

Land rolling.
Soil 3rd rate
Vegetation grass.

Township

14 N

Range

17 E

Gila and Salt River Meridian.

BOOK 161

Chains

East, on a random line between Sections 16 and 21.

Variation $13^{\circ} 30'$ East.

Descend.

25.09 Cross Wash, 30 lks. wide, Course N. and ascend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.46.83 Top of Spur, bears $N. 14^{\circ} W.$ & $S. 14^{\circ} E.$ and descend.

68.46 Cross Creek 100 lks. wide, Course NW. and ascend.

79.86 Intersect N. & S. line, 53 lks. S. of cor. to secs.

15. 16. 21. 22 from which corner, I run

 $189^{\circ} 37' W.$ on a true line between sections 16 & 21Variation $13^{\circ} 30'$ East89.93 Set a Lime stone $17 \times 12 \times 10$ ins., 12ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.

face, and raised a mound of stone alongside. Pits

impracticable.

79.86 The corner to sections 16. 17. 20 & 21

Land rolling.

Soil 3^{rd} rate

Vegetation grass.

Township 14 N. Range 17 E.

BOOK 161 Gila and Salt River Meridian.

Chains

North, between Sections 16 and 17.

Variation $13^{\circ} 38'$ East.*Ascend.*24.00 Top of Spur, bears $N. 81^{\circ} E.$ & $S. 81^{\circ} W.$ and descend.40.00 Set a sand stone $21 \times 14 \times 7$ ins., 16 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on face, and raised a mound of stone alongside. Pits impracticable.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 8, 9, 16 & 17 marked T. 14 N. S. 9, on N, E., R. 17 E., S. 16 on S. E., S. 17 on S. W, and S. 8 on N. W. face, with 4 notches on S. and 4 notches on E. edges; and raised a mound of stone 2 ft. high, $4\frac{1}{2}$ ft. base around post. Pits impracticable.

Land rolling.

Soil 3rd rate

Vegetation grass.

Township

14 N

Range

17 E

Gila and Salt River Meridian.

BOOK 161

Chains

East, on a random line between Sections 9 and 16.

Variation

13° 30'

East.

Descend.

12.80

Crossed bed of creek in canon ^{Course N.} 34 lks. and ascend

40.00

Set temporary $\frac{1}{4}$ Sec. Cor.

56.90

Top of Ridge, bears N. 21° W. & S. 21° E. and descend.

80.08

Intersect N. & S. line, 10 lks. S. of cor. to secs.

9, 10, 15 & 16 from which corner, I run

S. 89° 53' W. on a true line between sections 9 & 16

Variation 13° 30'

East

70.04

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

80.08

The corner to sections 8, 9, 16 & 17

Land mountainous.

Soil 3rd rate

Vegetation grass.

Township 14 N Range 17 E

BOOK 161

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation 13° 30' East.*Descend.*

31.65 Cross Creek 60 lks. wide, Course NW. and ascend.
 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone
 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on
 W. face, and raised a mound of stone $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base around post. Pits impracticable.

80.00 Set a *lime* stone 19 x 17 x 7 ins. 12 ins. in
 the ground for Cor. to Secs. 4, 5, 8 & 9 marked
 with 5 notches on S. and 4 notches on E. edges and
 raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3rd rateVegetation grass.

Township

14 N

Range

17 E

Gila and Salt River Meridian.

BOOK 161

Chains

East, on a random line between Sections 4 and 9.

Variation $13^{\circ} 30'$ East.*Ascend.*

21.77 Top of Ridge, bears N. & S. and descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79. Cross wash course North

80.16 Intersect N. & S. line, $\frac{1}{4}$ Sec. at- of cor. to sec.

34.9 & 10 from which corner, I run

W. on a true line between sections 4 & 9
Variation $13^{\circ} 30'$ East40.08 Set a *limestone* stone 17 x 11 x 9 ins., 12
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N
face, and raised a mound of stone alongside. Pits
impracticable.

80.16 The corner to sections 4, 5, 8 & 9

Land mountainous.

Soil 3rd rate

Vegetation grass.

Township 14 N. Range 17 E.

BOOK 161

Gila and Salt River Meridian.

Chains

North, on a random line between Sections 4 and 5.

Variation $13^{\circ} 30'$ East.

Descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.77 Intersect N. B. of Tp. 14 N. 19 W. of cor. to secs.
previously set by me.

H. S. 32 & 33 from which corner, I run

S. 21' W. on a true line, between sections 4 & 5

Variation $13^{\circ} 30'$ East.39.77 Set a post 3 ft. long. 3 ins. diam. 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. and S. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

79.77 The corner to sections H. S. 8 & 9

Land rolling.

Soil 3rd rate

Vegetation grass.

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

G. W. Pearson, Compassman, April 18, 1883

Township

14 N

Range

17 E

Gila and Salt River Meridian.

BOOK 161

From the corner to sections, 5, 6, 31 & 32 previously set by me.

Chains

Run North, between Sections 31 and 32.

Variation

13° 30'

East.

Descend.

31.00 Cross Wash, 29 lks. wide, Course NW and ascend.

40.00 Set a Lime stone 20 x 18 x 10 ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits impracticable.

80.00 Set a Lime stone 21 x 13 x 11 ins. 15 ins. in the ground for Cor. to Secs. 29, 30, 31 & 32 marked with 1 notch on S. and 5 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

A Pine 5 ins, diam. bears N. 88° E. 41 lks. dist. ^{from which}
marked T. 14 N. R. 17 E. S., 29 B. T.A Pine 8 ins, diam. bears S. 15° W. 80 lks. dist.
marked T. 14 N. R. 17 E. S., 31 B. T.A Pine 7 ins, diam. bears N. 13° W. 39 lks. dist.
marked T. 14 N. R. 17 E. S., 30 B. T.

No other trees within limits

Land rolling.

Soil 3rd rate

Timber of pine.

Vegetation. grass

Township

BOOK 161

14

N

Range

17 E.

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 29 and 32.

Variation $13^{\circ} 30'$

East.

*Ascend.*27.19 Top of Ridge, bears *NW & S. E.* and descend.40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

80.43 Intersect N. & S. line, 126 lks. S. of cor. to secs.

28.29.32.33 from which corner, I run

 $189^{\circ} 6'$ W. on a true line between sections 29 & 32Variation $13^{\circ} 30'$ East

40.21 Set a post 3 ft. long, 3 ins. diam. with marked stone
 12 i.s. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on
 N. face, dug pits, 18 x 18 x 12 ins., E. and W. of
 post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
 high, $3\frac{1}{2}$ ft. base around post.

80.43 The corner to sections 29. 30. 31 & 32

Land mountainous

Soil 3rd rate

Timber of pine

Vegetation. grass

Henry Meyrick April 19. 1883

Township

14 N

Range

17 E

Gila and Salt River Meridian.

BOOK 161

Chains

West, on a random line between Sections 30 and 31.

Variation $13^{\circ} 30'$ East.

Descend gradually.

30.27 Cross Wash, 15⁻ lks. wide, Course N. and ascend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.53.00 Top of Spur, bears N. 15° W. & S. 15° E and descend.87.42 Intersect W. B. of Tp. 67 lks. N. of cor. to secs.
previously set by me.

25.30. 31 & 30, from which corner, I run

N. $89^{\circ} 34'$ E, on a true line, between sections 30 & 31Variation $13^{\circ} 30'$ East.

47.42 Set a post 3 ft. long. 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{2}$ S. on
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

87.42 The corner to sections 29. 30. 31 & 32

Land rolling.

Soil 3rd rate

Vegetation grass.

G. W. Pearson Compassman. April 19, 1883

Township

14 N

BOOK 161

Range

17 E

48

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation $13^{\circ} 30'$ East.

Ascend.

26.85 Top of Spur, bears N. 30° W. & S. 30° E and descend.40.00 Set a Sand stone $20 \times 20 \times 4$ ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside. Pits

impracticable.

from which

A Pine 3 ins, diam. bears N. 80° W. 67 lks. dist. marked $\frac{1}{4}$ S. B. T.A Pine 4 ins, diam. bears N. 39° E. 68 lks. dist. marked $\frac{1}{4}$ S. B. T.

79.00 Enter Flat bears N.W.

80.00 Set a Sand stone $20 \times 11 \times 7$ ins. 15 ins. in the ground for Cor. to Secs. 19, 20, 29 & 30 marked with 2 notches on S. and 5 notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.Land rolling. ~~and~~ level.Soil 3rd rate

Vegetation grass.

Timber of pine.

Township 14 N

Range 17 E

BOOK 161

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 20 and 29.

Variation $13^{\circ} 30'$ East.

Descend.

6.57 Cross Wash, 16 lks. wide, Course N.W. and ascend.

23.18 Top of Ridge, bears N. & S. and descend.

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.63.00 Cross Canon, 21 lks. wide, Course N 10° E and ascend

80.22 Intersect N. & S. line, 93 lks. S. of cor. to secs.

20, 21, 28 & 29 from which corner, I run

 $S 89^{\circ} 20' W.$ on a true line between sections 20 & 29Variation $13^{\circ} 30'$ East

40.11 Set a sand stone 14 x 6 x 6 ins., 10
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

80.22 The corner to sections 19, 20, 29 & 30

Land mountainous

Soil 3rd rate

Timber of pine.

Vegetation. grass.

Henry Meyrick April 19, 1883

Township 14 N Range 17 E

BOOK 161 Gila and Salt River Meridian.

Chains West, on a random line between Sections 19 and 30.

Variation $13^{\circ} 30'$ East.*Ascend gradually.*30.00 Top of Spur, bears *N. & S.* and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.55.00 Cross Wash, 18 lks. wide, Course *N.* and ascend.87.53 Intersect *W. B.* of Tp. 81 lks. *N.* of cor. to secs.*previously set by me.*
19. 24. 25 & 30 from which corner, I run*N. 89° 28' E.* on a true line, between sections 19 & 30Variation $13^{\circ} 30'$ East.47.53 Set a *lime* stone 14 x 8 x 4 ins., 10ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on *N.*

face, and raised a mound of stone alongside. Pits

impracticable.

87.53 The corner to sections 19. 20. 29 & 30

Land rolling.

Soil *3rd* rateTimber of *pine.*Vegetation. *grass.*

G. W. Pearson, Compassman April 19, 1883

Township 14 N BOOK 161 Range 17 E

BOOK 161 Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation $13^{\circ} 30'$ East.

Descend gradually.

- 9.00 Head of Ravine, Course $N. 10^{\circ} W.$
- 21.00 Cross Wash, 12 lks. wide, Course $N. 10^{\circ} E.$
- 22.00 Cross Wash, 12 lks. wide, Course $N. 10^{\circ} W.$ and ascend
- 40.00 Set a *lime* stone $20 \times 12 \times 11$ ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on $W.$ face, and raised a mound of stone alongside. Pits impracticable. from which
- A Pine 41 ins, diam. bears $S. 35^{\circ} W.$ 6 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits. on
- Top of Spur, bears $E. \text{ e } W.$ and descend.
- 57.00 Cross Gulch, 60 lks. wide, Course $N. 20^{\circ} E.$
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 17, 18, 19 & 20 marked T, 14 N. S. 17, on N, E, R, 17 E., S. 20 on S, E, S, 19 on S, W, and S, 18 on N, W, face with 3 notches on S, and 5 notches on E, edges, dug pits $18 \times 18 \times 12$ ins, in each Sec., $5\frac{1}{2}$ ft, dist., and raised a mound of earth 2 ft, high, $4\frac{1}{2}$ ft, base around post.
- Land mountainous
- Soil 3rd rate
- Timber of *pine*.
- Vegetation. *grass*.

Township 14 N Range 17 EBOOK 161

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 17 and 20.

Variation 13° 30' East.

Descend.

- 8.43 Cross Wash, 23 lks. wide, Course N. and ascend.
- 35.10 Top of Ridge, bears N. 9° E. & S. 9° W. and descend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 80.13 Intersect N. & S. line, 04 lks. S. of cor. to secs. 16, 17, 20 & 21 from which corner, I run S. 89° 33' W. on a true line between sections 17 & 20
Variation 13° 30' East
- 40.06 Set a Leinie stone 20 x 13 x 4 ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable. from which
- A Pine 5 ins, diam. bears S. 35° W. . 56 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.
- 80.13 The corner to sections 17, 18, 19 & 20
Land mountainous
Soil 3rd rate
Timber of Yonie.
Vegetation. grass.
Henry Meyrick April 19, 1883

Township 14 N Range 17 EBOOK 161 Gila and Salt River Meridian.

Chains

West, on a random line between Sections 18 and 19.

Variation $13^{\circ} 30'$ East.

Descend.

- 11.70 Enter creek bed. $60^{\circ} 22' E$.
- 21.70 Leave creek bed $60^{\circ} S. E.$ and ascend
 39.47 cross creek 53 fms. wide, course $N. 15^{\circ} E$.
 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 73.12 Top of Ridge, bears $N. 55^{\circ} E.$ & $S. 55^{\circ} W$ and descend.
- 76.67 A cabin 5.15 chs South of line.
- 87.74 Intersect W. B. of Tp. 108 lks. N. of cor. to secs.
 previously set by me.
 13. 18. 19 & 24 from which corner, I run
 $N. 89^{\circ} 15' E.$ on a true line, between sections 18 & 19
 Variation $13^{\circ} 30'$ East.
- 47.74 Set a lime stone $30 \times 13 \times 9$ ins., 22
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
 face, and raised a mound of stone alongside. Pits
 impracticable.
- 87.74 The corner to sections 17. 18. 19 & 20
 Land mountainous
 Soil 3rd rate
 Timber of pine.
 Vegetation. grass.
- G. W. Pearson Compass run April 19. 1883

Township 14 N

BOOK 161
Range 17 E

BOOK 161

Gila and Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation 13° 30' East.

Descend.

9.90 Cross Creek 60 lks. wide, Course N54°E and ascend.

40.00 Set a Sand stone 27 x 16 x 8 ins., 21 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone alongside. Pits impracticable.

80.00 Set a Sand stone 33 x 17 x 5 ins. 24 ins. in the ground for Cor. to Secs. 7, 8, 17 & 18 marked with 4 notches on S. and 5 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 3° rate

Vegetation grass.

Township

14 N

Range

17 E

BOOK 161

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 8 and 17.

Variation $13^{\circ} 30'$ East.

Descend.

30.28 Cross Creek 40 lks. wide, Course N. 21° E and ascend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.59.33 Top of Spur, bears N. 11° E. & S. 11° W and descend.79.97 Intersect N. & S. line, 84 lks. S. of cor. to secs.
8, 9, 16 & 17 from which corner, I run $189^{\circ} 24'$ W. on a true line between sections 8 & 17Variation $13^{\circ} 30'$ East39.98 Set a *lime* stone 21 x 16 x 7 ins., 15
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

79.97 The corner to sections 7, 8, 17 & 18

Land rolling.

Soil 3rd rate

Vegetation grass.

Henry Meyrick April 19, 1883

Township

14 N

Range

17 E

BOOK 161

Gila and Salt River Meridian.

Chains

West, on a random line between Sections 7 and 18.

Variation $13^{\circ} 30'$ East.

Ascend.

19.14 Top of Ridge, bears $N. 24^{\circ} E.$ & $S. 24^{\circ} W.$ and descend.36.33 Cross Wash, 24 lks. wide, Course $N. 10^{\circ} E.$ and ascend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.58.09 Intersect W. B. of Tp. 74 lks. N. of cor. to secs.
previously set by me.

7. 12. 13 & 18 from which corner, I run

 $N. 89^{\circ} 31' E.$ on a true line, between sections 7 & 18Variation $13^{\circ} 30'$ East.

48.09 Set a post 3 ft. long, 3 ins. diam. with marked stone
12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of
post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.

88.09 The corner to sections 7. 8. 17 & 18

Land mountainous

Soil 3rd rate

Timber of ferns.

Vegetation. grass.

G. W. Pearson Compassman April 19. 1883

Township

14 N

Range

17 E

BOOK 161

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

13° 30'

East.

Ascend.

29.50

Top of Ridge, bears N 36° E. S 36° W and descend.

40.00

Set a post 3 ft. long, 3 ins. diam. 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. and S. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.

20.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 5, 6, 7 & 8 marked T, 14 N. S. 5, on N, E, R, 17 E, S. 8 on S, E, S, 7 on S, W, and S, 6 on N, W, face with 5 notches on S, and 5 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec., $5\frac{1}{2}$ ft. dist., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land mountainous

Soil 3rd rate

Timber of pine.

Vegetation. grass

Township

14 N.

Range

17 E.

BOOK 161

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 5 and 8.

Variation $13^{\circ} 30'$ East.*Ascend.*21.00 Top of Ridge, bears $N. 3^{\circ} E.$ & $S. 3^{\circ} W.$ and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.42.12 Cross Creek "60 yds. wide. Course $N. 5^{\circ} W.$ and ascend.

79.81 Intersect N. & S. line, 38 yds. S. of cor. to secs.

4.5. 8 & 9 "from which corner, I run

 $S. 89^{\circ} 14' W.$ on a true line between sections 5 & 8Variation $13^{\circ} 30'$ East39.90 Set a Sand stone $18 \times 11 \times 9$ ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.

face, and raised a mound of stone alongside. Pits

impracticable.

from which

A Pine 9 ins. diam. bears $S. 45^{\circ} W.$ 19 yds. dist.
marked $\frac{1}{4}$ S. B. T.A Pine 6 ins. diam. bears $S. 10^{\circ} E.$ 13 yds. dist.
marked $\frac{1}{4}$ S. B. T.

79.81 The corner to sections 5, 6, 7 & 8

Land mountainous

Soil 3rd rate

Timber of pine.

Vegetation. grass.

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

Henry Meyrick April 19, 1883

Township

14 N.

Range

17 E

BOOK 161

Gila and Salt River Meridian.

Chains

West, on a random line between Sections 6 and 7.

10.00

cross wash corner north
Ascend.Variation $13^{\circ} 30'$

East.

40.00

Set temporary $\frac{1}{4}$ Sec. Cor.

50.09

Top of Ridge, bears N. E. & S. W. and descend.

88.60

Intersect W. B. of Tp. 96 lks. N. of cor. to secs.
previously set by me.

16. 7 & 12 from which corner, I run

N. $89^{\circ} 23'$ E. on a true line, between sections 6 & 7Variation $13^{\circ} 30'$ East.

48.60

Set a *lime* stone 14 x 9 x 8 ins., 10
ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N.
face, and raised a mound of stone alongside. Pits
impracticable.

88.60

The corner to sections 5, 6, 7 & 8

Land mountainous.

Soil 3° rate

Vegetation grass.

Township 14 N Range 17 E

BOOK 161

Gila and Salt River Meridian.

Chains

North, on a random line between Sections 5 and 6.

Variation 18° 30' East.

Descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.71.50 Cross Wash, 30 lks. wide, Course N 26° E and ascend.79.46 Intersect N.E. of Tp. 16 lks. W. of cor. to secs.
previously set by me.

5. 6. 31 & 32 from which corner, I run

S. 7° W. on a true line, between sections 5 & 6Variation 18° 30' East.

39.46 Set a Sand stone 21 x 12 x 9 ins., 15

ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.

face, and raised a mound of stone alongside. Pits

impracticable.

79.46 The corner to sections 5. 6. 7 & 8

Land rolling.

Soil 3rd rate

Vegetation grass.

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

G. W. Pearson, Compassman April 19. 1883

GENERAL DESCRIPTION.

BOOK 161

This is a high rough Tp., covered with thick firnifer in all parts, and scattering grass with but little underbrush.

The surface is rocky in many parts.

Soil 2nd & 3rd pale

East branch of Cheloni's Fork runs through this Tp. water sinks and raises alternately
A. cabin on Sec. 19.

For Field Notes see
Book No. 19.

U. S. Surveyor General's Office,

Tucson, Arizona,

July 5, 1884

The foregoing Field Notes of the Survey of the

Subdivision Lines of
 Township 14 North
 Range 14 East

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

Henry Meyrick Jr.

Deputy Surveyor, under his contract of the

28th

day of

July

, 1884, having been

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

Reuben Johnson
 Surveyor General.