

Indexed

No. 805

Field Notes

BOOK 805

OF THE SURVEY OF THE

Subdivisions

-OF-

No. 805

Township *16 S* Range *21 E.*

Gila and Salt River Base and Meridian

ARIZONA.

By *C. H. Wallace* D.S.

Under contract dated *Apr. 26, 1887.*

Survey commenced *Jan. 3rd 1887.*

Survey completed *Jan. 11th 1887.*

Book No. 14.

u. 3rd 1887

Jan. 11th 1887

805
805

Field Notes

Of the survey of subdivisions of
Township No. 16 South, Range No. 21 East
of the
Gila and Salt River Base and
Meridian
of
Arizona Territory

as surveyed by

C. H. Wallace

U.S. Deputy Surveyor

Under his Contract

No. 3

Dated April 26th 1886

Survey commenced Jan. 3rd 1887

Survey completed Jan. 1st 1887

Names and duties of Assistants

Frank L. Lewis, Axeman & Flyman.

Henry Timmler, Axeman.

Morris Howard, Axeman.

Jose Morino Chairman.

H. H. Callahan Chairman.

For Preliminary and Final Catter

See Books Nos. 4, 6, 7, 9, and 15.

Index to

Township 16 S. R. 21 E.

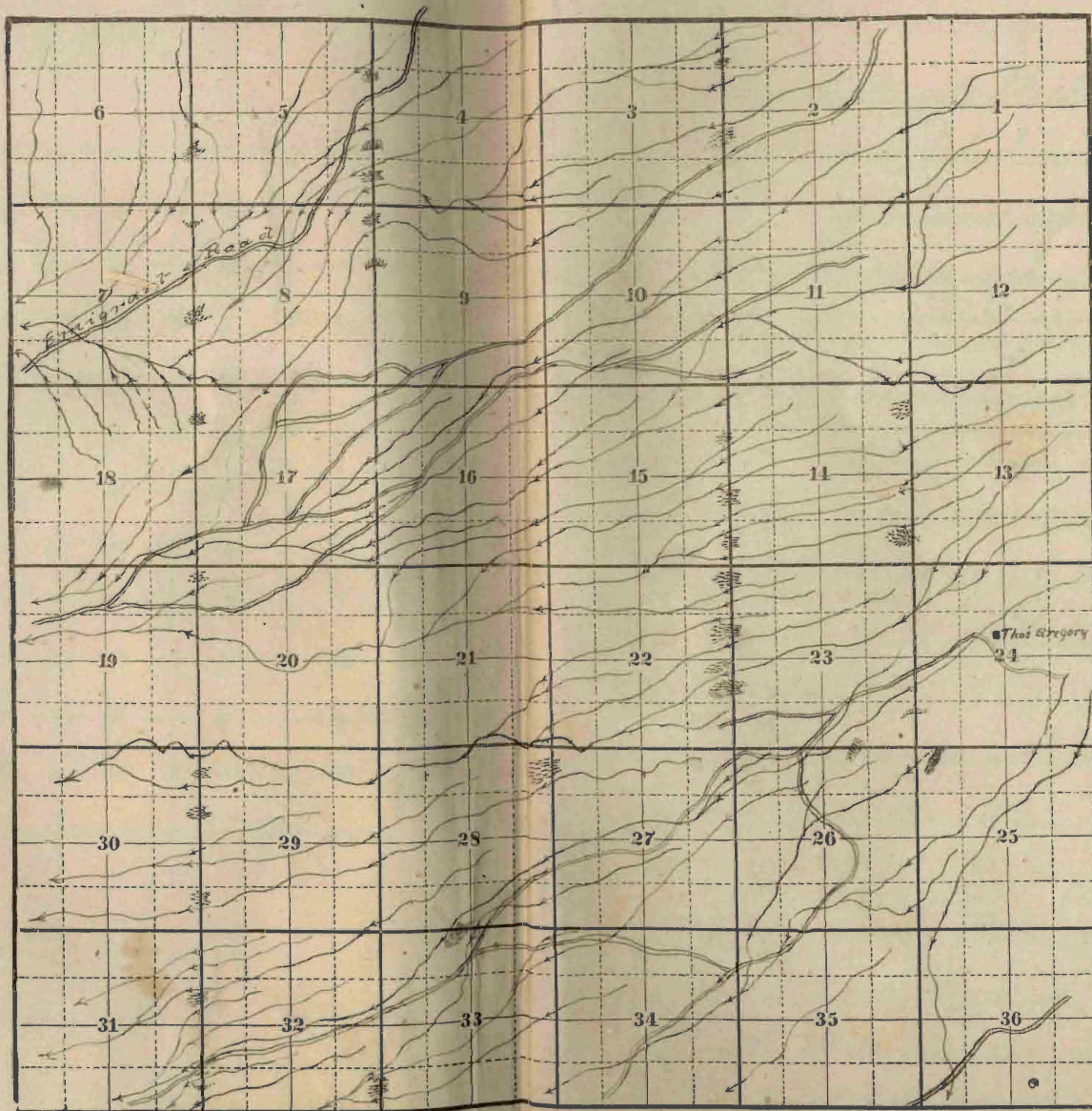
BOOK 805

6	80	5	58	4	42	3	28	2	14	1
78		77		50		41		27		13
7	75	8	55	9	40	10	26	11	12	12
74		72		54		39		25		11
18	71	17	53	16	38	15	24	14	10	13
70		69		51		37		22		9
19	68	20	49	21	35	22	21	23	7	24
66		65		48		34		20		6
30	64	29	47	28	33	27	18	26	5	25
63		61		45		32		17		4
31	60	32	44	33	30	34	16	35	3	36

Township No. 16 S

Range No. 21 E

Mo.



No. 805

BOOK 805

Subdivisions of T. 16 S. R. 21 E.

As I had established the south and east boundaries ^{of sec. 36}, I did not remeasure them.

For preliminary oaths and description of instrument used see preceding books.

Survey commenced Jan 3rd, 1887

I begin at corner 1, 2, 35 and 36 on the south boundary of township which is a mound of earth pits and stake properly marked.

Thence I run north bet. secs 35 and 36

To. 12° E.

Over rolling grassy ground.

116
40

Road 2 W. and 1/4 E.

Set a chond stake 12 ins. in the ground for 1/4 sec. cor., dug pits 18 x 18 x 12 ins N and S 5 1/2 ft. dir. from cor. and raised a mound of earth 1 1/2 ft high 3 1/2 ft bare over it. In

Subdivisions of T. 16 S. R. 21 E.

W. fur drove a stake 2 ft long 2 ins. sq. ^{12 ins. in the ground} marked $\frac{1}{4}$ S on W. face.

80.00 Set an igneous stone 18 x 12 x 7 ins, 12 ins. in the ground, for cor. to sec. 25, 26, 35 and 36, marked with one notch on south and one notch on east edge. Raised a monument of stone alongside.

Land rolling.

Soil good for grass.

No timber.

East on a random line bet. sec. 25 and 36

Variation 12° E.

Low rolling ground.

9 Ravine, course S.W.

40 Set temporary $\frac{1}{4}$ sec. cor.

79.90 Intersect east boundary of township or cor 25, 30, 31 and 36 previously set by me.

Subdivisions of T. 16 S. R. 21 E.

Thence I run west on a true line, the same,
between secs. 25 and 36.

39.95 Set a granite stone 18.74 ins., 12 ins in
the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face
and raised a monument of stone alongside.

79.90 The cor. to secs. 25, 26, 35 and 36

land polling.

Soil good for grass only.

No timber.

Forth bet. secs. 25 and 26

Variation $12^{\circ}-00' E.$

17.30 Ravine 20 links wide, course S.W.

37.30 Ravine, course S.W.

40.00 Set a stone $26 \times 7 \times 6$ ins 18 ins in the
ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N.
face, and raised a monument of stone
alongside.

Subdivision T. 16 S. R. 21 E.

72.50 Ravine, course S.W.

80.00 Set a stone $26 \times 8 \times 5$ in., 18 in. in the ground, for cor. to secs. 23, 24, 25 and 26, marked with two notches on the south and one notch on the east edge. dug pits $18 \times 18 \times 12$ in., in each section, $5\frac{1}{2}$ ft. dia., and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base, alongside.

Land rolling.

Soil ~~poor~~ good for grass only

No timber

Thence I run E on a random line to N sec. 24 & 25

Variation $12\frac{1}{4}^{\circ}$ E.

10.00 Top of ridge S.W.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

59.60 Ravine 15' wide, course S.W.

78.00 Ravine, course S.W.

Subdivision T. 16 S. R. 21 E.

- 80.00 Intersect east boundary of township
47 miles north of cor. 19, 24, 25, 30, which is a
stone 6 x 6 ins. with monument of stone along side.
primarily set by me.
Thence I run N. 89° 40' W. on a true line bet.
sections 24 and 25 1/2 miles.
- 40.00 Drove a sharp stake 12 ins. in the ground
for 4 sec. cor. dug pits 18 x 18 x 12 ins. E and W
5 1/2 ft. dia., and raised a mound of earth 1 1/2 ft.
high 3 1/2 ft. base on it and in E pit drove a
stake 2 ft. long 2 ins. square 12 ins. in the ground
marked 1/4 S on N. face
- 80.00 The cor. to secs. 23, 24, 25 and 26
Land rolling
Soil good for grass
No timber.

North bet. secs 23 and 24
Variation 12 1/4° E.

Subdivisions of T. 16 S. R. 21 E.

- 19.00 Descend steep bank.
- 26.30 Ravine, S.W., 30 lks wide.
- 32.50 Road to Benson, S.W. and N.E.
- 40.00 Set a stone 14x8x5 ins., 9 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base, alongside.
- A mesquit 5 ins. diam, brs S. 1° E. 109 lks dist. marked 148 737
- A mesquit 8 ins diam, S. 50° W. 135 lks. marked
- The house of Thomas Jorgens brs N. 77° E. 38 ch.
- 60.00 Ravine, course S.W.
- 80.00 Set a stone 20x8x4 ins., 15 ins. in the ground for cor. to sec. 13, 14, 23 and 24 marked with 3 notches on the south and one notch on east edge and raised a monument of stone alongside.
- Land rolling; soil poor. No timber,

Subdivisions of T16S. R. 21E.

East on a plow down line bet. secs 13 and 24
with $\text{Va } 12\frac{1}{2}^{\circ}\text{E}$

- 10.43 Rarrie, course S.W.
- 21.75 Rarrie, course S.W.
- 37.90 Rarrie, course S.W.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.10 Intersect east boundary of township
50 lines North of cor. 13, 18, 19, 24 which is
a stone 12×3 ins properly marked and
monument of stone along side.
Thence I run $\text{N } 89^{\circ} 39' \text{W}$ on a true line
bet. secs. 13 and 24. $\text{Va } 12\frac{1}{2}^{\circ}\text{E}$
- 40.05 Set a stone $20 \times 6 \times 5$ ins, 13 ins, in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W face and raised
a monument of stone along side
- 80.10 The cor. to secs. 13, 14, 23 and 24
Land rolling
Soil good, for grass; no timber.

Subdivision of T. 16 S. R. 21 E.

North br. secs. 13 and 14

Variation $12\frac{1}{2}^{\circ}$ E.

- 8.50 Top of ridge 300 ft high; E. and W.
- 14.80 Ravine, course S.W.
- 35.50 Ravine, course West.
- 38.90 Ravine, course S.W.
- 40.00 Set a stone $24 \times 8 \times 4$ ins., 18 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and raised a monument of stone, $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside
- 56.00 Ravine 10 links wide, course S.W.
- 70.00 Ridge S.W. 60 ft high.
- 80.00 Set a granite stone $18 \times 12 \times 6$ ins., 12 ins., in the ground, for cor. to secs. 11, 12, 13 and 14, marked with 4 notches on the south and one notch on the east edge, raised a mound of stone alongside. Pits impracticable.

Subdivision of T. 16 S. R. 21 E.

Land hilly.

Soil poor and rocky.

No timber.

Jan 3rd 1887

East on a random line bet. secs 12 and 13
 Var. $12\frac{1}{2}^{\circ}$ E.

13.00 Run, course N. W.

27.00 Same run, course S. W.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

79.88 Intersect east boundary of township
 30 links north of cor. to secs. 7, 12, 13
 and 18 which is a stone 12 x 4 ins firmly
 set in the ground with monument of stone
 alongside.

Thence I run N. $89^{\circ} 47' W.$ on a true
 line bet. 12 and 13 with same variation

39.94 Set a stone 20 x 6 x 6 ins., 15 ins. in the
 ground, marked $\frac{1}{4}$ on W face and said

Subdivisions T16 S R21E

a monument of stone $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base along side for $\frac{1}{4}$ sec. corner.

79.88 The corner to sec. 11, 12, 13 and 14.

Rolling land.

Soil rocky and worthless.

No timber.

North bottom sec. 11 and 12

Variation $12\frac{1}{2}^{\circ}$ E.

.60 Ravine, course West.

13.50 Ravine, course West.

40.00 Set a sand stone $19 \times 8 \times 6$ in 13 in. in
 the ground marked $\frac{1}{4}$ on W face and
 raised a monument of stone $1\frac{1}{2}$ ft
 high $3\frac{1}{2}$ ft base alongside, for $\frac{1}{4}$ sec. cor.

40.10 Ravine, course W.

80.00 Set a stone $20 \times 8 \times 4$ in. 15 in. in the
 ground, for cor. to sec. 1, 2, 11 and 12

Subdivisions of T16S. R21E.

marked with 5 notches on the south
and one notch on the east edges
and raised a monument of stone
alongside.

Land rolling.

Soil worthless.

No timber.

East on a random line bet. sec. 12 and 12

Variation $12^{\circ} 30' E$.

10.00 Prairie, course S. W.

40.00 Set temporary $1/4$ sec. corner.

80.12 Intersect east boundary of township
 42 links north of corner to sections
1, 6, 7 and 12, which is a stone 7×3
in. firmly set in the ground with

Subdivisions T. 16 S. R. 21 E.

monument of stone along side.

Thence I run $N 89^{\circ} 42' 24''$, same 100 ,
on a true line bet. secs., 1 and 12.

40.06 Rock in place 20×12 ins., 18 ins
high marked with a cross at the ex-
act point of measurement and $\frac{1}{4}$ on
N. face ^{face $\frac{1}{2}$ deep 200} with monument of stone $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. face along side.

80.12 The corner to sections 1, 2, 11 and 12.

Rolling surface

Worthless soil,

No timber

on true line

North bet. secs., 1 and 2,

Variation $12^{\circ} 45' E$

Subdivisions of T. 16 S. R. 21 E.

- 1.25 Ravine, course S.W.
- 35.55 Ravine, course S.W.
- 40.00 Set a stone $20 \times 8 \times 4$ ins., 15 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raised a monument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.
- 78.58 Intersect 3rd Standard, south 9.27 ch N. of S.C. to sec., 2, 35 and 36, which is a post with mound of earth pits and having $\frac{1}{2}$ properly established.
- Set a stone $28 \times 8 \times 2$ ins., 20 ins., in the ground for closing corner to sec., 182, ~~55~~ and 36, marked with C.C. on S. face, one notch on east and 5 notches on the west edge and raised a monument of stone alongside.
- Land rolling and cut by many ravines.

Subdivision T. 16 S. R. 21 E.

Soil poor, some grass
No timber.

From the cor. to secs., 2, 3, 34 and 35, on the south boundary of township, which is a mound of earth pits and stakes, ^{previously set by me} I run north bet. secs. 34 and 35.

Variation 12° E.

- 7.50 Prairie, course S.W.
- 40.00 Set a stone 18x10x8 in., 12 in., in the ground, for 1/4 sec. cor., marked 1/4 on its face and raised a monument of stone alongside.
- 50.50 Prairie, course S.W.
- 63.40 Road S.W. and N.E.
- 80.00 Set a stone 24x8x8 in., 18 in., in the ground, for cor. to secs., 26, 27, 34 and 35, marked with one notch on the south and 2 notches on the east edge, raised mon. of stone alongside.

Subdivision T16 S. R. 21 E.

Land rolling.

Soil poor - $\frac{1}{2}$ the rate.

No timber

East on a/ward on line bk. sec. 26 $\frac{2}{3}$ of 35.Variation $12^{\circ} E$ 3.00 Ravine, course S. $\frac{1}{2}$ N.

22.70 Ravine, course S.

27.00 Road, course S. $\frac{1}{2}$ N. $\frac{1}{2}$ E.40.00 Set temporary $\frac{1}{4}$ sec. cor.80.30 Intersect W. and S. line 48 links north of cor. 25, 26, 35 and 36 which is a stone 12×7 inch firmly set in the ground with a monument of stone alongside.Thence I run $N. 89^{\circ} 39' 21'' E$, 701 $12^{\circ} E$, on a true line bk. sec. 26 and 35.

Subdivision T16 S. R. 21 E.

40.15 Set a stone 16x8x5 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W face and raised a monument of stone alongside.

80.30 The cor. to secs. 26, 27, 34 and 35.
Land rolling.
Soil poor, some grass.
No timber.

North ht. secs. 26 and 27.

Variation 12° E.

40.00 Set a stone 16 x 13 x 6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W face, and raised a monument of stone $1\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base alongside.

52.00 Ridge 100 ft. high, course S.W.

62.85 Ravine, 50 lbs. wide, course S.W.

Subdivision T16 S. R. 21 E.

66.23 Prairie 20 links wide, course S.W.

69.10 Road ^{to name} S.W. and N.E.

80.00 Set a chaind stake 12 ins. in the ground for cor to secs. 22, 23, 26 and 27, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft distant and raised a mound of earth 2 ft high 4 1/2 ft base over it. In S.E. pit drove a stake 2 ft long 2 ins. square 12 ins. in the ground, marked:-

T16 S., S 23 on N.E.

R. 21 E. S 26 on S.E.

S 27 on S.W. and

S 22 on N.W. face with 2 notches on S and 2 notches on E edge.

Land rolling.

Soil poor - 4 ch rate.

No timber.

Subdivisions of T16 S. R. 21 E

East on a random line between sec.
23 and 26.

Variation 12° E.

- 28.60 ✓ Road S.W. and N.E.
- 37.80 ✓ Ravine, S.W.
- 40.00 Set temporary 1/4 sec. cor.
- 42.80 Ravine, 40 links wide, course S.W.
- 52.00 Bank, ^{from} N.E. & S.W.
- 80.41 Intersect N. and S. line 54 links N. of
cor. 23, 24, 25 and 26, which is a stone
8 x 5, firmly set in the ground, properly
marked, with monument of stone along side
Thence I run N. 89° 37' W., val. 12 1/2° E. on
a true line bet. sec., 23 and 26
- 40.20 Set a chain stake 12 ins., in the
ground, for 1/4 sec. cor., dug pits 18 x 18
x 12 ins., N. and ^{N. of cor} S 5 1/2 ft. dist., and raised
a mound of earth 1 1/2 ft. high 3 1/2 ft. base

Subdivision of T. 16 S. R. 21 E.

over it, Dr. E. J. W. drove a stake 2 ft long 2 ins. square 12 ins. in the ground, marked $\frac{1}{4}$ S on N face

80.41 The cor. to secs. 22, 23, 26 and 27.

Land rolling.

Soil poor.

No timber, some grass.

Jan. 4th 1887

North Pt. secs. 22 and 23.

Variation 12° E.

17.00 ✓ Old road S.W. and N.E.

24.00 Ridge 100 ft high bet S.W. & N.E.

28.40 ✓ Ravine, S.W.

38.00 Ridge bet S.W. about 200 ft high.

40.00 Set a stone $26 \times 8 \times 6$ ins. 18 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N face, raised monument of stone alongside.

Subdivisions of T. 16 S. R. 21 E.

- 45.65 Ravine, course S.W.
- 52.00 Ridge about 250 ft high tre. S.W.
- 58.20 Ravine, course S.W.
- 64.60 Ravine, course S.W.
- 69.20 ✓ Ravine, S.W.
- 74.00 Top of Ridge, ^{top} S.W.
- 80.00 Set a stone 16 x 10 x 7 ins., 11 ins., in the ground, for corner to secs. 14, 15, 22 and 23, marked with 3 notches on the south and 2 notches on the east edge, and raised a monument of stone alongside.
- ✓ Land Rolling.
- Soil of the rate.
- No timber

East on at random line bet. secs. 14 & 23

Variation 12° 4' E.

49.00 Set temporary 1/4 sec. cor.

Subdivisions of T. 16 S. R. 21 E.

80.36 Intersect N. and S. line 40 links north of corner 14, 13, 23 and 24, which is a stone 8×4 ins. firmly set in the ground properly marked, and monument of stone alongside.

Thence I run $N. 89^{\circ} 43' W.$

$70. 12 \frac{1}{2}^{\circ} E.$ on true line bet. 14 & 23

40.18 Set a stone $26 \times 8 \times 4$ ins., 18 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raised a monument of stone $1 \frac{1}{2}$ ft high $3 \frac{1}{2}$ ft. base alongside.

80.36 The corner to sections 14, 15, 22 and 23.
Land rolling
Soil, 4th rate
No timber.

By direct observation I determine the sun's azimuth distance from which

Subdivision of T16 S R21 E

I subtract its declination, corrected for refraction and thus find the latitude of cor. 14, 15, 22, 23 & W $32^{\circ} 04\frac{1}{4}'$ North.

North lat. sec. 14 and 15

Variation $12\frac{1}{4}'$ E.

- | | |
|-------|---|
| 1.15 | Ravine 20 links wide, course west. |
| 10.00 | Top of ridge, true west. |
| 14.30 | Ravine, course S.W. |
| 20.30 | Ravine, course S.W. |
| 27.00 | Top of ridge true, S.W. |
| 35.60 | Ravine, course S.W. |
| 45.00 | Set a stone $20 \times 8 \times 7$ ins., 15 ins., in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a monument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside |
| 55.56 | Ravine, course S.W. |

Subdivisions of T. 6 S. R. 21 E.

- 56.65 Ravine, course S.W.
- 66.00 ✓ Ridge S.W.
- 78.15 Ravine 30 links wide course S.W.
- 80.00 ✓ Set a stone 18 x 9 x 5 in., 12 in., in the ground for cor. 10, 11, 14 and 15, marked with 4 notches on the south and 2 notches on east edges and raised a mound of stone alongside
 Land rolling.
 Soil, 4th rate.
 No timber.

East on a random line bet. sec. 11 & 15
 Va. 12 1/2° E.

- 40.00 Set temporary 1/4 sec. corner.
- 57.00 Ravine course N.W. line 20 links N.
- 79.25 Same. Ravine, course S.W.
- 80.10 Intersect N and S line 45 links

Subdivisions of T16 S. R. 21 E.

N. of cor. 11, 12, 13 and 14, which is
a stone 12x6 ins firmly set in the ground
with monuments of stone alongside.

Thence I run N 89° 41' W and true
line between sec. 11, and 14 to 12 1/2° E

40.05 Set a stone 20x6x5 ins., 15 ins., in
the ground, for 14 sec. cor., marked 14
on N. face, and raised a monument
of stone 1 1/4 ft high 3 1/2 ft base alongside.

80.10 Thence to sections 10, 11, 14, and 15.
Land rolling.

Soil, poor - 4th rate

No timber

North between sections 10 and 11

Variation 12 1/2° E.

.15 Road E. and W.

26.30 Range, course S.W. 20 links wide.

Subdivisions of T. 16 S. R. 21 E.

27.72 ✓ Road S.W. and N.E.

40.00 Set a stone $14 \times 6 \times 6$ ins. 10 ins in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and raised a monument of stone alongside.

49.15 Prairie, course S.W.

63.00 Prairie 20 links wide, course N.

80.00 Set a stone $24 \times 12 \times 12$ ins, 18 ins in the ground, for cor. to secs. 2, 3, 10 and 11, marked with 5 notches on the south and 2 notches on the east edges, and raise a monument of stone alongside.

Land rolling.

Soil poor - 4th rate

No timber.

East or random line bet. secs. 2 and 11

Variation $12\frac{1}{2}^{\circ}$ E.

36.50 ✓ Prairie, S.W.

Subdivisions of T. 16 S. R. 21 E.

- 40.00 Set temporary 1/4 section corner.
 78.20 Ravine, course S.W.
 79.96 Intersect N. and S. line 50 links
 North of cor. 1, 2, 11 and 12, which is
 a stone 8x4 ins firmly set, with a mon-
 ument of stone alongside.

Thence run N $89^{\circ} 39' W$ var. $12\frac{1}{2}^{\circ} E$
 on a true line bet. sec. 2 and 11.

- 39.98 Set a stone 20x6x5 ins., 15 ins., in
 the ground, for 1/4 sec, cor., marked
 1/4 on N. face and raised a monument
 of stone alongside.

- 79.96 The cor. to sections 2, 3, 10 and 11
 laid over -
 Soil rocky - 4th rate
 No timber

North on a true line bet. 2 and 3

Subdivision T.16 S. R.21 E.

Variation $12^{\circ}-15^{\circ}$ E.

4.00 Ravine, course S.W.

20.00 Road, S.W. and N.E.

33.00 Top of ridge.

37.35 Ravine, course west.

40.00 Set a stone $18 \times 10 \times 8$ ins., 12 ins. in the ground, for 4 sec. corner, marked $\frac{1}{4}$ on N. face and raise a monument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.

56.00 Ravine, course S.W.

62.25 Ridge line S.W.

69.90 Ravine, course S.W.

71.15 Ravine, course S.W.

77.76 Intersect 3rd Standard south

✓ 10.21 chain N. of S.C. for sec.

34 and 35, which is a post

Subdivision T16 S R21 E

with monument of stone, when
I set a stone $20 \times 8 \times 8$ ins., 15 ins. in
the ground for C.C. to sec. 2, 3, ~~37~~
^{claim line marked} and 35, marked with two notches
on the east and 4 notches on the
west edge and C.C. on the south
face, raised a monument of
stone alongside

Land rolling.

Soil 4th rate.

No timber. Jan. 5th 1887.

From corner 3, 4, 33, 34 on the
south boundary of the township,
which is a stone 6×6 ins., firmly
set in the ground and a monument
^{marked with 3 notches on the E and 4 on the S.}
of stone, I run North bet 33 & 34

Subdivision T. 16 S. R. 21 E.

Variation 12° E.

- 760 Ravine, course S.W. 60 miles wide.
- 40.00 Set a stone $26 \times 7 \times 4$ ins., 18 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and build a monument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside
- 42.10 Ravine, course S.W.
- 69.00 Ravine, course S.W.
- 72.60 Road, bars east and west.
- 73.50 Ravine, course S.W.
- 80.00 Set a stone $20 \times 8 \times 7$ ins., 16 ins., in the ground for cor. 27, 28, 33 and 34, marked with one notch on the south and three notches on the east edges, and raise a monument of stone alongside.
- Land rolling.
- Soil poor - 4th rate.
- No timber.

Subdivisions T. 16 S. R. 21 E.

East on a random line bet. secs 27 & 34

Variation $13^{\circ} E$.

30.78 Ranine, course S. W.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

79.60 Intersect north and south line
40 links north from corner to sec.
26, 27, 34 and 35, which is a stone
 8×8 ins., firmly set in the ground
with monument of stone alongside.

Thence I run

N $89^{\circ} 43' W$. Va. $12^{\circ} E$.

on a true line bet. secs. 27 and 34,

39.80 Set a stone $18 \times 10 \times 5$ ins., 12 ins., in
the ground, marked $\frac{1}{4}$ on W. face,
for $\frac{1}{4}$ sec. cor., and raised a mon-
ument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base alongside.

Subdivisions T16 S. R. 21 E.

79.60 The cor. to sec. 27, 28, 33 and 34
Land rolling.
Soil 4th rate.
No timber

North br. 27 and 28,
Variation 12° E.

17.00 Ravine, course S.W.
25.00 Road, brs. N. E. and S.W.
34.85 Ravine, course S.W.
40.00 Set a stone $19 \times 12 \times 6$ ins., 13 ins., in
the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. face, raised a monument
of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side
64.00 Ravine, course S.W.
72.60 Ridge 200 ft. high, ^{base} E. and W.

Subdivisions T16 S R 218

80.00 Set a stone 26x6x6 in., 19 in., in the ground, marked with 2 notches on the south and 3 notches on the east edges, and raised a monument of stone alongside for cor. 21, 22, 27 and 28.

Land rolling.

Soil 4th rate.

No timber

Then 1 mi E. on a random line bet. sec 22 & 27

to. $12\frac{1}{2}^{\circ} E$

9.00 Ravine, course N. W.

10.34 Same ravine, course S. W.

40.00 Set temporary 1/4 sec. cor.

79.80 Intersect N. and S. line 3-4 chs North of cor. 22, 23, 26 and 27, which

Subdivision T16 S. R. 21 E.

is a mound pits and stakes properly established.

Thence I run $N 89^{\circ} 37' W$

$N 12^{\circ} E$

on true line bet. secs. 22 and 27

39.90 Several stone $20 \times 8 \times 5$ ins., 15 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raised a monument of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside.

79.80 The corner to secs. 21, 22, 27 and 28
Land surface uneven.

Soil poor.

No timber.

North bet. secs. 21 and 22

Variation $12^{\circ} E$.

.45- Range, course N

Subdivisions T16 S R 218

5.50	Ravine, course S.W.
27.76	Ravine, course S.W.
31.50	Ravine, course S.W.
40.00	Set a stone 18x7x6 ins., 12 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face and raised a monument of stone alongside.
62.45	Ravine, course N.
75.00	Ravine, course N.
80.00	Set a stone 16x6x6 ins., 11 ins. in the ground, for cor. to secs. 15, 16, 21 and 22, marked with 3 notches on the south and 3 notches on the east edge.
	Land rolling.
	Soil good for grass.
	No timber.

Subdivisions T6S R21E

East on a random line bet. secs 15 & 22

Variation $12\frac{1}{4}^{\circ} E.$

40.00 Set temporary $\frac{1}{4}$ sec. corner.

45.00 Ravine, course S.W.

80.10 Intersect N. and S. line 27 links north of corner to secs. 14, 15, 21 & 22 which is a stone 10×7 ins., firmly set in the ground and Mon. of stone

Thence run $N 89^{\circ} 48' W$ on a true line bet. secs 15 and 22 same va.

40.05 Set a stone $14 \times 8 \times 8$ ins., 9 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and raised a monument of stone alongside.

80.10 The cor. to secs. 15, 16, 21 and 22

Land rolling.

Soil poor.

No timber.

Subdivisions T. 6 R. 21 E.

North Br. sec. 15 and 16

Variation $12\frac{1}{4}^{\circ}$ E.

- 12.30 Ravine, course S.W.
- 30.40 Ravine 90 links wide, course S.W.
- 40.00 Set a stone $16 \times 8 \times 4$ ins., 11 ins., in the ground, for 14 sec. cor., marked 1/4 on W. face, and raised a monument of stone alongside.
- 41.40 Ravine, course S.W.
- 45.10 Ravine, course S.W.
- 70.55 Ravine, course S.W.
- 80.00 Set a stone $12 \times 8 \times 8$ ins., 9 ins., in the ground, for cor. to sec. 9, 10, 15 and 16, marked with 4 notches on the south and 3 notches on the east edge, raised mon. alongside.
- 7
1 Land incorn.
Soil 4 th rate, No timber.

Subdivision T. 16 S. R. 21 E.

East on a random line bet. sec. 10 and 15

70° 12 1/2° E

16.50 Ravine, course S.W.

40.00 Set temporary 1/4 sec. cor.

60.00 Ravine, course S.W.

79.90 Intersect N. and S. line 30 l. north of
 cor. 10, 11, 14 and 15, which is a
 stone 9 x 5 ins., firmly set in the ground
 and monument alongside.

Thence I run N 89° 47' W on a true
 line bet. sec. 10 and 15 Va. corner

39.95 Set a stone 16 x 7 x 7 ins., 11 ins., in
 the ground, for 1/4 sec. cor., marked 1/4
 on N. face clay pits 18 x 18 x 12 ins
 5 1/2 ft dist E and W of cor and raised
 a mound of earth 1 1/4 ft high 3 1/2 ft base
 alongside.

Subdivisions T16 S R 218

79.90 The corner to sections 9, 10, 15 and
16.

Land rolling.

Soil poor, 4th rate.

No timber.

Jan. 6th 1887

North Sec. pccs. 9 and 10.

Variation $12\frac{1}{2}^{\circ}$ E.

9.90 Road, bcs. S.W. and N.E.

14.80 Ravine 60 links wide, course S.W.

29.85 Road, bcs. S.W. and N.E.

40.00 Set a stone $20 \times 10 \times 3$ ins., 15 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. face and raised a mon-
ument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base alongside.

66.40 Ravine, course S.W.

79.00 Ravine, course S.W.

Subdivision T. 16 S. R. 21 E.

- 80.00 Set a stone $22 \times 12 \times 4$ ins., 16 ins., in the ground, for cor. to secs. 3, 4, 9 & 10, marked with 5 notches on the south and 3 notches on the east edges, and raised a monument of stone alongside land rolling.
Soil poor.
No timber.

East on a random line to sec. 3 & 10,
Variation $12\frac{1}{2}^{\circ}$ E.

- 38.00 Run, course S.W.
40.00 Set temporary $\frac{1}{4}$ sec. cor.
58.00 Road bet S.W. and N.E.
80.00 Intersect N. and S. line 32 links N. of cor. 2, 3, 10 and 11, which is a stone 12×12 ins., firmly set in the ground, properly marked, and mon. alongside

Thence I run $N 89^{\circ} 46' W.$ on a true line bet. sec. 3 and 10 to 12 1/4.

40.00 Set a stone $12 \times 12 \times 5$ ins., 9 ins., in the ground, for $1/4$ sec. cor., marked $1/4$ on N. face and raised at monument of stone along side.

80.00 Thence corner to sec. 3, 4, 9 and 10.

Land rolling.

Soil poor - 4th rate.

No timber.

North bet. sec. 3 and 4,

Variation $12^{\circ} 1/2' E.$

2.40 Prairie, course met.

15.65 Prairie, course S.W.

40.00 Set a stone $18 \times 10 \times 8$ ins., 12 ins., in the ground, for $1/4$ sec. cor.,

marked $\frac{1}{4}$ on W. face and raise a monument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base along side.

42.95 Prairie, course S.W.

66.30 Prairie, course west.

77.12 Intersect 3rd standard, 12.10 ch
 N. of S.C. & secs. 33 and 34 ^{7158 R. 21 E} which
 is a post, mound of earth and pits prop-
 erly established.

Set a stone $20 \times 7 \times 4$ ins., 15 lbs, in
 the ground for C.C. & secs. 3 and 4, mkt
 with 3 notches on the east and 3 notches
 on the west faces and the letters C.C.
 on south face.

Land rolling.

Soil poor.

No timber.

assuming as by me

From cor. 4, 5, 32 and 33, SW south
boundary of township I run north
by N. secs. 32 and 33

Variation $12^{\circ} E$

- 7.00 Barre, course west.
- 8.00 ✓ Top of ridge SW.
- 9.40 Descend perpendicular bank into west
60 links wide.
- 12.30 Wash, course SW.
- 14.00 Wash, course SW.
- 15.50 Ridge, fr. west.
- 40.00 Set a charred stake 12 in. in
the ground for $\frac{1}{4}$ sec. cor. dug pits
N. and S. ^{flamer} $5\frac{1}{2}$ ft. dist. $18 \times 18 \times 12$ in.
and raised a mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. base on W. In N. pit drive
a stake 2 ft. long 2 in. square 12 in.
in the ground $\frac{1}{4}$ S. on W. face

Subdivisions T16S. R21E.

- 42.60 Road, bet. S.W. and N.E.
- 45.70 Ravine, course S.W.
- 80.00 Set a stone $20 \times 9 \times 5$ ins., 15 ins., in the ground, for corner to sec. 28, 29, 32 and 33, marked with 1 notch on the south and 4 notches on the east edges and raised a monument of stone along side.
- ✓ Rolling, broken land.
Soil poor, 4th rate.
No timber.

East on a random line bet. sec. 28 and 33
Va. 12° E.

- 32.00 Ravine, course S.W.
- 33.00 ✓ Ridge bet. S.W.
- 34.00 Enter flat.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.

Subdivisions T. 16 S. R. 21 E.

- 41.45 Range, course S.W.
- 42.00 Road, brs, S.W. and N.E.
- 80.00 Intersect N. and S. line 36 links μ .
 of corner to secs. 27, 28, 33 and 34,
 which is a stone 87 ins. properly
 marked and set with mound of earth.
^{pits} Hence I run N. $89^{\circ} 45' W.$ on a true
 line for secs. 28 and 33
 Variation $12^{\circ} E.$
- 40.00 Set a stone $22 \times 6 \times 6$ ins., 16 ins., in
 the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. face and raised a monument
 of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.
- 80.00 The cor. to secs. 28, 29, 32 and 33.
 Land rolling.
 Soil poor & the same.
 No timber.

Subdivisions T. 16 S. R. 21 E.

North lot, secs. 28 and 29

Variation $12^{\circ} E$.

- 1.60 Ravine, course S.W.
- 32.00 Ravine, course S.W.
- 40.00 Set a stone $12 \times 12 \times 12$ ins., 8 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raised a mound of earth $1\frac{1}{2}$ ft high, $3\frac{1}{2}$ ft. base alongside and dug pits $18 \times 18 \times 12$ ins., $5\frac{1}{2}$ ft. distant N. and S. of stone.
- 42.30 Ravine, course S.W.
- 69.90 Ravine, course S.W.
- 80.00 Set a stone $20 \times 9 \times 5$ ins., 15 ins., in the ground for corner to secs. 20, 21 28 and 29, marked with 2 notches on the south and 4 notches on the east edge, raised a monument

Subdivisions T. 16 S. R. 21 E.

of stone alongside.

Land rolling.

Soil poor, 4th rate.

No timber.

East on a random line between
sections 21 and 28.

va. $12\frac{1}{2}^{\circ}$ E.

210.00 Set temporary $\frac{1}{4}$ sec. cor.

42.00 Ravine, course S.W.

63.37 Ravine (same), course N.W.

66.80 Same Ravine, course S.W.

78.40 Same Ravine, course N.W.

80.50 Intersect N. and S. line 54 links
N of cor to sec. 21, 22, 27 and 28,
which is a stone 6 x 6 ins., set
in the ground with mon. of stone
alongside.

Subdivision T16 S. R. 21 E.

Thence run $N 89^{\circ} 37' W$ on a true line between sec. 21 and 28.

Variation $12^{\circ} \frac{1}{2}' E$.

40.25 Set a stone $20 \times 7 \times 4$ ins., 15 ins., in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N face, and raised monument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base along side.

80.50 The corner to sec. 20, 21, 28 and 29, Land rolling.

Soil poor.

No timber.

Jan. 7. 1887

North between sec. 20 and 21.

Variation $12^{\circ} 30' E$.

40.00 Set a stone $18 \times 10 \times 6$ ins., 12 ins., in the ground, for $\frac{1}{4}$ section corner

marked on west face, dug pits
 18x18x12 in., 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 along side.

44.40 Ravine, course west.

80.00 Several stone 18x8x7 in., 12 in., in
 the ground for cor to sections 16, 17
 20 and 21, marked with 3 notches
 on the south and 4 notches on the
 east edge, dug pits 18x18x12
 in., in each section 5 1/2 ft dist.,
 and raised a mound of earth 2 ft
 high, 4 1/2 ft. base along side
 sand rolling.

Soil rocky and of the same.
 No timber.

Eastward, random line between secs.
16 and 21.

Va. $12\frac{1}{4}^{\circ}$ C.

16.60 Run in, course S.W.

40.00 Set a temporary $\frac{1}{4}$ sec. cor.

80.36 Intersect N. and S. line 46 links N.
of corner 15, 16, 21 and 22, which
is a stone 6x6 ins., firmly set in the
ground, properly marked, and mon-
ument of stone along side.

Thence run N. $89^{\circ}40'$ W. on a true
line bet. secs. 16 and 21.

Variation $12\frac{1}{4}^{\circ}$ C.

40.18 Set a charred stake 12 ins. in the
ground, for $\frac{1}{4}$ sec. cor.; dug pit
18x18x12 ins., E. and W. of corner
and drove a stake 2 ft long 2 ins

Subdivisions T. 16 S. R. 21 E.

^{12 in. in the ground}
square in E. pit, marked 4, 8
on N. face.

80.36 The corner to sections 16, 17, 20 and
21.

Land slightly rolling.

Soil 4th rate

No timber

North br. secs., 16 and 17.

Variation $12^{\circ} 4' E.$

3.20 Ravine, course S.W.

8.60 Ravine, course S.W.

20.80 Road, bet. N.E. and S.W.

21.28 Ravine, 90 links wide course S.W.

29.30 Road, bet. S.W. and N.E.

40.00 Set a stone $14 \times 8 \times 8$ ins., 10 ins. in

Subdivisions, T16 S. R. 21 E.

the ground, for $\frac{1}{4}$ sec. cor., marked
 44 on N. face, dug pits $18 \times 18 \times 12$ ins.,
 north and south of stone $5\frac{1}{2}$ ft. disk,
 and raised a mound of earth $1\frac{1}{2}$ ft.
 high $3\frac{1}{2}$ ft. base alongside.

41.30 Ravine, course S.W.

48.20 Ravine, course S.W.

64.55 Road, bcs. S.W. and N.E.

74.90 Road, bcs. S.W. and N.E.

80.00 Set a stone $18 \times 8 \times 6$ ins., 12 ins., in
 the ground for corner to secs. 8, 9, 16
 and 17, marked with 4 notches on
 south and 4 notches on east edge,
 and raised a monument of stone
 alongside.

Land rolling.

Soil poor. No timber.

Subdivisions, T. 16 S. R. 21 E.

East on a random line to N. sec. 9 & 16

Variation $12^{\circ}-30' E.$

- 14.00 Road bres. N.E. and S.W.
 22.00 Road bres. N.E. and S.W.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 54.00 Ravine, course S.W.
 59.00 Road bres. S.W. and N.E.
 80.20 Intersect North and South line
 2
 1 34 links north of corner 9, 10, 15, 16,
 which is a stone 8×8 ins., firmly
 set in the ground and properly
 marked, monument of stone along side.
 Thence I run $N 89^{\circ}-46' W$ on
 a true line to N. sec. 9 and 16
 Variation $12^{\circ}-30' E.$
 40.10 Set a stone $14 \times 8 \times 6$ ins. 9 ins., in
 the ground, for $\frac{1}{4}$ sec. cor., marked

Subdivisions, T16 S. R. 21 E.

1/4 on N. face, dug pits 18 x 18 x 12
 ins E and W. of cor. 5 1/2 ft. distant
 and raised a mound of earth
 1 1/2 ft high 3 1/2 ft. base alongside.

80.20 The corner to 8, 9, 16, 17

Land rolling.

Soil - 4th rate.

No timber.

North br. Secs. 8 and 9

Variation 12° 30' E.

4.75 Road, brs. N.E. and S.W.

40.00 Set a charred stake 12 ins. in the
 ground for 1/4 sec. cor., dug pits 18 x
 18 x 12 ins., 5 1/2 ft dist N. and South
 of cor. and drove a stake 2 ft. long

Subdivisions T16 S. R. 21 E.

2¹² ins. ^{12 ins. in the ground} square with the U. pin, marked
1/4 S. on W. face.

57.00 Descend from mesa.

70.70 Prairie, course S.W.

77.50 Ridge, brs. S.W.

80.00 Set a stone 18x8x6 ins., 12 ins., in
the ground, for cor. to sections 4, 5, 8
and 9, marked with 5 notches on
the south and 4 notches on the E
edge, raise a monument of stone

along side. Amesqui's 14 ins diam. brs N. 14° W. 91 ft.
marked T. 16 S. R. 21 E. S. 5 13. 1/2

land rolling.

Soil poor - 4th rate.

No timber

East on a random line bet. 4. and 9.

7a. 12 1/2° E.

Subdivisions T. 16 S. R. 21 E.

- 25.00 Ravine, course N.W.
- 34.00 Ravine, course S.W. (2nd cor.)
- 40.00 Set temporary 1/4 sec. cor.
- 44.00 Ravine, course N.W.
- 80.06 Intersect N. and S. line 28 links north of cor., to secs. 3, 4, 9 and 10, which is a stone 12x4 ins., properly marked, and firmly set in the ground with monuments of stone alongside.
- ✓ Thence I run N 89° 48' W on a true line bet. secs. 4 and 9
- 40.03 Set a stone 18x6x6 ins., 12 ins., in the ground, for 1/4 sec. cor., marked 1/4 on N. face and raise a monument of stone alongside
- ✓ A mesquit 10 ins. diam. N 45° E 2.33 ch marked N.S. 137.
- 80.06 The corner to secs. 4, 5, 8 and 9

Subdivisions T16 S. R. 21 E.

Land rolling.

Soil poor.

No timber

North bet. secs. 4 and 5,

Variation $12\frac{1}{2}^{\circ}$ E.

- 6.36 Ravine 70 links wide, course S.W.
- 9.95 Top ridge S.W.
- 13.85 Ravine, course S.W.
- 23.73 Descend.
- 27.15 Valley N. E. & S.W.
- 35.25 Ravine, 40 links wide, course S.W.
- 40.00 Set a stone $16 \times 8 \times 7$ ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raised a monument of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side.

Subdivisions T16 S. R. 21 E.

44.05 Old Emigrant road bears N. E. & S. W.

58.78 Leave valley and ascend.

62.75 Ravine, course S. W.

77.63 Intersect 3rd standard south
12.40 ch. W of S. C. to sec., 32nd & 33,
which is a post properly marked,
and well preserved, with bearing trees.

Set a stone 15 x 7 x 4 ins., 10 ins. in
the ground, for C. C. to sections 4 and 5,
marked with 4 notches on the E
and 2 notches on the W. edge and
the letters C. C. on the south face, ~~and~~
raise a monument of stone along side.

Land rolling.

Soil good for grass

No timber

Subdivisions of T. 6 S., R. 21 E.

From the corner to sec. 5, 6, 31, and 32, on the south boundary of the township, which is a stone 15 x 7 x 6 with 5 notches, on the S. edge on W. edge find set in ground 1 mi., with monument of stone along side.

I run

North, to N. sec. 31 and 32,

Variation 12° E.

Over very broken land.

- | | |
|-------|--|
| 1.20 | Ravin, course S.W. |
| 3.60 | Top of mesa. |
| 10.30 | Ravin, course S.W. |
| 13.60 | Top of bluff. |
| 19.00 | Leav mesa. |
| 22.00 | Ravin course S.W. road along the ravin |
| 33.80 | Ravin, course S.W. |
| 40.00 | Set a stone 16 x 8 x 7 ins., 11 ins., in the ground, for 1/4 sec. cor., marked |

Subdivisions T. 16 S., R. 21 E.

14 on west face and build a monument of stone alongside.

45.00 Ravine, course S.W.

49.50 Top of ridge, fore west.

51.80 Ravine, course west.

67.00 Ravine, course west.

76.20 Ravine, course W.

80.00 Set a stone 16 x 8 x 4 ins., 11 ins. in the ground, fore cor. to secs 29, 30, 31 and 32, marked with one notch on the south and 5 notches on the east edge, and raised a monument of stone alongside.

Land very broken.

Soil worthless.

No timber.

Jan. 8th 1887

East on a random line bet secs. 29 and 32

Subdivision T. 16 S. R. 21 E.

Variation $12^{\circ} 5'$.40.00 Set temporary $\frac{1}{4}$ sec. cor.

71.50 Run, course S.W.

79.98 Intersect N. and S. line 3-6 miles
north of corner to secs. 28, 29, 32,
and 33, which is a stone 7×5 ins
firmly set and properly marked with
monument of stone alongside.

Thence run N. $89^{\circ} 36' W.$ on a true
line between secs. 29 and 32

Variation $12^{\circ} 6'$.

39.99 Set a stone $18 \times 7 \times 5$ incl., 12 ins, on
the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on north face, and raised a
monument of stone alongside.

79.98 The cor. to secs., 29, 30, 31, and 32,
Land rolling.
Soil 4th rate, no timber.

Subdivision T. 16 S. R. 21 E.

Went on a random line bet. secs 30 & 31.

Variation $12^{\circ} 30' E$

140.00 Set temporary $\frac{1}{4}$ sec. cor.

80.70 Intersect west boundary of township
10 miles N. of cor. to secs. 29, 30, 31 and
32, which is a post in mound of earth
and branching trees, properly established.
Thence run N $89^{\circ} 56' E$ on a true line
bet. secs., 30 and 31

Variation $12^{\circ} 30' E$.

40.70 Set 1 stone $18 \times 9 \times 7$ ins., 17 ins., in
the ground, for $\frac{1}{4}$ sec. cor., marked
14 on N. face, and raised a monument
of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.

80.70 The cor. to secs. 29, 30, 31 and 32.

Land rolling hills.

Soil 4th rate.

No timber.

Subdivision of T. 16 S. R. 21 E.

North 1/4 sec. 29 and 30,

Variation $12^{\circ}30' E$

- | | |
|-------|---|
| 10.60 | Ravin, course west. |
| 14.50 | Ridge bro., E and W. |
| 30.80 | Ravin, course NW. |
| 37.00 | Ravin, course SW. |
| 40.00 | Set a stone $14 \times 8 \times 8$ ins., 9 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ in. N. and S. of cor. $5\frac{1}{2}$ ft distant and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside. |
| 59.00 | Ridge, bro., W. |
| 63.50 | Ravin course NW. |
| 74.00 | Ridge bro., SW. |
| 78.80 | Ravin, course west. |
| 80.00 | Set a stone $14 \times 70 \times 3$ ins., 9 ins. |

Sub-division T16 S. R. 21 E.

in the ground, for corner to secs,
19, 20, 29, and 30, marked with 2
notches on the south and 5 notches
on the east edges, raised a mon-
ument of stone alongside.

Land broken.

Soil poor.

No timber.

East on a random line bet secs 20 & 29

Variation $12^{\circ} 30' E$.

5.75 Prairie, course S.W.

9.75 Same prairie, course N.W.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

80.00 Intersect. N and S line 20 links
North of cor. to 20, 21, 28 and 29, which
is a stone 9×5 ins., properly marked

Subdivision T.16 S. R.21 E.

and firmly set in the ground with
 a monument of stone alongside.

Thence run $N 89^{\circ} 51' W$ on a true
 br. sec., 20 and 29,

Variation $12^{\circ} 30' E$.

40.00 Set a stone $18 \times 12 \times 3$ in. ^{12 ins. in the ground} for $\frac{1}{4}$ sec
 cor., marked $\frac{1}{4}$ on N. face, and raised
 a monument of stone alongside.

80.00 Thence corner to sections 19, 20, 29 and 30,
 Land rolling.
 Soil, 4th rate.
 No timber.

Then on a random line br. sec., 19 & 30

Variation $12^{\circ} 30' E$.

2.30 Ravine, course N.W.

11.75 Same ravine, S.W.

16.40 Same ravine, course N.W.

Subdivision T16 S. R. 21 E.

- 38.88 Same ravine, course S.W.
- 40.00 Set temporary 1/4 sec. cor.
- 80.88 Intersect west boundary of township
12 miles N. of cor. & secs. 19, 24, 25 &
30, which is a post and mound
of earth properly established.
Thence I run N $89^{\circ}55' E$ on a
true line bet secs., 19 and 30 with
V.L. name.
- 40.88 Set a stone $14 \times 12 \times 8$ ins., 9 ins. in
the ground, for 1/4 sec. cor., marked
1/4 on N. face and raise a mon-
ument of stone along side
- 80.88 The cor. to secs., 19, 20, 29 and 30,
land lilly and broken.
Soil 4 th rate.
No timber.

Subdivisions T. 16 S. R. 21 E.

North Pt. sec. 19 and 20,

Variation $12^{\circ} 30' E.$

- 40.00 Set a stone $18 \times 7 \times 4$ ins., 12 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, raised a monument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft. base along side.
- 55.35 Ravine 30 links wide, course E. N. W.
- 61.40 Road, bare E. and W.
- 68.65 Ravine, course S. W.
- 78.75 Top of ridge 70 ft. high, bare S. W. W.
- 80.00 Set a stone $16 \times 10 \times 4$ ins., 11 ins., in the ground for cor. to sec. 17, 18, 19, and 20, marked with 3 notches on the south and 5 notches on the east edges, raised a monument of stone along side.
- Land rolling,
Soil poor, no timber.

Subdivision T. 16 S. R. 21 E.

Run a random line bet. secs. 17 & 20

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

40.00 Set temporary $\frac{1}{4}$ sec. corner.

58.00 Road here N. E. and S. W.

80.24 Intersect N. and S. line $\frac{1}{4}$ miles

? N. of corner 16, 17, 20 and 21, which is a stone 8×7 ins., properly marked and set in the ground with monuments of stone alongside.

Thence I run N. $89^{\circ} 41' W.$ on a true line bet. secs. 17 and 20.

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

40.12 Set a stone $12 \times 8 \times 6$ ins., 8 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and raise a monument of stone alongside.

80.24 The corner to secs. 17, 18, 19 and 20

Subdivisions T16 S. R. 21 E.

Land rolling.

Soil poor & the rate.

No timber.

Went on a random line betw. secs. 18 & 19.

Variation $12^{\circ}-15^{\circ}E$.

22.40 Road, betw. N.E. and S.W.

25.00 Ravine, course S.W.

38.55 Ravine, course S.W.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

46.00 Ravine, course S.W.

81.36 Intersect west boundary of the township 30 links N. of cor. to secs. 13, 18, 19 and 24, which is a post properly marked, and pits.

Thence I run $N 89^{\circ} 47' E$. on a true line betw. secs. 18 and 19

Variation $12\frac{1}{2}^{\circ} E$.

Subdivision T. 16 S. R. 21 E.

- 41.36 Set a stone $16 \times 8 \times 4$ ins., 11 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a monument of stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft. base along side.
- 81.36 The cor. to secs. 17, 18, 19 and eo. Land rolling.
Soil 4th rate.
No timber. Jan. 10. 1887

North bet. secs. 17 and 18

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

- 5.00 Range, course S.W.
- 8.20 Road bears S.W. and N.E.
- 40.00 Set a stone $14 \times 10 \times 6$ ins., 9 ins., in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and dig pits $18 \times 18 \times 12$ ins. N and S. of cor $5\frac{1}{2}$ ft dist. and raised

Subdivision T. 6 S., R. 21 E.

- ↓
 46.00 a mound of earth $4\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base along ridge
 27.00 Prairie, course S.W.
 64.00 Ridge, base, S.W.
 80.00 Set a stone $18 \times 6 \times 6$ ins., 12 ins. in
 the ground, fore cor. to sections
 7, 8, 17 and 18, marked with 4
 notches on the south and four
 notches on the east edge, raised
 a monument of stone 2 ft high
 $4\frac{1}{2}$ ft base alongside.
 Land rolling.
 Soil, 4th rate.
 No timber.

East on a random line bet. sec. 8 and 17

Variation $12^{\circ} 30' E$

7.45 Prairie, course N. N.

Subdivision T16S, R.21E.

- 38.35 Ravine, course S.W.
- 40.00 Set a temporary $\frac{1}{4}$ sec. cor.
- 61.40 Road, bears N.E. and S.W.
- 80.00 Intersect W and south line
40 links N. of cor. to 8, 9, 16 and 17,
which is a stone 8×6 in. properly
marked and established with a
monument of stone alongside.
Thence run N. $89^{\circ} 43' W$ on a
true line bet. sec. 8, and 17
Variation $12^{\circ} 30' E$.
- 40.00 Set a stone $18 \times 8 \times 7$ in., 12 in. in
the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. face and raised mon-
ument of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
along side.
- 80.00 The cor. to sec. 7, 8, 17, and 18.

Subdivision T. 16 S. R. 21 E.

Land rolling.
Soil of the rate.
No timber.

Narrow random line between
sections 7 and 18.

Variation $12^{\circ}-30' E.$

- | | |
|-------|---|
| 15.10 | Ravine, course N. W. |
| 27.55 | Ravine, course N. W. |
| 36.00 | Ravine, course N. W. |
| 40.00 | Set temporary 1/4 sec. cor. |
| 55.75 | Ravine, course N. W. |
| 65.60 | Ravine, course N. W. |
| 82.15 | Intersect west boundary 115' ^{of 1/4} _{links}
north of cor. to secs 7, 12, 13, ^{and} 18,
which is a post and pits property
established. |

Subdivision, T. 16 S. R. 21 E.

Thence Iron N $89^{\circ} 12' E$ on true
line between sections 7 and 18

Variation $12^{\circ} 30' E$.

42.15 Set a stone $18 \times 10 \times 3$ ins., 12 ins.
in the ground, for 1/4 sec. cor. marked
1/4 on N. face, and raised a mon-
ument of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
alongside.

82.15 The corner to secs. 7, 8, 17, and 18.

Land rolling.

Soil poor and rocky.

No timber.

North lot, secs. 7 and 8

40 Prairie, course West.

18.85 Prairie, course S.W.

Subdivisions T16 S. R. 21 E.

- 30.50 Ridge, hrs, S.W.
- 40.00 Set a stone 12 x 10 x 8 ins., 9 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face, and raise a monument of stone alongside
- 43.00 Enter valley, course N.
- 52.00 Emigrants road N.E. & S.W.
- 54.80 Prairie, course S.W.
- 70.00 Leave valley and ascend
- 80.00 Set a stone 16 x 8 x 7 ins., 11 ins. in the ground, for sec. cor. 5, 6, 7, & 8, marked with 5 notches on the south and 3 on the east edges, raise a monument of stone alongside
- Land rolling.
- Soil 4th rate.
- No timber

Subdivisions T16 S. R. 21 E.

East on a random line fr. sec. 5-9 & 8.

Variation $12^{\circ} - 30' E.$

- 7.00 Ravine, course south.
- 27.00 Ravine, course S.W.
- 35.10 Ravine, course S.W.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 44.00 Ravine, course S.W.
- 46.90 Ravine, course S.W.
- 49.40 Emigrant road fr. N.E. and S.W.
- 68.45 Ravine, course S.W.
- 75.00 Ravine, course S.W.
- 79.88 Intersect N. and S. line 52 links
N of cor. 4, 5, 8 and 9, which is a
stone 8×6 ins., properly marked
and set with monuments of stone
for sec. cor.

Thence I run $N 89^{\circ} 37' W$ on a

Subdivisions T. 16 S. R. 21 E.

true line bet. secs. 5 and 8
Variation $12^{\circ} - 30' E.$

39.94 Set a stone $18 \times 10 \times 7$ in., 17 in., in
the ground, for $\frac{1}{4}$ sec. cor., marked
114 on N. face, and raised a mon-
ument of stone along side.

79.88 The cor. to secs. 5, 6, 7, and 8.
Land rolling.
Soil poor.
No timber.

Westward and down line bet. secs. 6 and 7
Variation $12^{\circ} - 36' E.$

5.50 Ravine, course S. W.

13.60 Ravine, course S. W.

25.80 Ravine, course S.

Subdivision T16 S. R. 21 E.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 73.80 Range, course S. E.
 82.77 Anterior N. and S. line 2.40 chs
 N. of cor. to sec. 1, 6, 7 and 12, which
 is a post, properly marked, set in
 the ground, and mound of earth.

Thence I run $N 88^{\circ} 21' E$ on a true
 line bet. sec. 6 and 7
 variation $13^{\circ} 30' E$.

- 42.77 Set $\frac{1}{4}$ sec. cor. a stone $12 \times 10 \times 4$ ins
 marked 4 on N. face and raise a
 monument of stone along side as per
 instructions

- 82.77 The cor. to sec. 5, 6, 7 and 8.
 Land rolling.
 Soil 4 the rate.
 No timber.

note

The N. boundary of this Tp. extends across a broken hill
 country while the other lines are mostly on a high
 mesa consequently there is a difference in measurement
 See note herewith of measurement of 3rd Standard.

Subdivisions T16 S. R. 21 E.

on a true

North bet. secs. 5 and 6,

Variation $12^{\circ}-30'E$.

25.50 Ridge br, SW.

39.70 Ravine, course S.E.

40.00 Set a stone $18 \times 6 \times 6$ ins., 12 ins.,
in the ground, for $\frac{1}{4}$ sec, cor., marked
 $\frac{1}{4}$ on W. face, and raised a mon-
ument of stone alongside.

76.83 Intersect 3rd Standard south
13.84 ch west of S.C. & sec, $3\frac{1}{2}/32$
which is a post with monument
of stone properly established.

Set a stone $24 \times 14 \times 8$ ins., 18 ins., in
the ground, for closing cor. & sec
5 and 6, marked with 5 notches on
E and 1 notch on W. edge and the
letters c.c. on the south face.
raised a monument of

Subdivision T16 S, R. 21 E.

stone alongside.

Land rolling.

Soil, 4th rate.

No timber.

Jan. 11th 1887

General Description

This Sp. is composed of hilly rolling land along the western slope of a range of hills and the soil is worthless except for the grass that it produces.

Thomas Gregory has a stock ranch and improvement in section 24; no other settlers in the township.

Apparently there has been a light growth of mesquit and cedar, on some portions of the Sp., which has been cut and taken away for wood.

Clarence H. Waller

U.S. Dep. Surveyor.

BOOK 805

U. S. Surveyor-General's Office,

TUCSON, A. T. June 13 1888

The foregoing Field Notes of the Surveys of
the subdivision lines of
T. 16 S. - R. 21 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.