

Contract 32

I.

No 868

BOOK 868

868

Subdivision

7. 15 S. - R. 16 E.

No. 1

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Field Notes
of the
Survey of the

Subdivision Lines
of the
Township 15 S. Range 16 E.
of the
Principal Base & Meridian
in the

Territory of Arizona
as surveyed by
James H. Martineau
U. S. Dep. Surveyor
Under his Contract No. 32

Dated June 27, 1893
Survey commenced Nov. 1, 1893
Survey completed Nov. 9, 1893.

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for
1A

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(4-674.)

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Subdivision of Tp. 15-

Chair's Survey commenced Nov. 1st 1893 with a W. & L. E. Gurley transit with Solar attachment 5 inch needle and Lat. and Decⁿ arcs reading to 30".

Before I commence the subdivision of the Township I go to the S. E. cor. of Sec. 36 which is a post as described in notes furnished me by Surveyor General. I find my instrument in good adjustment, Lat. $32^{\circ} 5' 50''$.

I observe Polaris at its upper culmination at $10^{\text{h}} 38'$ P.M. of Oct. 31, local mean time and, and drive a picket on the line so determined 4 chs. dist.

South Range 16 East

Oct. 31, 1893

At 7 A. M. Nov. 1st I find the magnetic bearing of the line determined last night to be N. $12^{\circ} 14' W.$ Allowing $2'$ for diurnal change (as per table on page 55, manual of instructions) I find the mean declination of needle to be N. $12^{\circ} 15' E.$

From Standard cor. to Sec. 35 & 36 as hereinbefore described I run

North $0^{\circ} 1' W.$ bet. Sec. 35 and 36

Va. $12^{\circ} 15' E.$

2.80 Wash. course N. $87^{\circ} W.$

Subdivision, T. 15 S.

- 17.25 Wash, course N. 70° W.
- 40.00 Set a sandstone 14 x 10 x 8 in
10 ins. in the ground for 1/4 sec.
cor. mtd $\frac{1}{4}$ on W. face, dug pits
18 x 18 x 12 ins. N. & 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.
- 43.00 Wash, course N. 10° E.
- 74.65 Road, bears N. 80° W.
- 80.00 Set sandstone 14 x 10 x 8 in 10 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.

R. 16 E.

Land rolling

Soil 2nd rate, sandy

No timber

East on a random line bet.

Secs. 25 and 36

Va. $12^{\circ} 15' E.$

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

79.16 Intersect East Bdy. line 29
lks. N. of cor. to Secs. 25, 30, 31
36 as heretofore described.

Thence S run

N. $89^{\circ} 48' W.$ on a true line
bet. Secs. 25 and 36

Va. $12^{\circ} 15' E.$

Over rolling ground

77.56 Wash. course N. $70^{\circ} W.$

Subdivision, Sp. 15 S.

39.58 Set a palo verde post 3 ft long 3 in. sq. with mkd. Stone 12 ins. in the ground for $\frac{1}{4}$ sec. Cor. mkd. $\frac{1}{4}$ S. on N. face, dug pits 18 x 18 x 12 ins. E. & W. of post $5\frac{1}{2}$ ft. dirt, and raised a mound of Earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft. base around post

37.96 Wash, course N. 80° W.

73.36 Wash, course N. W.

79.16 The Cor. to Secs. 25, 26, 35, 36

Land rolling

Soil F rate

No timber

N. $0^{\circ} 1' N$. bet. Secs. 25 & 26

va. $12^{\circ} 15' E$.

R. 16 E.

- Over rolling ground
- 3.00 Wash, course northwly
- 6.00 Leave same
- 29.00 Same Wash, course N. E.
- 39.40 Same Wash, course N. W.
- 40.50 Set a granite $12 \times 10 \times 9$ ins, 8 ins.
in the ground for $\frac{1}{4}$ sec. Cor.
mkd. $\frac{1}{4}$ on N. face, dug pits
 $18 \times 18 \times 12$ ins, N. & 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 along side
on point 10 ft above wash.
Enter dense brush
- 69.00 Same Wash, course N. E.
- 70.90 Leave same
- 71.90 Enter Same Wash, course
N. E.

7

Subdivision, T. 15 S.

79.40 Leave same wash

8000 Set a granite $14 \times 10 \times 9$ ins.
 10 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 $18 \times 18 \times$
 12 ins. in each Sec. $5\frac{1}{2}$ ft
 dist. and raised a mound
 of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
 base alongside.

Land rolling
 Soil 3rd rate
 no timber

S. $89^{\circ} 48' E$. on random line
 bet. Secs. 24 & 25

Va: $12^{\circ} 15' 8$.

P. 16 E.

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

79.46 Intersect E. boundary of Sp.
10 lks. S. of cor. to Secs. 29, 24
25, 30 as hereinbefore des-
cribed, Thence I run

N. $89^{\circ} 52'$ W. on a true line

bet. Secs. 24 & 25

N. $12^{\circ} 15'$ E.

Over rolling ground

39.73 Set a granite $15 \times 10 \times 7$ ins,
10 ins. in the ground for $\frac{1}{4}$
Sec. Cor. Inkd. $\frac{1}{4}$ on N. face,
dig pits $18 \times 18 \times 12$ ins, E. & 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

40.36 Wash, course N. E.

Subdivision, T. 15 S.

- 78.36 Center of Wash, course N. 10° W.
 79.46 The cor. to Secs. 23, 24, 25, 26
 Land rolling
 Soil 2nd rate
 No timber
-

N. 0° 1' W. bet. Secs. 23 & 24
 Va. 12° 15' E.

In dense brush and over
 rolling ground.

- 2.30 Wash, Course N. 20° W. A
 minimal monument near
 line on east. Ascend slightly,
 24.00 Wash, course W.
 40.00 Set a granite 12 x 8 x 7 ins. 8
 ins. in the ground for 1/4 sec
 cor. Mk'd. $\frac{1}{4}$ on W. face, dug

R. 16 E.

Pits $18 \times 18 \times 12$ ^{ins} N. & 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.

72.00 Norm of mesa. Descend into
bottom slightly.

80.00 Set granite $16 \times 10 \times 9$ ins, 11
ins. in the ground for Cor. to
Secs. 13, 14, 23, 24, marked,
with 3 notches on S. and 1
notch on E. edges, and raised
a mound of stones $1\frac{1}{2}$ ft high
2 ft base alongside. Pits
impracticable.

Land rolling

Soil 3rd rate, gravelly

No timber

Dense brush 80.00 Chs.

11

Subdivision T. 15 S.

S. $89^{\circ} 52' 8''$, on a random line
bet. Secs. 13 & 24

Na. $12^{\circ} 15' 8''$.

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

79.60 Intersect East body. of Tp.
at Cor. to Secs. 13, 18, 19, 24

Thence I run

N. $89^{\circ} 52' W.$ on a true line
bet. Secs. 13 & 24.

Na. $12^{\circ} 15' 8''$.

Over very broken ground and
in dense brush

5.5' 0 Wash, course N. $20^{\circ} W.$

16.40 Wash, course N. $5^{\circ} W.$

29.75 Wash, course North

39.80 Set a granite $15 \times 10 \times 8$ ins.
10 ins. in the ground for $\frac{1}{4}$
Sec. Cor. Mkd. $\frac{1}{4}$ on N. face

R. 16 E.

and raised a mound of stones
 1 1/2 ft high 2 ft base along
 - side. Pits impracticable.
 This cor. is on point of high
 hill bears north

- 43.00 point of same ridge, breaks
 down abruptly into Rincon
 wash 150 ft. below
- 57.50 Wash, course N. W. and
 enters into Rincon Wash.
- 60.70 Center of Rincon Wash 100
 lbs. wide, course S. 80° W. A
 little running water in wash
 soon dries in sand, about
 20 chs. lower down. Water
 pure.
- 66.70 Road, leads from panethus,
 west to Tucson

Subdivision J. 15 S.

69.90 Centur of Same road & leave it.

73.50 Enter Rincon wash again,
course $N. 80^{\circ} W.$

79.60 The Cor. to Secs. 13, 14, 23, & 24
Land rough, and dense
brush 79.60 Chs.

Soil 3rd rate, stony

No timber, except some
few ash and sycamore along
the wash.

$N. 0^{\circ} 1' W.$ bet. Secs. 13 & 14

$N. 12^{\circ} 15' E.$

In dense brush.

2.20 Bottom of descent into Rincon
bottoms, and to left bank
of Rincon wash 150 Chs. or less.

P. 16 E.

course West.

- 4.40 Road leads West to Tucson
- 6.00 Begin to ascend foot hills of mountains.
- 19.00 Top of very steep ascent, then more gradual ascent.
- 40.00 Set sandstone $13 \times 10 \times 6$ ^{ins} 9 ins. in the ground for $\frac{1}{4}$ sec. Cor. mkt. $\frac{1}{4}$ on W. face, dug pits N. & 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
- 78.00 Top of ridge 800 ft above Rincon Wash, bears N. 15° W.
- 80.00 Set a limestone $16 \times 10 \times 5$ ^{ins} 11 ins. in the ground for Cor, to Dec. 11, 12, 13, 14, mkt.

Subdivision, T. 15-S.

with 4 notches on S. and 1 notch on E. edges. dug pits $18 \times 18 \times 12$ ins, in each Sec. $3\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft high $4\frac{1}{2}$ ft base alongside. on N. E. slope of ridge.

Mountainous Pt. of Chs.

Loie 3rd rate, Stony

No timber, except a few ash and sycamores along Pineon Wash.

Nov. 1, 1893

S. $89^{\circ} 52' 8$. on a random line bet. Secs. 12 and 13

(Va. $12^{\circ} 15' 8$.)

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

P. 16 E.

79.54 Intersect East body, of Sp.
8 lks, S. of cor. to Sec. 7, 12, 13
18, as heretofore described,
Hence I run

N. $89^{\circ} 55' W.$ on a true line
bet. Sec. 12 and 13

Var. $12^{\circ} 15' E.$

Over mountainous land

39.40 Top of high spur of Int.
bears N. and S. W.

39.77 Set a stone $12 \times 10 \times 9$ in.
8 ins. in the ground for $\frac{1}{4}$
Sec. Cor, marked $\frac{1}{4}$ on N. face
and raised a mound of
stones $1\frac{1}{2}$ ft high 2 ft,
base alongside. Pots
impracticable.

60.00 Ridge bears S. Descend.

Subdivision, T. 15 S.

711.00 foot of ridge, ascend abruptly
 79.54 The cor. to Secs. 11, 12, 13, 14
 Land mountainous
 Soil 5th rate, stony
 No timber

N. $0^{\circ} 1' W.$ bet. Secs. 11 & 12
 N. $12^{\circ} 15' E.$

Corr mountainous land and
 along E. Slope

35.40 Top of high, sharp ridge
 course N. E. Descend very
 steeply.

46.00 Set a volcanic stone $18 \times 10 \times$
 $6 \frac{1}{2}$ ins. in the ground for
 $\frac{1}{4}$ Sec. Cor. Int'd. $\frac{1}{4}$ on N. face,
 and raised a mound of

R. 16 E.

Stones $1\frac{1}{2}$ ft high 2 ft base
alongside. Pits impracticable.

45.10 Small wash, course N. W.

52.70 Small wash, course W.

58.00 Small wash, course W.

60.00 E. point of ridge, bears to W.

66.30 Wash, course S. E.

80.00 Set granite $18 \times 12 \times 10$ ins. $12\frac{1}{2}$
in. the ground for cor. to Secs.

1, 2, 11, 12, mtd. with 5
notches on S. and 1 notch
on E. edges, and raised a
mound of stones $1\frac{1}{2}$ ft
high 2 ft base alongside
Pits impracticable.

Land mountainous
Soil 5th rate, rocky
No timber

Subdivision T. 15^S.

S. $89^{\circ} 55' 8$, on a random
line bet. Secs. 1 and 12

Var. $12^{\circ} 15' E$.

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

79.50 Intersect E. bdy. of Tpt. at
20 lks. S. of Cor. to Secs. 1, 6, 7, 12
as heretofore described. Thence
I run

S. $89^{\circ} 56' W$, on a true line
bet. Secs. 1 & 12

Var. $12^{\circ} 15' E$.

Over mountainous land
Slopes to South

39.75 Set granite $14 \times 10 \times 6$ ins $\frac{10$ in
in the ground for $\frac{1}{4}$ Sec. Cor,
Marked $\frac{1}{2}$ on N. face, and
raised a mound of stones
 $1\frac{1}{2}$ ft high 2 ft base

R. 16 E.

61.5' alongside. Pits impracticable.
 Ridge or spur of mountain
 bears S. Descend very steeply.
 73.00 point of mt. bears, S.
 79.5' The cor. to Secs. 1, 2, 11, 12
 Land mountainous 79.54 ch.
 Soil 5th rate, Stony
 No timber

I abandon Survey to north
 at this point, as it is too
 steep and rocky to Survey

From the Standard Cor. to
 Secs. 34 and 35 on South
 Boundary as heretofore
 described, I run

Subdivision, T. 15 S.

N. $0^{\circ} 1' 00''$, bet. Secs. 34 & 35Va. $12^{\circ} 15' 00''$ E.

Over rolling land

40.00 Set a palo verde post 3 ft long 3 ins. sq. with mkd. Stone 12 ins. in the ground for $\frac{1}{4}$ Sec. cor. Inked. $\frac{1}{4}$ S. on N. face, dug pits $18 \times 18 \times 12$ ins N. & 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.

67.00 Road, bears N. W.

80.00 Set a palo verde post 4 ft long, 4 ins. sq. with mkd. Stone 12 ins. in the ground for Cor. to Secs. 26, 27, 34, 35, inked. with T. 15 S., S. 26 on N. E. side

R. 16 E.

No. 868

R. 16 E. S. 35 on S. E.

S. 34 on S. W. and

S. 27 on N. W. face, with 1

notch 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 around post.

Land rolling

Soil 2nd rateNo timber, but a few small
pale woodsEast on random line bet.
Secs. 26 and 35Va. $12^{\circ} 15' 8''$.

Subdivision, T. 15 S.

4.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.40 Intersect N. & S. line at cor.

^{25 26 35 36}
to Secs. 26, 27, 34, 35 Thence
I run

West on a true line

bet. Secs. 26 and 35

Na. $12^{\circ} 15' E.$

9.85 Road, bears N. W.

40.20 Set mesquite post 4 ft long
3 ins. sq. with mkd. Stone 12
ins. in the ground for $\frac{1}{4}$ Sec.
Cor, mkd. $\frac{1}{4}$ S on N. face, dug
pits 18x18x12 ins. E. & 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.

80.40 To cor. to Secs. 26, 27, 34, 35

Land slightly rolling

R. 16 E.

Soil 2nd rate
No timber.

N. $0^{\circ} 11' 00''$ W. bet. Secs. 26 & 27
Va. $12^{\circ} 15' 18''$.

Over nearly level land

08.40 Wash, course N. W.

00.00 Set a stone $14 \times 8 \times 7$ ins. 10 ins
in the ground for $\frac{1}{4}$ sec. Cor.
mkd. $\frac{1}{4}$ on W. face, dug pits
 $18 \times 18 \times 12$ ins. N. & 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.

40.50 Wash, course N. 85° W.

08.00 Road, bears N. W.

80.00 Set sandstone $15 \times 10 \times 4$ ins.

Subdivision, T. 15 S.

10 ins. in the ground for cov.
 to Secs. 22, 23, 26, 27, marked with
 2 notches on S. and 2 notches
 on E. edges, dug pits 18x18x
 12^{ins} in each sec, 5¹/₂ ft. dist.
 and raised a mound of
 earth 2 ft. high 4¹/₂ ft base
 alongside. On edge of mesa.
 Land rolling
 Soil 2nd rate
 No timber.

East on a random line bet.

Secs. 23 and 26

(Ca. 12° 15' E.)

40.00 Set temp. 1/4 Sec. Cov.

81.38 Intersect N. & S. line 7 cks.

D, 16 E.

N. of cor. to Secs. 23, 24, 25-
26. Thence I run

N. $89^{\circ} 57'$ W. on a true line
bet. Sec. 23 and 26

Wa. $12^{\circ} 15' 8''$.

Over rolling land

35.10 Wash, course N.

40.19 Set a granite $12 \times 10 \times 9$ ins. 8
ins. in the ground for $\frac{1}{4}$ sec.
Cor. Inkd. $\frac{1}{4}$ on N. face. dug
pits $18 \times 18 \times 12$ ins. E. & 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.

64.70 Wash Course N. 20° W.

50.60 Wash, course N. 30° W.

72.50 Wash, course North

78.65 Wash, course North west

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BOOK 868

Subdivision T. 15 S.

8038 the Cor. to Secs. 22, 23, 26, 27
 Land rolling
 Soil 2nd rate
 No timber

Nov. 2, 1893

N. 0° 1' W. bet. Secs. 22 & 23
 (N. 12° 15' E.)

Over broken land

3.45 Wash, course N. W.

15.00 Wash, course N. W.

40.00 Set a sandstone 18 x 12 x 10ⁱⁿ
 12 ins. on the ground for $\frac{1}{4}$
 Sec cor. mkd. $\frac{1}{4}$ on N. face
 dug pits 18 x 18 x 12 ins. N. & S.
 of stone 5 $\frac{1}{2}$ ft. dist. and
 raised a mound of earth

R. 16 E.

1 1/2 ft high 3 1/2 ft base
alongside

- 46.40 Wash, course N. W. Thence
over point of mesa, and descend
into Rincon bottom.
- 62.60 field fence, bears S. 80° W. Enter
field.
- 79.35 North fence of same field, bears
S. 80° W.
- 79.90 Road, bears westerly, to Ineson
- 80.00 Set a stone 18 x 12 x 6 ^{ins} 12 ins. in
the ground for cor. to Secs. 14
15, 22, 23, mkd. with 3 notches
on S. end 2 notches on E. edges,
dig pits 18 x 18 x 12 ^{ins} in each
sec. 5 1/2 ft. dirt, and raise
a mound of earth 2 ft high
4 1/2 ft. base alongside.

Subdivision, T. 15, S.

Land broken

Soil on mesa 2nd rate, in
bottoms 1st rate.

No timber

S. $89^{\circ} 57' 8''$, on random line
bet. Secs. 14 & 23Va. $12^{\circ} 15' 8''$.40.00 Set temp. $\frac{1}{4}$ Sec, Cor

80.00 Intersect N. & S. line 3 cks.

S. of Cor, to Secs. 13, 14, 23, 24

Thence I run

N. $89^{\circ} 58' 00''$, on a true line

bet. Secs. 14 and 23

Va. $12^{\circ} 15' 8''$.

Through dense brush in bottoms.

40.00 Set granite $12 \times 10 \times 9$ ins. $\frac{1}{8}$ in

A, 16 E.

in the ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{2}$ on N. face, dug pits
 18 x 18 x 12 ins, E. & 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. This
 cor. is at S. bank of wash.

- 5'4.00 Lopez' houses about $\frac{1}{2}$ ch. North.
 5'5.93 Enter field, fence bears N. W.
 Leave dense brush.
 5'7.50 Fence bears S. W. leave field to
 the left of line.
 6'4.20 field fence, bears N. W. and
 enter same field again.
 7'7.50 fence, bears S. W. Leave field
 7'8.00 Road to Tucson, bears S. 75° W.
 8'0.00 The Cor. to Des. 14, 15, 22, 23
 Land level

Subdivision, T. 15 S.

Soil 1st class - very rich
 No timber but a few ash
 and Sycamore trees. Dense
 brush 56.00 Chs.

N. 10° 1' W, bet, Secs. 14 & 15

W. 12° 15' E.

2.20 To Rincon Wash, 4 ft banks,
 100 Yds wide, course West.

No water in it. Enter field

12.80 To N. side of Bottoms, brush
 from leaves E. & W, Leave field.
 Ascend in ravine and enter
 foot-hills.

40.00 Set Sandstone 10 x 9 x 6 ins.
 7 ins. in the ground for 1/4
 Sec. C. or, Inked, 1/4 on W. face

R. 16 E.

dig pits 18 x 18 x 12 ins. N. & 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 on W. side of small hollow drains South, Ascend

8000 Set a stone 15 x 12 x 10 ins. 10th in the ground for Cor. to Sec. 10 11, 14, 15, mtd, with 4 notches on S. and 2 notches on E. edges. and raised a mound of stone 1 1/2 ft high 2 ft base alongside Pits impracticable

Land 1st 13.00 Chs. level, last 67.00 Chs. mountainous

Soil in valley 1st rate, on hills 2nd rate, stony & gravelly
No timber

Subdivision, T. 15 S.

S. $89^{\circ} 58' E$, on random line

bet. Secs. 11 & 14

Va. $12^{\circ} 15' E$.40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

87.10 Intersected N. & S. line 5 lks.

S. of Cor. to Secs. 11, 12, 13, 14

Thence I run

West on true line bet,

Secs. 11 and 14

Va. $12^{\circ} 15' E$.

Over mountainous land

11.70 Top of ridge, bears S. $15^{\circ} E$.

6.00 Bottom of hill

12.50 Top of ridge, bears S. $30^{\circ} W$.

23.66 Wash, course S. W.

40.05 Set limestone $12 \times 10 \times 6$ ^{ins} _{in} in the ground for $\frac{1}{4}$ Sec. Cor.,
mkd. $\frac{1}{4}$ on N. face, and

R. 16 E.

raised a mound of stones $1\frac{1}{2}$ ft. high 2 ft base alongside.

Pits impracticable.

49.00 High ridge, bears S.W. 200 ft high above east $\frac{1}{4}$ cor. Sec. 10.

80.10 The cor. to Sec. 10, 11, 14, 15

Land mountainous 80.10 ch.

Soil 5th rate, rocky

No timber

N. 0° 1' W. bet. Sec. 10 & 11

Wa. 12° 15' E.

Ascend over mountainous land

5.00 Wash, course S.W.

10.00 point of spur, bears to S.W.

36.00 bottom of hollow, drains to S.W.

45.00 Set a limestone $18 \times 14 \times 6$ ins

Subdivision, T. 13ⁿ S.

^{12 ins}
 in the ground for $\frac{1}{4}$ sec. cor.
 mkd. $\frac{1}{4}$ on W. face, & raised
 a mound of stones $1\frac{1}{2}$ ft high
 2 ft. base alongside. Pits
 impracticable. On top of
 sharp ridge bears nearly N. & S.

43.70 Bottom of hill and wash
 course S. W. 150 feet below
 last cor. Old prospect holes
 and copper indications on
 hill on east of line. Ascend
 steep mountain.

80.00 Set granite $15 \times 10 \times 8$ ins
 10 ins in the ground for cor. to
 Secs. 2, 3, 10, 11, mkd. with 5
 notches on S. and 2 notches
 on E. edges, and raised a
 mound of stones $1\frac{1}{2}$ ft high

R. 16 E.

2 ft. base alongside. Pits
impracticable.

Land mountainous & rough
Soil 5' ¹/₂ gate - rocky
No timber.

East on random line bet.
Secs. 2 and 11

(Va. $12^{\circ} 15' E.$

40.00 Set temp. ¹/₄ Sec. Cor.

80.24 Intersect N. & S. line 114 lks

S. of Cor. to Secs. 1, 2, 11, 12

Thence I run

S. $89^{\circ} 54' N.$ on a true line
bet. Secs. 2 and 11

(Va. $12^{\circ} 15' E.$

Over mountainous land.

Subdivision, T. 15 S.

- 7.00 Head of deep gulch, course S. E.
Thin over very broken ground
- 40.12 Set limestone $12 \times 10 \times 7$ ins.
8 ins in the ground for $\frac{1}{4}$
Sec. Cor. Inkd. $\frac{1}{4}$ on N. face,
and raised a mound of
Stones $1\frac{1}{2}$ ft high 2 ft base
alongside. Pats impracticable.
Thin along rough S. Slope
of Mountain.
- 80.24 The cor. to Secs. 2, 3, 10, 11
Land Mountainous 80.24 etc
Soil, none - rocky
No timber.

Nov. 3^d 1893.

From this cor. I go no farther
north with survey, on account

R. 16 E.

of impracticable mountain,
too steep to survey.

From Standard Cor. to Sec.
33 and 34 on S. boundary of
Sp. as hereinbefore described
I run

N. $0^{\circ} 2'$ W. bet. Secs. 33 & 34

Ca. $12^{\circ} 15'$ E.

Over rolling ground

- 5:30 Wash, course N. W.
15:10 Wash, course N. W.
35:50 Wash, course N. 50° W.

40:00 Set a quartzite stone $15 \times 12 \times 8$ ins
10 ins. in the ground for $1/4$ Sec. Cor,
mkd. $1/4$ on W. face, dug pits 18
 $\times 18 \times 12$ ins. N. & S. of Stone $5 1/2$

Subdivision, T. 15 S.

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

45.00 Wash, course West

55.30 Wash, course N. W.

55.54 Road, bears N. W.

65.00 Road, bears N. W.

80.00 Set a mesquite post, 4 ft.

long, 4 ins. sq. with mkd. stones
12 ins. in the ground for Cor. 15

Sec. 27. 28. 33. 34, mkd. with
T. 15 Sec. 27. on N. E. corner

R. 16 E - S. 34 on S. E.

S. 33 on S. W. and

S. 28 on N. W. faces, and

with 1 notch on S. and 3

notches on E. edges, dug

fits $18 \times 18 \times 12$ ins, in

R. 16 E.

each Sec. $5\frac{1}{2}$ ft dirt, and
raised a mound of earth 2
ft. high $4\frac{1}{2}$ ft base around
post.

Land rolling

Soil 2nd rate, sandy

No timber, some mesquite
brush and Palo verdes

East on a random line bet,

Secs. 27 & 24

($N. 12^{\circ} 15' 8''$).

40.00 Set temp. $\frac{1}{4}$ Sec. cor.

19.92 Intersect N. & S. line at cor.
to Secs. 26, 27, 34, 35.

Thence I run

West on a true line bet.

Subdivisions, T. 15 S.

Secs. 27 and 34

Va. $12^{\circ}15'8''$.

Over rolling land

13.10 Road, bears N. W.

39.96 Set a palo verde post 3 ft long
3 ins. dia. with mkd. Stone 12
ins. in the ground for $\frac{1}{4}$ sec.
Cor. mkd. $\frac{1}{4}$ S. on N. face,
dig pits $18 \times 18 \times 12$ ins. E. &
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 bar around
post.

79.92 The Cor. to Secs. 27, 28, 33, 34

Land rolling

Soil 2nd rate

No timber. Some few
mosquitoes and palo verdes.

P. 16 C.

N. $0^{\circ} 2' W$. bet. Secs. 27 & 28Va. $12^{\circ} 15' E$.

Corr level land

44.50 Set mesquite post 3 ft long
3 ins. sq. with mkd. stone 12
ins. in the ground for $\frac{1}{4}$ sec.

Cor. mkd. $\frac{1}{4}$ S. on W. face, dug
pits 18 x 18 x 12 ins. N. & S. of
post $5\frac{1}{2}$ ft dist, and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.

77.00 A road, bears N. W. it forks
a few links farther west.

80.00 Set a sandstone $15 \times 10 \times 7$ ins
10 ins. in the ground for Cor. to
Secs. 21, 22, 27, 28, mkd. with
2 notches on S. and 3 notches
on E. edges, dug pits 18 x 18 x 12

Subdivisions, T. 15 S.

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 level

Soil, sandy, 2nd rate

No timber.

East on a random line
bet. Secs. 22 and 27
Va. $12^{\circ} 15' 8''$.

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

80.10 Intusect N. & S. line 14 lks

N. of Cor. to Secs. 22, 23, 26, 27

Thence I run

N. $89^{\circ} 54' W$. on a true line
bet. Secs. 22 and 27

R. 16 E.

Va. $12^{\circ}15'E$.

Over rolling land

25.10

Road, bears N. W.

40.05

Set a mesquite post 3 ft long
3 ins. sq, with mkd. stone, 12 ins.
in the ground for $\frac{1}{4}$ sec. cor.
Mkd. $\frac{1}{4}$ S. on N. face, dug pits
 $18 \times 18 \times 12$ ins. E. & W. of post
 $5\frac{1}{2}$ ft. dist. and raised a ind.
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

42.60

Wash, Course N.

62.00

Wash, Course N.

80.10

The cor. to Decs. 21, 22, 27, 28

Land rolling

Soil 2nd rate

No timber, a few
mesquites and palo verde.

Subdivision, T. 15 S.

N. 0° 2' W. bet. Secs. 21 & 22

Va. 12° 15' E.

Over level land

- 40.00 Set a granite 11 x 11 x 6 in. 10 in. in the ground for $\frac{1}{4}$ sec. cor. Inkd. $\frac{1}{4}$ on W. face, dug pits 18 x 18 x 12 in. N. & S. of Stone $3\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.
- 53.40 Road, bears N.W.
- 65.00 Deserted house, about 7 ch. E.
- 69.80 Brown of mesa 80 ft above the bottoms. Descend steeply.
- 70.00 foot of same. Enter dense brush and thorns.
- 76.00 Saenz' house, about 6 ch. W.

R. 16 E.

49.00 field corner, bears N. W. Corner
field. a fence bears N. about 50

Stks. on E.

76.30 Road leads to Tucson bears West

80.00 Set a sandstone 16 x 10 x 8 ins., 11
ins. in the ground for. Cor. to Secs.
15, 16, 21, 22, mtd. with 3
notches on S. and 3 notches on
E. edges, dug pits 18 x 18 x 12
ins. in each sec. 3 1/2 ft dist.
and raised a mound 2 ft
high 4 1/2 ft base along side
Land generally level
Soil 2nd rate

No timber. Dense brush 10 cts.

N. 89° 54' E. on a random line
bet. Secs. 15 and 22.

Subdivision, T. 15 S.

Var. $12^{\circ} 15' 8''$.

- 14000 Set temp. $\frac{1}{4}$ Sec. Cor.
 8000 Intersect N. & S. line 15 lks
 N. of Cor. to Secs. 14, 15, 22, 23
 Thence I run

West on a true line bet

Secs. 15 and 22

Var. $12^{\circ} 15' 8''$.

In level bottom land, fields.

- 16.14 A wire fence, bears N. & S.
 Another enclosed field south of
 line about 4 or 5 Chs. dist.
 ends opposite.

- 4000 Set a black walnut post
 3 ft long 3 ins. sq. with mked.
 Stone 12 ins. in the ground
 for $\frac{1}{4}$ Sec. Cor. mked. $\frac{1}{4}$ S. on
 N. face, dig pits 15 x 15 x

R. 16 E.

12 ins. E. & W. of post and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

A black Walnut 12 ins. diam. bears S. 8° E, $\frac{1}{4}$ chs. dist, marked $\frac{1}{4}$ S T. 15 S. R. 16 E. B. T. No other tree within limits.

55.90 fence, bears N. & S. Leaves filed

55.80 Road, bears N. & S. Entire dense brush.

79.60 field fence, bears N. & S. Entire field

80.00 the cor. to Secs. 15, 16, 21, 22

Land level

Soil 1st rate - very rich

No timber, except 2 or 3

Black walnut trees

23.80 chs. Dense brush

Subdivision, T. 15 S.

N. $0^{\circ}2'W$. bet. Secs. 15 & 16Va. $12^{\circ}15'8$.

Over level land in bottoms and
in enclosed field.

- 11.40 field fence, bears N. W. Leave
field.
- 22.00 Rincon Wash, banks 6 ft. deep
wash 35' lks. wide, course W.
- 35.00 Road, bears N. W.
- 37.00 Ortega's house, about 7 chs. W.
- 40.00 Set a mesquite post, 3 ft
long, 3 ins. sq. with mkd. stone
12 ins. on the ground for $\frac{1}{4}$
Sec. Cor. mkd $\frac{1}{4}$ S. on W. of
dug pits $18 \times 18 \times 12$ ins. N. &
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

P. 16 E.

around post.

A mosquito 8 ins. in diam
bears, S. $80^{\circ}19'$ W. 81 lks. dist.mkd. $\frac{1}{4}$ S. T. 15 S. R. 16 E. B. T. lks

A mosquito 12 ins. diam.

bears, S. $28^{\circ}50'$ E. 44 lks. dist.mkd. $\frac{1}{4}$ S. T. 15 S. R. 16 E. B. T.6000 A wash, course S. 15° W.Then over mountainous ground,
ascending foot hills of Pinecon Mt.8000 Set a granite $12 \times 10 \times 7$ ins. 8 ins.

in the ground for Cor. to Dec. 9,

10, 15, 16, mkd. with 4 notches

on S. and 3 notches on E. edges.

and raised a mound of
stones $1\frac{1}{2}$ ft high 2 ft base

alongside. Pits impracticable

Land, last 20 lks. Mountain

Sub. T. 15 S. R. 16 E.

Soil, 1st rate in bottoms

3^d rate on hills

No timber, but a few
mosquitoes in bottoms

Concluded, Book 869.