

1587

BOOK 1587

1587

"Exteriors"

4-671

BOOK 1587

FIELD NOTES

GENERAL LAND OFFICE.

T. D. K. 24E and T. D. S. K. 25E

1587

1886

25th 188

188

Field Notes 1587

Of the Survey of the South Boundary

of

S. 7 S. R. 24 E.

and

that and South
Boundaries

N. 8 S. R. 25 E.

of theGila and Salt River Basins and Mendocino
Territory of ArizonaAs surveyed by

Clarence B. Wallace;

U.S. Deputy Surveyor

Under his Contract No 3 Dated April 26. 1886

Survey commenced Oct. 25th 1886Survey completed Nov. 18th 1886

IA

Duties and names of assistants

Frank L. Lewis - - - Chairman
C. E. Norton - - - Chairman
A. B. Ford - - - Axeman
H. W. Callahan - - Axeman
H. E. Mc Bride - - - Flagman

For Preliminary and Final Catches
see Books Nos. 1, 6, 7, 9, 10 and 15.

BOOK 1587

South Boundary

T. 7 S. R. 24 E.

31	32	33	34	35	36
5	7	8	9	10	11
6	5	4	3	2	1

115 6

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1216 7

Index
 South and West
 Boundaries
 For portions run
 of
 T. 8 S. R. 25 E.

				35	36
				20	18
				2	1

BOOK 1587

T 7 S. R 24 E.

South Boundary Page 3
West " " 15



Preliminary Oaths of Assistants.

We I C. E. Norton

and _____

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain over even and uneven ground, and plumb the tally pins, either 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 assist in measuring, to the best of our skill and ability and in accordance with instructions given us in the survey of the line necessary lines to complete the exterior and subdivisions of T. 7 S. R. 34 E., N. 8 S. R. 25 E. T. 16 and 17 S. R. 21 E. T. 16, 17 and 18 S. R. 22 E. of the Gila and Salt River Base and meridian Territory of Arizona.

C. E. Norton

Chainman.

Chainman.

Subscribed and sworn to before me, this 23rdday of October 1886Graham
Co.
ArizonaJames H. Martineau
Notary Public.

We I, J. A. McBride,

do solemnly swear that we will well and truly perform the
duties of alman

in the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability,
in the survey of the line necessary to complete
the extent and subdivision of Tps
7 S R 24 E Tps 8 S R 25 E Tps 16 & 17
8 R 21 E Tps 16, 17 and 18 S R 22 E of the
gila and Salt River Base and Meridian
Territory of Arizona.

J. A. McBride

Subscribed and sworn to before me this 23

day of October 1886

Graham
Co.
Arizona

James H. Martineau

Notary Public.

I, *Wm E McBride*, do solemnly swear that I will well and truly perform the duties of *Flagman* according to instructions given *me* and to the best of *my* skill and ability.

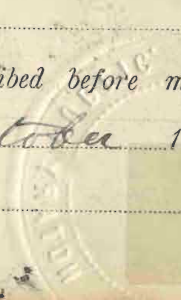
Wm E McBride Flagman



Sworn to and subscribed before me this *23rd* day of *October* 188*6*
James H. Martineau

..... do solemnly swear that
will well and truly perform the duties of
according to instructions given and to the best of
..... skill and ability.

Sworn to and subscribed before me this
23rd day of *October* 188*6*



South Boundary N. 7 S. R. 24 E.

Survey commenced Oct. 25th 1886
with a Gurley Solar Transit.

The duty of H. H. Callahan was
changed from plainman to tax-
man and that of A. B. Ford from
Flagman to taxman.

Having discharged B. A. Crawford
and W. E. Eads, I substitute C. E.
Norton as chairman and W. E. W. Bick
a Flagman. The duties of the other
assistants remaining unchanged

I begin at the corner to N. 7 and 8 S.
R. 24 and 25 E, which is a granite
rock 12 x 8 ins. standing 12 ins high
and firmly set in the ground marked
with 6 notches on the N. S. E. and W.
edges and a large monument of

South bdy T. 7 S. R. 24 E.

stone alongside.

From that on a random line to townships 7 and 8 S. Variation by my instrument being $13^{\circ} E$, 222 temporary half mile and mile corners at each 40 and 80 chains and find the line to be 5 mi. 76 chs and 86 links, falling to be 290 chs to the south of corner to Tps 7 and 8 S. R's 23 and 24 E. The correction for the true line will therefore be 486 links North per mile and its course will be $S. 89^{\circ} 29' E$.

By observation I find the latitude of this line to be $32^{\circ} 49' - 51'' N$.

From the cor. to Tps 7 and 8 S. R's 23 and 24 E which is a granite stone firmly set in the ground for corner marked with 6 notches on N. S. E. and

South side N. 7 S. R. 2 E.

N. edge with a monument of stone
alongside.

Thence S 89° 39' E, on a true line 67. sec.
6 and 31.

Variation 13° E.

Descend from hill.

19.36 Foot of hill at creek 15 lks wide
course N.

21.00 ascend hill.

23.56 Ravine 20 lks wide, course N.

26.86 Set a granite rock 24 x 8 x 4 ins 18 ins
in the ground, for $\frac{1}{4}$ sec. corner marked
 $\frac{1}{4}$ on N. face raise a mound of stone, alongside.

A white oak 9 ins in diam. for N.

11 lks distant, marked $\frac{1}{4}$ S. B. N.

A black oak 8 ins in diam. marked
 $\frac{1}{4}$ S. B. N. for S 25 $\frac{1}{2}$ ° E. 28 lks

29.36 Ravine 26 lks wide, course N. E.

76.86 Ridge 500 ft high when I marked

South boundary T. 7 S. R. 24 E.

rock in place 10 x 4 x 1 ft with a x
at exact corner point and 1 notch
on the N. and 5 notches on the E side
for corner to sec. 5, 6, 31 and 32. Re-
mark monument of stone along side.
Land rough rocky and mountainous.
Soil very rocky and worthless.
Scattered growth of scrubby oak trees.
Oct. 25th 1886.

S 89° 39' E, magnetic line. Pt. Recs 51

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Variation 13° E.

ascend steep slope -

- 10.00 Top of ridge 600 ft high from N.W.
20.00 Ravine 30 links wide, course N.
32.00 Major road from single well
to Ravine bet N.E. and S.W.
40.00 Several granite rock 17 x 9 x 7 ins, 11 ins
in the ground for 1/4 sec. corner

South boundary N. 78. R. 24 E.

marked $\frac{1}{4}$ on N. face,
raised a monument of
stone alongside.

53.00 Ravine 25 links wide, course N.

80.00 Set a granite rock 28 x 12 x 8 in

21 in in the ground for corner

to sections 4, 5, 32 and 33 with

2 notches on the W. and 4 notches

on the E. edge raised a mon-

ument of stone alongside.

Land rough and mountainous.

Soil very rocky and worthless.

No timber some grass.

S. 89-39' E. on a true line to N. recs.

4 and 33.

Variation 13° E.

Ascend, along ridge.

S. Body \nearrow 7 S. R. 24 E.

40.00 Near top of ridge bra N.E. very rough
Set a stone 15 x 11 x 8 ins. 10 ins
in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face, raised
a mound of stone alongside.

58.00 Range 27 links wide, course N.

80.00 Set a granite stone 30 x 11 x 6 ins,
21 ins in the ground for cor.
to secs. 3, 4, 33 and 34
marked with 3 notches
on E. and N. edges.

Raise a mound of stone
alongside.

Land rough and broken.

Soil very rocky, worthless.

No timber some grass.

South boundary N. 78. R. & E.

S. $89^{\circ} 29' E.$ on a true line
 bet. sec. 3 and 34.

Variation $13^{\circ} E.$

Alongside of Graham Mt.

40.00 Set a stone $19 \times 7 \times 5$ ins. 16 ins
 in the ground for $\frac{1}{4}$ sec. corner
 marked $\frac{1}{4}$ on N. face, raised
 a mound of stone alongside.

79.50 Run 32 links wide course N.E.

80.00 Set a granite stone $14 \times 10 \times 6$ ins
 in the ground for the
 corner to sec. 2, 3, 34 and 35
 marked with 2 notches on the
 E. end & notches on the N.
 edge, raise a monument
 of stone alongside.

Land very rough & mountainous.
 Soil rocky and poor. Not timber.

South boundary N. 7 S. R. 24 E.

S. 89° - 29' E on a true line but
rec. 2 and 25.

Variation 13° E.

Ascend over broken ground.

2000 Top of ridge 500 ft high from N. S.

4000 Set a stone 15" x 8" x 3" in a 10" dia.
in the ground for 1/4 sec. cor.
marked on N. face, raise
a monument of stone about 1/2

44.00 Foot of hill.

South bdy N. 7 S. R. 24 E.

- 55.50 Water in Ash Creek 10 links wide,
course N.
- 49.00 Gulch 27 links wide, course N.
- 50.00 Ascend ridge.
- 56.00 Top of ridge 300 ft high, course N.E.
- 67.30 Ravine 25 links wide, course N.
- 76.00 Cañon 300 ft deep, course N.E.
- 80.00 Set a granite rock $36 \times 8 \times 8$ ins. 27 ins
in the ground for corner to see 1, 2,
35 and 36 marked with 1 notch on E.
and 5 notches on N. edge ^{stone} _{main} ^{along} _{side}
The highest peak of Mount Humboldt to
N. $48^{\circ} 27' N.$
Land rough and mountainous.
Soil rocky 4th rate.
No timber.

$S 89^{\circ} 39' E$ on a true line b/w 1 and 36
Variation $13^{\circ} E.$

South boundary N. 7 S. R. 24 E.

Ascend side of ridge

- 5.20 Top of ridge 500 ft high, bore N.
- 26.20 Foot of hill.
- 29.00 Ascend.
- 38.00 Top of ridge, 300 ft high bore N.
- 40.00 Set a stone 18 x 6 x 6 ins 12 ins in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, raised a monument of stone along side.
- 61.00 Bottom of cañon 570 ft. deep with stream of water in it 10 links wide, course N.
- 70.00 Top of ridge 600 ft. high bears N. and S.
- 76.00 Bottom of cañon 500 ft. deep, course N. E.
- 80.00 The corner to N's 7 and 8 S. R's 24 & 25 E.
- Land very rough rocky and mountainous.
Soil rocky and worthless.
No timber, fair grass.

Oct. 26, 1886.

South Boundary N. 7 S. R. 2 E.

This line extends over the rough spurs of Graham Mountain and the surface of the township varies from rolling mesa land in the northern part to high mountains in the southern part. It should be subdivided.

N. 8 S. R. 2 E. extends over the summit of Graham Mountain and is of no value except for the timber it produces. For many years to come there will be no demand for its subdivision and when it is subdivided it must be done under a triangular system of survey as many portions are wholly inaccessible to man or beast consequently under the present system the line cannot be extended over this township.

Clarence H. Waller

U. S. Deputy Surveyor

West boundary T. 8 S. R. 25 E.

Survey commenced November 4, 1886.
with a Gurley Solar Transit.

Commence at the corner to Tps 7 & 8 S
R's 24 and 25 E. which is a stone 12 x 8 in
8 in high firmly set in the ground
marked with 6 notches on the N.
S. E. and W. edges, with a large
monument of stone along side.
Thence South on a true line bet.
secs. 1 and 6.

Variation 13° E.

Ascend along E. side of cañon.

40.00 Set a granite rock 16 x 10 x 8 in. 11 in
in the ground, at top of mesa, for $\frac{1}{4}$
sec. corner marked $\frac{1}{4}$ on N. face,
raise a monument of stone along side

80.00 Set a granite rock 18 x 9 x 3 in. 12 in
in the ground for corner to sections

W. boundary T. 8 S. R. 25 E.

1, 6, 7 and 12 marked with 5 notches
on the S. and 1 notch on the N. edge
raise a monument of stone along ridge
and mountains and high mesas.

Soil rocky & th. rate.

No timber, good grass

South on a true line bet. secs. 7 & 12

Variation $13^{\circ} 6'$.

Ascending steep slope over broken ground

27.00 Road from Fryer's sawmill to Pinedale
bet. N.E. and S.W.

24.50 Descend from mesas -

40.00 Set a granite rock $18 \times 8 \times 6$ ins 12
ins in the ground for $\frac{1}{4}$ sec. corner
marked $\frac{1}{4}$ on N. face, raise a mound
of stone along side.

44.00 Cañon 200 ft deep bet. N.W. water 100 ft
wide. Bottom of cañon very rough

West boundary U.S. R25E.

with falls and cataract of pure water. From cañon ascend steep rocky mountain along E. side of cañon.

80.00 Set a stone $18 \times 8 \times 6$ ins firm in monument of rocks, marked with 4 notches on the S. and 1 notch on the E. edge and raise a large monument of stone along side. It is impracticable to set this corner stone in the ground as the bed rock is near the surface land rough and mountainous. Soil rocky and worthless. Scattering trees along ravines.

The line south from this point runs over the high rough spurs of Mount Graham and as the land is wholly worthless for agriculture or any

South Boundary T. 8 S. R. 25 E.

other purpose and impracticable
to survey & discontinue on this boundary

To survey the south boundary of
T. 8 S. R. 25 E. I begin at the corner to
T. 8 S. R. 25 and 26 E. which is
a granite rock 8x7 ins. 6 ins. high
firmly set in the ground marked with
6 notches on the N. E. & S. W. edges
and monument of stone alongside.

Thence West on a true line Cor. sec. 136

Variation $13^{\circ} E$.

Ascend over rocky mesa.

40.00 Top of ridge 60 ft high true N. E. set
a granite rock 12x12x5 ins. 8 ins in
the ground for $\frac{1}{4}$ sec. corner, marked
 $\frac{1}{4}$ on N. face, raised monument
of stone alongside.

A coral tree $4.63^{\circ} E$. 24.34 chains,
owner unknown.

South Boundary S. 8 S. R. 25 E.

48.70 Enter creek bottom at foot of mts.

49.00 Dry ravine 20 lbs wide brs N.E.

Ascend along side of a rocky ravine

80.00 Set a granite rock 16x8x6 in. 11 in

in the ground for corner to secs. 1, 2

35 and 36, marked with 5 notches
on the W. and 1 notch on the E. edge,
raise a monument of stone along side.

Land rolling.

Soil 4th rat. covered with boulders.

No timber, some grass.

Narrow a true line br. sec. 2 and 35

Variation 13° E.

Ascend over rocky land.

20.00 Cross rocky stream with water

20 lbs wide, course N.E.

40.00 A rock in place 26x26x26 in

marked with a x at exact cor.

South Boundary T. 8 S. R. 25 E.

near point and $\frac{1}{4}$ or $\frac{1}{2}$ way, raised a monument of stone alongside.

47.00 Ascend a rocky rough hill.

52.60 Top of hill 300 ft. high.

80.00 Comes on a granite boulder 3 ft high, 6 x 3 ft which I mark with a X at exact corner point and 2 notches on the E. and 4 notches on the N. of cross, raise a monument of stone alongside.

Land very rough and mountainous. Soil & the water covered with large granite boulders.

No timber, grass poor.

November 4. 1886.

From this point the boundary line runs west over high rocky pen-

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South Boundary T. 8 S. R. 25 E.

craggy spurs of the East side of Graham Mountain ^{east} the land is entirely worthless. It is impracticable to survey it hence I discontinue the boundary. T. 8 S. R. 25 E. is very rough and only a portion of it should be subdivided.

T. 9 S. R. 25 E. is mountainous and should not be subdivided. By direct measurement I find the zenith distance of the Sun from which I subtract the declination for 12 o'clock M., corrected for refraction, and thus find the latitude for this boundary to be $32^{\circ} - 43' - 40''$ N.

Clarence H. Wallace,
U. S. Deputy Surveyor.

U. S. Surveyor-General's Office,

TUCSON, A. T., June 13 1888

The foregoing Field Notes of the Surveys of
the exterior lines of
T. 7 S. - R. 24 E. and
T. 8 S. - R. 25 E.

Gila and Salt River Meridian
in Arizona executed by
Clarence H. Wallace,

U. S. Deputy Surveyor, under his contract dated

April 26th 1886.

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

John Wise

U. S. Surveyor-General
for the Territory of Arizona.