

Subdivisions T. 24 S. R. 13 E
P. CONTZEN - CONTRACT 55

No. 986

BOOK 986

Subdivisions

986

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Tp. 24 S., R. 13 E.

No. 986

Field Notes
 of the survey of the
 Subdivision Lines
 of
 Fractional Township N^o 24 South
 Range N^o 13. East
 of the
 Gila ^{and} Salt River Base ^{and} Meridian
 in the
 Territory of Arizona.
 as surveyed by
 Philip Coutzen
 U. S. Deputy Surveyor
 Under his Contract N^o 55
 Dated July ^{June} 23rd 1899

Survey commenced Dec 11, 1899
 Survey completed Dec 22, 1899

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(1-674.)

Township 24.S. R. 13.E.

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Subdivision of Tract,

chains

- 39.20 Trail bears N^o and S^o westerly;
descend
- 40.00 Set a Granite stone 18x12x10 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ 1 on E. face
2 on W. face, from which
an oak 12 ins. diam. bears
S 49° E. 16 lks dist. marked
 $\frac{1}{4}$ S. I. B.T. No other tree
within limits and raise
a mound of stone $2\frac{1}{2}$ ft. base
1 $\frac{1}{2}$ ft. high. W. of cor. Pits
impracticable.
- 40.40 Gulch 10 lks. wide, course S. Easterly,
ascend.
- 44.00 Top of ridge bears N^o and S^o Easterly;
descend
- 47.60 Gulch 10 lks. wide, course Easterly;
ascend

T. 24 S. R. 13 E. continued

chains

- 51.00 Top of ridge, bears E and Westerly
- 57.75 Wash 10 kts. wide, course NE; ascend
- 62.60 Top of ridge bears NE and S Westerly,
Trail bears NE and S Westerly
- 69.50 same ridge bears E and W.
- 70.80 Trail bears NE and SW.
- 73.80 Trail bears NE and SW.
- 75.50 Top of ridge bears E and W
- 76.00 Descend
- 80.00 Set a Granite stone 18 x 8 x 6 ins.
12 ins. in the ground for cor.
of secs. 1, 2, 11 and 12.
marked with 5 notches on
S and 1 notch on E. edges,
from which
An oak 14 ins. diam bears
S 56 $\frac{1}{4}$ ° E 149 kts. dist. marked
T. 24 S. R. 13 E. S. 12. B.T.
An oak 20 ins. diam. bears

Sub-division of Fract.

chains

@. $7^{\circ} W$. 20 lks. dist, marked
 T. 24 S. R. 13 E. S. 11. B.T. no other
 trees within limits, and raise
 a mound of stone $2\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft. high W. of cor. Pits
 impracticable.

Land mountainous and level
 Soil, gravelly, 2nd rate
 Timber, Oak.

Mountainous Land 66.70 chs.

$N 89^{\circ} 53' E$ ~~on~~ a random line
 bet. secs. 1 and 12.

40.00 set Temp $\frac{1}{4}$ sec. cor.

80.22 intersect E. bdy of Tp. 8 lks
 S of cor. to secs. 1, 6, 7 and 12.
 Thence I run

$S 89^{\circ} 50' W$. on a true line
 bet secs. 1 and 12

T. 24 S. R. 13 E. continued

chains.

over mountainous and level land
ascending

- 10.00 Wash 10 lks. wide course N. Easterly
- 15.30 Wash 10 lks. wide, course S E. then
E
- 30.00 Top of ridge bears NW. and
S. Easterly;
Trail bears NW and S. Easterly
- 34.20 Trail bears NE and S Westlerly;
foot of ridge
- 34.80 Top of ridge bears N and S;
descend
- 37.10 Gulch 10 lks. wide, course N. Westlerly
- 39.50 Gulch 10 lks wide, course northerly;
ascend
- 40.11 Set a Granite stone 18x10x6 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ 1 on N. face
12 on S face, from which

Sub-division of Trail
chains

- An Oak 6 ins. diam. bears
N 25 $\frac{1}{4}$ ° E, 30 lks. dist. marked
 $\frac{1}{4}$ S. 1. B.T.
- An Oak 10 ins. diam. bears
S 28 $\frac{3}{4}$ ° W. 64 lks. dist. marked
 $\frac{1}{4}$ S. 12. B.T.
- 43.00 Trail bears Northerly and
Southerly
- 45.00 Top of ridge bears N and S;
descend
- 45.20 Trail bears N. and Southerly
- 51.30 Gulch 6 lks. wide, course Northerly;
ascend
- 53.80 Top of ridge bears N. and Southerly
Trail bears N and S; descend
- 57.00 Enter valley, bears N. Easterly
- 60.00 Trail, bears NE and S. Westerly
- 60.50 Leave Valley bears Northerly;
ascend

T. 24 S. R. 13 E. continued

chains

63.80 Gulch 10 lks. wide, course S. Easterly

70.80 Top of ridge, bears N. Westerly
and S. Easterly; descend.

76.30 Gulch 10 lks. wide, course Southerly

80.22 The cor. to secs. 1, 2, 11 and 12.

76.50

5.72

Land mountainous and level
Soil, gravelly, 2nd 3rd rate
Timber, Oak

Mountainous Land 76.50 chs.

S 0° 01' E. bet. secs. 11 and 12
over mountainous and level land0.10 Middle of Gulch 6 lks. wide,
course Easterly; ascend5.00 Top of ridge bears NWth and
S. Easterly; descend

10.00 Enter draw, course S. Easterly

11.50 Leave draw

15.00 Top of ridge

Subdivision of Fract.

chains.	
18.00	Enter draw, bears N. Easterly
19.20	Wash 20 lks. wide, course N. Easterly
19.50	Trail bears NE and SW
20.00	Leave draw bears NE; ascend
26.90	Trail bears NE and S. Westerly
30.00	Top of ridge bears NW $\frac{1}{2}$ SE
34.75	Enter draw bears S. Easterly
36.50	Leave draw and ascend
39.00	Gulch 10 lks. wide, course Easterly
40.00	Set a granite stone 18x8x8 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 12 on E face 11 on W. face, from which an oak 12 ins. diam. bears N 76° E, 75 lks. dist. marked $\frac{1}{4}$ S. 12. 13.T. An oak 12 ins. diam. bears S $61\frac{3}{4}^{\circ}$ W 38 lks. dist. marked $\frac{1}{4}$ S. 11. 13.T. and raise a mound

T. 24 S. R. 13 E. continued

chains

of stone $2\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft high
W. of cor.

- 41.50 Top of ridge bears NW and
S Easterly; descend
- 52.50 Enter valley bears S Easterly
- 52.60 Road bears NW and S Easterly.
- 55.10 Trail bears NW and S Easterly
- 56.20 Wash 10 lks. wide, course S. Easterly
- 56.50 Leave valley, bears S. Easterly; ascend
- 61.50 Top of ridge bears NW and S E;
descend
- 64.50 Gulch 10 lks. wide, course Easterly;
ascend
- 66.50 Top of ridge bears E and W;
descend
- 68.00 Enter Mariposa valley bears
Easterly
- 69.00 Wash 10 lks wide, course Easterly
- 75.10 Wire fence bears Easterly $\frac{2}{3}$, Westerly

Subdivision of Tract,

chains.

76.60 wood road bears S Westwely

76.80 Wood road bears E and W,

79.10 Put a Granite stone 18x7x7 ins
12 ins in the ground for witness
cor. to cor of secs. 11, 12, 13 and
14, marked W.C. with 4 notches
on S. and 1 notch on E. edges
from which

A mesquite 7 ins. diam. bears
N 31³/₄° E 50¹/₂ lks. dist. marked
T. 24 S. R 13 E. S 12, 13. T.

An Oak 50 ins. diam. bears S 76° E
220 lks. dist. marked T. 24 S.
R. 13 E. S 13 B. T.

An Oak 20 ins. diam bears
S 17° W 252 lks. dist. marked
T. 24. S. R. 13 E. S 14. B. T.

A mesquite 7 ins. diam. bears
N 80¹/₄° W. 76 lks. dist. marked

T. 24 S. R. 13 E. continued

chains

T. 24 S. R. 13 E. S. 11, 13, T.

79.80 Enter wash, course $S 85^{\circ} E$.80.00 Cor. point of secs. 11, 12, 13 $\frac{1}{2}$, 14.

Land mountainous and level

Soil, gravelly, 2nd and 3rd rate.

Timber, scattering Oak & Mesquite

Mountainous Land 58.65 chs.

 $N 89^{\circ} 50' E$ on a random line
bet secs. 12 and 13,

from cor. point of secs 11, 12, 13 and 14.

40.00 Set Temp $\frac{1}{4}$ sec. cor.80.16 Intersect E. bdy. of Tp. 9 lks N.
of cor. to secs 7, 12, 13 and 18.

Thence I run

 $S 89^{\circ} 54' W$, on a true line
bet. secs. 12 and 13

descending.

0.40 Enter valley bears N. Easterly

Sub-division of Fracl.

chains

2.60	Road to Nogales, bears S. Easterly
3.00	Wash 6 lks. wide, course N Easterly
4.10	Leave Valley and ascend
8.00	Top of ridge NW and S. Easterly
11.50	Gulch 10 lks. wide course S. Easterly; ascend
14.00	Top of ridge bears N and Southerly; descend
19.70	Enter draw, bears Northerly
20.20	Trail bears N and Southerly
21.50	Leave draw bears Northerly; ascend
26.20	Gulch 10 lks. wide, course Northerly
28.00	Small House N 40° E. 6 chs. dist: Top of ridge bears NW $\frac{40}{100}$ S E.
35.00	Enter Valley, bears Northerly
36.00	Wood road bears N. Easterly and S. Westerly
39.40	Wash 10 lks. wide, course Northerly
40.08	Get a Granite Stone 18x8x8 ins.

T 24 S. R. 13 E. continued
chains

12 ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 12 on
N. face, 13 on S. face, from
which

An oak 5 ins. diam. bears
N $85\frac{1}{2}^{\circ}$ E 150 lks. dist. marked
 $\frac{1}{4}$ S. 12. B.T.

An oak 24 ins. diam. bears
S $77\frac{1}{2}^{\circ}$ E 122 lks. dist. marked
 $\frac{1}{4}$ S. 13. B.T.

- 40.40 Leave valley and ascend
46.50 Top of ridge bears NE and SW;
descend along N slope
77.00 Enter Mariposa valley bears
N. Easterly
77.80 Wash 50 lks. wide, course S 85° E
80.16 Cor. point to secs. 11, 12, 13 and 14
66.10
4.106
Land mountainous and level
Dirt, gravelly, 2nd and 3rd rate

Subdivision of Fract

chains

Timber, oak and some mesquite.

Mountainous Land 66.10 chs.

Commence at cor. point of secs 11, 12, 13 and 14 "in wash,"

Thence I run

S 0° 01' E. bet. secs. 13 and 14

1,50 Leave Valley and ascend

15,00 Ridge bears E and W; descend

17,00 foot of ridge

20,00 Ridge bears NW and S. Easterly

24.60 Gulch 6 lks. wide, course S. Easterly; ascend

26.50 Top of ridge bears NW $\frac{1}{2}$ S E; descend

30.00 Enter draw bears N. Easterly

32,00 Leave draw and ascend

35.50 Top of ridge bears NE and SW; descend

T. 24 S. R. 13 E. continued

chains

- 39.70 Gulch 20 lks. wide, course N. Easterly
ascend
- 40.00 Set a Granite Stone 18x10x8 ins
12 ins. in the ground for $\frac{1}{4}$ sec
cot. marked $\frac{1}{4}$ 13 on E. face
14 on W face. from which
an Oak 8 ins. diam. bears
N. 80° E 9 lks. dist. marked
 $\frac{1}{4}$ S. 13. B.T.
An Oak 16 ins. diam bears S 57° W
90 lks. dist. marked $\frac{1}{4}$ S 14. B.T.
- 44.75 Top of ridge bears N. Easterly
and S W; descend
- 45.00 Trail bears NW and S E.
- 47.50 Head of Gulch course Easterly;
ascend
- 54.25 Top of ridge bears NW and
S. Easterly
- 61.50 Gulch 6 lks. wide course S. Easterly

Subdivision of Tract.

chains.

- 67.50 Enter valley, bears S. Easterly
- 70.50 Wash 10 lks. wide, course S. Easterly
- 71.50 Trail bears NW and S. Easterly
- 71.80 Leave valley and ascend
- 76.00 Top of ridge bears E and W; descend
- 78.85 Gulch 10 lks. wide, course Easterly;
ascend
- 80.00 72.20
78.00 Set a Granite Stone 18x10x6 ins,
12 ins. in the ground for cor. of
secs. 13, 14, 23 and 24, marked
with 3 notches on S. and 1 notch
on E. dges. from which
An Oak 12 ins. diam. bears
N 86 $\frac{1}{4}$ ° E 120 lks. dist. marked
T. 24 S. R. 13, E. S. 13, B. T.
An Oak 7 ins. diam. bears
S 71° E, 147 lks. dist. marked
T. 24 S. R. 13 E. S. 24. B. T.
An oak 7 ins. diam. bears

T24S, R. 13 E, continued
chains

S $52\frac{1}{4}^{\circ}$ W, 169 lks, dist, marked

T24S, R13E, S 23, B.T.

an oak 8 ins. diam, bears

N $83\frac{3}{4}^{\circ}$ W, 45 lks dist, marked

T.24S, R13E, S.14, B.T.

Land mountainous and level

Soil, gravelly, 2nd and 3rd rate

Timber, scattering oak.

Mountainous Land 72.20 chs.

N $89^{\circ}54'E$ on a random line
bet. secs 13 and 24.

40.00 set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect E. Bdy. of Twp. 11 lks.
N of cor. of secs. 13, 18, 19 and 24.

Thence I run

S. $89^{\circ}59'W$. on a true line
bet secs. 13 and 24.

descending

Subdivision of Fract.

chains	
0.05	Trail bears E and Westery
2.75	Descend abruptly
9.50	Enter valley bears N. Easterly
10.50	Road bears NE and S. Westery
10.70	Wire fence bears NE and S Westery
14.50	Thack, 150 chs S. "Dalous Peralla"
15.00	Well, 25 lks. S.
18.00	Wire fence bears NW. and S. Easterly
20.50	Wash 20 lks. wide, course S. Easterly
28.40	Wire fence bears N. Easterly and W. Westery
28.50	Trail bears N. Easterly and S. Westery
28.75	Leave valley bears N. Easterly; ascend
34.20	Enter draw course S. Easterly
38.00	Leave draw
39.50	Top of ridge bears NW and SE.
40.00	Get a sand stone 18x12x3 ins. 12 ins. in the ground for $\frac{1}{4}$

T. 24. S. R. 13 E. continued.

- chance
- sec. cor. marked $\frac{1}{4}$ 13 on N. face, 24 on S. face, from which an oak 12 ins. diam. bears $N 63\frac{1}{4}^{\circ} W$, 115 lks. dist. marked $\frac{1}{4}$ S. 13. B.T.
- An oak 6 ins. diam. bears $S 40\frac{3}{4}^{\circ} W$, 289 lks. dist. marked $\frac{1}{4}$ S. 24. B.T.
- 48.14 Wire fence bears North and Southerly
- 48.60 Trail bears N and Southerly
- 50.00 Gulch 10 lks. wide, course S Easterly
- 65.00 Enter draw, course S. Easterly
- 66.90 Trail bears NW. and S Easterly
- 79.00 Leave draw, course S. Easterly; ascend
- 80.00 The cor. of secs. 13, 14, 23 and 24. Land level and mountainous

Subdivision of Tract.

chains

Soil, gravelly, 2nd and 3rd rate.

Timber, scattering oak

Mountainous Land ^{80.00} 42.95 chs.37.05S. 0° 01' E. bet. secs. 23 and 24
ascending.2.90 Top of ridge, bears E $\frac{1}{2}$ W. descend.7.70 Intersect International Bdy.
line between the United States
and Mexico at a point
S 89° 48' W. 70.96 chs dist. from
Iron monument N° 123.Set a Granite stone 18x8x8 ins.
12 ins. in the ground for closing
Cor. marked C.C. on N. face
24 on E. face, MEX. on S. face
23 on W. face, and raise a
mound of stone 2½ ft. base
1½ ft. high N. of Cor. Pits

T 24 S. R. 13 E. continued.
chains

impracticable

Land mountainous

Soil, gravelly 2nd and 3rd rate

Timber, scattering oak

Mountainous Land 7.70 chs.

Dec 12. 1899

Dec. 13th 1899. at 7^h 40^m am.
l.m.t. I set off 31° 23' on the
lat. arc; 23° 10' on decl. arc;
and determine a true mer-
idian with the solar at
the cor. to secs. 2 and 3 on
the N. Bdy. of the Tp.

Thence I run

S 0° 01' E. bet secs. 2 and 3.
over mountainous and level land
descending

4.80

Gulch 10 lks. wide, course Easterly;
ascend

Subdivision of Fractl.

chains.

- 8.90 Gulch 10 lks. wide, course, Easterly
- 11.90 Draw 10 lks. wide, course Easterly
- 13.40 Draw 10 lks. wide, course N. Easterly
- 21.00 Top of ridge bears NW and S. Easterly
- 26.30 Gulch 6 lks. wide, course S. Easterly
- 31.30 Gulch 4 lks. wide, course Easterly;
ascend
- 34.50 Top of ridge bears NW. and SE.
- 39.50 Set a granite stone 18x10x6 ins.
12 ins. in the ground for witness
cor. to $\frac{1}{4}$ sec. cor. marked
W.C., $\frac{1}{4}$ 2. on E. face. 3. on W. face.
from which
an oak 15 ins. diam. bears
S $38\frac{1}{2}^{\circ}$ E. 156 lks. dist. marked
W.C. $\frac{1}{4}$ S. 2. B.T.
An oak 10 ins. diam. bears
N 63° W. 119 lks. dist. marked
W.C. $\frac{1}{4}$ S. 3. B.T.

T. 24 S. R. 13 E continued

chains

- 39.80 Bank of gulch 20 ft. high
40.00 The point for $\frac{1}{4}$ sec. cor. on bank.
40.50 Enter wash, course S E.
43.00 Leave wash, course S E; ascend
45.00 Top of ridge bears N W. and
S. Easterly; descend
50.50 Enter draw, course Easterly
50.70 Wash 10 lks. wide, course, Easterly
53.00 Leave draw, course Easterly.
56.50 Enter valley, bears N. Easterly
57.80 Wire fence bears E and W.
58.10 Trail bears E and W.
66.40 Road, bears N E and S W.
73.90 Wash 20 lks. wide, course N. Easterly
74.50 Leave valley and ascend
77.20 Gulch 8 lks. wide, course N. Easterly
79.00 Gulch 6 lks. wide, course Northerly.
80.00 Set a Granite stone 18 x 8 x 6 ins.
12 ins. in the ground for cor.

Subdivision of Frail
 chains

of secs. 2, 3, 10 and 11, marked
 with 5 notches on S, and 2 notches
 on E. edges, from which
 a white oak 6 ins. diam. bears
 $N 58^{\circ} E$, 52 lks. dist. marked
 T. 24 S. R. 13 E. S. 2. B. T.

a white oak 10 ins. diam. bears
 $S 21\frac{1}{4}^{\circ} E$, 71 lks. dist. marked
 T. 24 S. R. 13 E. S. 11. B. T.

An oak 6 ins. diam. bears
 $S 74\frac{1}{2}^{\circ} W$, 48 lks. dist. marked
 T. 24 S. R. 13 E. S. 10. B. T.

An oak 6 ins. diam. bears
 $N 87^{\circ} W$, 9 lks. dist. marked
 T. 24 S. R. 13 E. S. 3. B. T.

Land mountainous and level
 Soil, Gravelly 2nd and 3rd rate,
 Timber, Scattering oak
 Mountainous Land ^{80,00} 59.50 chs.
 3050

T. 24 S. R. 13 E continued.

chains

$N 89^{\circ} 53' E$ on a random line
bet. secs. 2 and 11.

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

80.06 Intersect N and S line at
cor. $\frac{1}{2}$ sec. 1, 2, 11 and 12.

Thence I run

$S 89^{\circ} 53' W$ on a true line
bet secs. 2 and 11.

over mountainous and level land.

0.10 Gulch 6 lks. wide, course S. Easterly;
ascend

9.00 Top of ridge, bears N. and
southerly

10.00 Trail, bears NE and S Westerly;
descend

15.50 Trail bears NW and SE.

18.60 Gulch 8 lks. wide, course NW, ascend

21.50 Top of ridge bears NW and SE;
descend

Subdivision of Frail

chains

- 26.00 Gulch 40 lks. wide, course Northaly;
ascend
- 39.50 Top of ridge, bears NE and SW.
- 39.70 Trail, bears NE and SW.
- 40.03 Set a Granite Stone 18x6x5 in.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ 2 on N. face,
11 on S. face, from which
an oak 6 ins. diam. bears
N $58\frac{1}{2}^{\circ}$ W. 57 lks. dist. marked
 $\frac{1}{4}$ S. 2, B.T.
A mesquite 8 ins. diam. bears
S. $34\frac{1}{2}^{\circ}$ W. 59 lks. dist. marked
 $\frac{1}{4}$ S. 11, B.T.
- 40.70 Trail bears N. Westerly
- 41.50 Descend
- 49.00 Gulch 6 lks. wide, course Westerly
- 51.50 Leave Gulch 6 lks wide, course N. Easterly
- 57.70 Wash 20 lks. wide course N. then
East.

T24S, R13E, continued

chains	
60.20	Enter Valley, bears Northerly
60.40	Trail bears Northerly
61.00	Draw 80 lks. wide, course Northerly
62.10	Wire fence N and S
62.30	Road bears Northerly
64.00	Leave Valley, bears Northerly; ascend
73.50	Top of ridge bears NE and SW; descend
79.50	Gulch 4 lks. wide, course Northerly; ascend
80.06	The cor. to secs 2, 3, 10 and 11
76.26	Land Mountainous and level
3.86	Soil, Gravelly, 2 nd & 3 rd rate Timber, Scattering oak and a few mesquite
	Mountainous Land 76.26 chs.

Sub-division of Tract

chains

- $50^{\circ}01'E$. bet. secs. 10 and 11.
 over mountainous $\frac{2}{3}$ level land
 ascending.
- 6.30 Gulch 10 lks. wide, course W. easterly
- 11.00 Top of ridge bears NE and SW;
 descend.
- 17.60 Gulch 30 lks. wide, course S. Easterly
 foot. of descent.
- 24.25 Top of ridge bears NW and
 S. Easterly; descend
- 27.30 Gulch 6 lks. wide, course S. Easterly;
 ascend
- 30.00 Top of ridge bears E and W. descend
- 32.25 Gulch 50 lks. wide, course Easterly;
 ascend
- 33.50 Top of ridge bears NE and SW;
 descend
- 35.50 Enter Valley, bears N Easterly
- 40.00 Get a Granite stone 18 x 7 x 7 ins.

T. 24 S. R. 13 E. continued

chauss.

12 ins. in the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ 11 on E. face
 10 on W. face, from which
 an oak 6 ins. diam. bears
 $N 34 \frac{3}{4}^{\circ} E$. 81 lks. dist. marked
 $\frac{1}{4}$ S. 11. B.T.

An oak 14 ins. diam. bears
 $N 36 \frac{1}{2}^{\circ} W$. 168 lks. dist. marked
 $\frac{1}{4}$ S. 10. B.T.

- 45.00 Leave Valley, bears N Easterly;
 ascend
- 49.00 Gulch 10 lks. wide, course Westerly
- 55.00 Top of ridge, bears $N E$, and $S W$;
 descend
- 58.20 Gulch 10 lks. wide, course Easterly;
 ascend
- 62.00 Top of ridge, bears E and W ;
 descend
- 67.60 Gulch 10 lks. wide, course Easterly

Sub-division of Fraiel.

chains.

- 71.25 Top of ridge bears NE and SW.
- 75.75 Gulch 10 lks. wide, course Easterly;
ascend
- 78.00 Top of ridge bears NW and
W. Easterly.
- 80.00 Set a Granite stone 18x8x7 ins
12 ins. in the ground for cor,
of secs. 10, 11, 14 and 15, marked
with 4 notches on S, and 2 notches
on E. edges, from which
An oak 15 ins. diam, bears
S 39 $\frac{1}{2}$ ° E 238 lks. dist, marked
T. 24 S. R. 13 E. S. 14. B. T.
- An oak 6 ins. diam, bears
S 26 $\frac{1}{2}$ ° W. 69 lks. dist, marked
T. 24 S. R. 13 E. S. 15. B. T.
- An oak 7 ins. diam, bears
N 84 $\frac{1}{4}$ ° W. 153 lks. dist, marked
T. 24 S. R. 13 E. S. 10. B. T.

T243, R13E, continued
chains.

no other tree within limits
and raise a mound of stone
2½ ft. base, 1½ ft. high. W. of
cor. Pits impracticable.

Land Mountainous and level
Soil, Gravelly, 2nd and 3rd rate
Timber, scattering oak
Mountainous Land 70.50 chs.

Dec 13, 1899

N 89° 53' E on a random line
bet. secs. 11 and 14.

40.00 set temp. ¼ sec. cor.

80.10 Intersect N and S line, 4 lks
N. of cor. point to secs. 11, 12
13 and 14. Thence I run
from Cor. point of secs 11, 12
13 and 14

S 89° 55' W, on a true line
bet. secs. 11 and 14.

Subdivision of Tract.

chains

- over Mountainous and level land
- 4.60 Leave wash, ^{10 lbs. wide} course S 85° E.
- 6.10 Road bears NE and SW
- 13.60 Wire fence bears NE and SW.
- 20.40 Leave valley, bears N Easterly;
ascend
- 24.10 Wire fence bears Easterly and
Westerly.
- 25.20 Enter draw, course Southerly
- 27.50 Road bears N Westerly and
S. Easterly
- 29.50 Leave draw, course S. Easterly;
ascend
- 40.05 Set a Sand Stone 18x12x10 ins,
12 ins. in the ground for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S. 11. on N. face
14 on S face, from which
An oak 14 ins. diam. bears
N 22 $\frac{1}{2}$ ° W. 58 lbs. dist. marked

T 24S, R 13E, continued
chains. $\frac{1}{4}$ S. 11, B.T.

an oak 6 ins. diam. bears

S $81\frac{1}{4}^{\circ}$ W. 179 lks. dist. marked $\frac{1}{4}$ S. 14, B.T.

46.00 Top of ridge bears NE and SW

50.00 Descend

55.00 Gulch 100 lks. wide, course

S. Easterly; ascend

68.00 Top of ridge bears NW and S.E.;
descend

77.00 Gulch 80 lks. wide, course

N. Easterly; ascend

80.10 The cor. to secs. 10, 11, 14 and 15.

Land mountainous and level

Soil, gravelly, 2nd and 3rd rate

Timber, scattering oak.

Mountainous Land 55.40 chs.

Subdivision of Frack, chains.

- $50^{\circ}01'E$, bet. secs. 14 and 15
 over mountainous and level land
 descend.
- 0.50 Foot of descent. Gulch 6 lks.
 wide. course S. Easterly
- 4.50 Gulch 20 lks. wide, course N. Easterly
- 5.00 ascend
- 9.00 Top of ridge bears NW and
 S. Easterly.
 Trail bears NW and S. Easterly;
 descend
- 15.00 Foot of descent. Gulch 10 lks.
 wide, course Easterly; ascend
- 19.00 Top of ridge bears NW and
 S. Easterly;
 Road bears NW and S. Easterly;
 descend
- 29.00 Gulch 30 lks. wide, course S. Easterly
- 34.00 Enter draw, course S. Easterly

T. 24 S. R. 13 E. continued

chains

- 35.50 Leave draw.
- 40.00 Set a Granite stone 18x12x6 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S. 14. on E. face
15 on W. face, from which
an oak 15 ins. diam. bears
 $S 71\frac{3}{4}^{\circ} E$. 215 lks. dist. marked
 $\frac{1}{4}$ S. 14. B.T.
An oak 10 ins. diam. bears
 $S 67\frac{1}{2}^{\circ} W$. 322 lks. dist. marked
 $\frac{1}{4}$ S. 15. B.T.
- 43.00 Gulch 10 lks. wide, course Easterly
- 49.50 Enter draw, bears S. Easterly
- 51.75 Leave draw.
- 53.50 Top of ridge bears NW and SE;
descend
- 55.25 Trail bears NW and SE.
- 56.60 Enter Mariposa Valley, bears
N. Easterly

Subdivision of Tract.

chains

- 64.40 Road bears NE and SW
- 70.50 Wash 20 lks. wide, course S. Easterly
- 71.20 Leave Valley and ascend
- 79.50 Top of spur bears NW and SE
- 80.00 Set a Granite Stone 20 x 8 x 8 ins
15 ins. in the ground for cor. of
secs. 14, 15, 22 and 23, marked
with 3 notches on S. and 2 notches
on E. edges, from which
An Oak 8 ins. diam. bears
N 65 $\frac{3}{4}$ ° E 57 lks. dist. marked
T. 24 S. R. 13 E. S. 14. B.T.
- An Oak 12 ins. diam. bears
S 41 $\frac{1}{2}$ ° E. 141 lks. dist. marked
T. 24 S. R. 13 E. S. 23. B.T.
- An Oak 8 ins. diam. bears
S 25 $\frac{3}{4}$ ° W. 101 lks. dist. marked
T. 24 S. R. 13 E. S. 22. B.T.
- An Oak 10 ins. diam. bears

T. 24 S. R. 13 E. continued.

chains

N. $65\frac{1}{2}^{\circ}$ W. 162 lks. dist. marked

T. 24 S. R. 13 E. S. 15. B.T.

Land mountainous and level

Soil, gravelly, 2nd and 3rd rate

Timber, Oak

Mountainous Land 60, 65 chs.

N $89^{\circ} 55' E$. on a random line

bet. secs. 14 and 23

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

79.97 Intersect N and S. line 9 lks

N. of cor. to secs. 13, 14, 23 and 24

Thence I run

S $89^{\circ} 59' W$. on a true line

bet. secs. 14 and 23.

ascending.

descent

20.70 Top of ridge bears NE and SW.

27.10 Gulch 20 lks. wide, course N. Easterly

29.30 Wash 10 lks. wide, course N. Easterly.

X foot of descent

Subdivision of Tract.

chains.

ascend

39.98 $\frac{1}{2}$ Set a Granite Stone 18x14x7 ins,
12 ins. in the ground for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ 14 on N,
face, 23 on S, face

from which

An oak 6 ins. diam. bears
N $53\frac{3}{4}^{\circ}$ E. 139 lks. dist. marked
 $\frac{1}{4}$ S, 14, B.T.

An oak 7 ins. diam. bears
S $43\frac{3}{4}^{\circ}$ E 164 lks. dist. marked
 $\frac{1}{4}$ S, 23, B.T.

41.60 Gulch 6 lks. wide, course S. Easterly

48.20 Gulch 10 lks. wide, course S. Easterly

67.70 Gulch 10 lks. wide, course Southwly

69.30 Trail bears NE and SW.

70.00 Top of ridge bears NE and SW.
descend

79.97 The cor. to secs. 14, 15, 22 and 23

T. 24 S. R. 13 E. continued

chains

Land mountainous
 Soil, Gravelly, 3rd rate
 Timber, oak
 Mountainous Land 79.97 chs.

S 0° 01' E. bet. secs. 22 and 23
 over mountainous land.
 Descending.

2.00 Foot of descent; ascend

7.96 Top of ridge bears E and W,
 and intersect International
 Boundary line between the
 United States and Mexico
 at a point, N 89° 48' E, 73 lks.
 dist. from Iron Mon. No. 124.
 Set a Granite stone 18 x 10 x 6 ins
 12 ins in the ground for closing
 Cor. of secs 22 and 23.
 marked C.C. on N. face,
 23 on E. face, MEX. on S. face

Subdivision of Tract.

chains

22 on N. face, from which
an oak, 4 ins. diam. bears
 $N 39\frac{1}{4}^{\circ} E$, 112 lks. dist. marked
C.C. S. 23. B.T.

an oak 16 ins. diam. bears
 $N 30\frac{1}{4}^{\circ} W$, 52 lks. dist. marked
C.C. S 22. B.T.

Land mountainous
Soil, gravelly, 2nd and 3rd rate
Timber oak.

Mountainous Land 7.96 lks.
Dec. 14, 1899

Dec. 15, 1899. 8 am. l.m.t.
I set off $31^{\circ} 23'$ on lat. arc;
 $23^{\circ} 17'$ on decl. arc; and determine
a true meridian with the
solar, at the cor. to secs.
3 and 4 on the N. Bdy. of
the Tp. Thence I run

T. 24S. R. 13E. continued.

chains

S 0° 0.2' E. bet. secs. 3 and 4.
over mountainous and level land.

- .25 Wash 20 fks. wide, course S 85° E
.30 Leave valley and ascend
2.00 Top of ridge bears E. and W.
4.00 Descend
10.20 Gulch 20 fks. wide, course Easterly;
ascend
15.20 Top of ridge bears S E and
NW. descend
19.00 Gulch 10 fks. wide, course S. Easterly
21.00 Ridge bears NW and S Easterly;
descend
25.00 Enter valley, ^{bears} N. Easterly
26.00 Road bears N. Easterly
31.70 Wash 40 fks. wide, course N. Easterly
32.50 Leave valley and ascend
38.50 Gulch 10 fks. wide, course Easterly.
40.00 Put a Granite stone 18x10x6 ins.

Sub-division of Fracl.

chains

- 12 ins. in the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ 3 on E. face
 4 on W. face, and raise a
 mound of stone $2\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft. high W. of cor. Pits
 impracticable. No trees
 within limits.
- 41.50 Top of ridge
- 42.50 Gulch 10 lks. wide, course
 westerly; ascend
- 46.00 Top of ridge, runs southerly.
- 53.00 Descend
- 58.40 Gulch 10 lks. wide, course S E;
 ascend
- 59.70 Spur bears S E; descend
- 60.50 Gulch 10 lks. wide, course
 S E; ascend
- 62.50 Top of ridge, bears E and W.
- 67.00 Gulch 10 lks. wide, course

T. 24 S. R. 13 E. continued.

chains.

Easterly; ascend

71.00 Top of ridge bears E and W; descend

74.50 Gulch 10 lks. wide, course S E; ascend

79.00 Top of ascent.

80.00 Put a Granite Stone, 18x8x8 ins.

12 ins. in the ground for cor.

of sect. 3, 4, 9 and 10, marked

with 5 notches on S. and 3

notches on E. edges, from

which

An oak 8 ins. diam. bears

N 38 $\frac{1}{4}$ ° E, 115 lks. dist. marked

T. 24 S. R. 13 E. S. 3. B.T.

An oak 6 ins. diam. bears.

S. 38 $\frac{1}{4}$ ° E, 148 lks. dist. marked

T. 24 S. R. 13 E. S. 10. B.T.

An oak 6 ins. diam. bears

N $\frac{1}{2}$ ° W, 112 lks. dist. marked

T. 24 S. R. 13 E. S. 4. B.T.

Subdivision of Fracl

chains.

no other tree within limits
and raise a mound of
stone 2½ ft. base, 1½ ft. high
W of cor. Pits impracticable
Land mountainous and level
Soil gravelly 2nd and 3rd rate
Timber, oak.
Mountainous Land 72,20 chs.

N 89° 53' E. on a random line
bet. secs. 3 and 10

40.00 Det temp. ¼ sec. cor.

79.94 Intersect N. and S. line 3 lks.

N. of cor. to secs. 2, 3, 10 and 11

Thence I run

S 89° 54' W. on a true line
bet. secs 3 and 10.

ascend

40 Top of ascent; descend

T. 24 S. R. 13 E. continued.

chains

- 2.60 Gulch ¹⁰ ~~shown~~ course N. Westerly
- 5.00 Enter Valley bears N. Easterly
- 15.60 Road bears NE and S. Westerly
- 20.20 Wash 20 fts. wide, course N. Easterly
- 22.20 Trail bears N. Westerly and S. Easterly
- 22.50 Leave Valley; ascend
- 25.00 Top of ascent, bears NE and SW.
- 28.50 Descend
- 33.00 Enter draw, course N. Easterly
- 36.00 Leave draw and ascend
- 38.50 Top of ridge bears NW and SE; descend
- 39.50 Descend abruptly
- 39.97 Det a lsranite stone 18x6x6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked 4 3 on N. face 10 on S. face, from which a white oak 8 ins. diam. bears

Subdivision of Frae'l

chains.

- N. $73\frac{1}{2}^{\circ}$ W. 70 lks. dist. marked
 $\frac{1}{4}$ S. 3. B.T.
 an oak 12 ins. diam. bears
 S $57\frac{3}{4}^{\circ}$ W. 104 lks. dist. marked
 $\frac{1}{4}$ S. 10. B.T.
- 41.00 Wash 10 lks. wide, course S E ;
 ascend
- 44.50 Top of spur bears S E; descend
- 48.00 Gulch 10 lks. wide course S E ;
 ascend
- 54.00 S. slope of ridge bears S E; descend
- 58.25 Gulch 10 lks. wide, course S.
- 63.50 Gulch 10 lks. wide, course S E.
- 70.50 Gulch 10 lks. wide, course S E. thence
 E; ascend
- 73.00 Ridge bears S E. descend
- 75.60 Gulch 10 lks. wide, course S E.
- 79.94 The cor. to secs. 3, 4, 10 and 9.
 Land mountainous and level.

T. 24 S. R. 13 E continued

chains

Soil, gravelly 2nd and 3rd rate

Timber, Oak

Mountainous Land ^{79.00} 59.44 chs.20.50

S 0° 02' E. bet. secs 9 and 10
 over mountainous and level land
 Descending.

- 4.50 Gulch 10 lks. wide, course S. Easterly
 9.50 Spur, bears S E.
 12.50 Gulch 10 lks. wide, course S E.
 17.50 Top of ridge bears E and W.
 24.00 Gulch 10 lks. wide course S. Easterly
 25.00 Top of ridge, bears E and Westerly
 30.50 Gulch 10 lks. wide course S. Easterly
 31.50 Spur, bears N. Westerly
 32.00 Enter valley, bears S. Easterly
 33.80 Wash 20 lks. wide, course, S Easterly
 35.00 Leave valley
 35.60 Spur bears N. Westerly

Sub-division of Tract

chains	
36.50	Wash 10 lks. wide, course Easterly over valley
40.00	Set a Granite stone 18x8x8 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 10 on E. face, 9. on W. face, from which an oak 18 ins. diam. bears S $68\frac{1}{2}^{\circ}$ E. 248 lks. dist. marked $\frac{1}{4}$ S. 10. B.T. a Mesquite 6 ins. diam. bears N $77\frac{1}{4}^{\circ}$ W. 106 lks. dist. marked $\frac{1}{4}$ S. 9. B.T.
43.00	Road bears N 85° E and S 85° W.
46.50	Middle of wash 70 lks. wide, course easterly.
47.00	ascend
53.00	Top of ridge bears N Easterly and S. Westerly
59.00	Gulch 4 lks. wide, course Easterly

T24S. R.13E. continued

chains

- 62.70 Gulch 20 lks. wide, course Easterly
- 72.00 Gulch 10 lks. wide, course Easterly
- 74.00 Enter draw, course Easterly.
- 76.50 Leave draw
- 78.00 Top of Spur bears Easterly; descend
- 79.70 Enter valley
- 80.00 Set a Granite stone 18x7x7 ins
12 ins in the ground for cor. of
secs. 9, 10, 15 and 16. marked
with 4 notches on S. and 3 notches
on E. edges, from which
An oak 10 ins. diam. bears
N 36 $\frac{1}{4}$ ° E 104 lks. dist. marked
T. 24S. R. 13E. S. 10. 13T.
An oak 36 ins. diam. bears
S. 44° E 152 lks. dist. marked.
T. 24S. R. 13E. S. 16. 13T.
An oak 12 ins. diam. bears
S 23 $\frac{1}{4}$ ° W. 72 lks. dist. marked

Subdivision of Tract

"chains

T. 24 S. R. 13 E. S. 16. 13 T.

An oak 5 ins. diam. bears
N 79° W. 72 els. dist. marked

T. 24 S. R. 13 E. S. 9. 13 T.

Land mountainous and level
Soil, gravelly. 2nd and 3rd rate
Timber, oak

Mountainous Land 69.50 chs

Dec 15. 1899

N 89° 54' E on a random line
bet. secs. 10 and 15.

40.00 Det Temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect N. and S. line 7 els
N. of cor. to sects. 10, 11, 14 and 15

Thence I run

S 89° 57' W. on a true line
bet. secs. 10 and 15.

1.10 Gulch 10 els. wide, course S. Easterly.

5.50 Top of ridge bears N W and
S. Easterly; descend

T 245. R 13 E. continued.

chains.

- 10.00 Head of gulch, course S, Easterly
- 14.00 Trail, bears N and S; descend
- 20.50 Top of ridge bears NW and SE;
descend
- 25.50 Enter draw
- 27.10 Wash 20 lks. wide, course N. Easterly
and leave draw and ascend
- 39.95 Get a Granite stone 18x10x7 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cot. marked $\frac{1}{4}$ 10. on N face,
15 on S. face, from which
an oak 14 ins. diam. bears
N $3\frac{1}{4}^{\circ}$ W. 100 lks. dist. marked
 $\frac{1}{4}$ S. 10. B.T.
An oak 12 ins. diam. bears
S $79\frac{3}{4}^{\circ}$ W. 119 lks. dist. marked
 $\frac{1}{4}$ S. 15 B.T.
- 40.50 Descend
- 52.50 Gulch 10 lks. wide, course N. Easterly;

Sub-division of Tract

chains

ascend

55.00 Trail bears NE and SW

59.50 Top of ridge bears NW, and S. Easterly

66.00 Enter draw, course northerly

68.00 Leave draw

69.50 Top of ridge bears N and
Southerly; descend

72.50 Enter valley, bears N Easterly

75.00 Wash 30 fts. wide, course N.E.

76.00 Trail bears NE and S.W.

79.90 The cor. to secs. 9, 10, 15 and 16

68.40

77.50

Land mountainous and level

Soil, gravelly, 2nd and 3rd rate

Timber, oak

Mountainous land 68.40 chs.

S. 0° 02' E, bet. secs. 15 and 16

over mountainous and level land.

In valley

T24 S. R. 13 E. Continued

- | chains | |
|--------|--|
| 6.50 | Trail bears NE and S Westerly |
| 11.75 | Wash 20 lks. wide, course N. Easterly |
| 18.00 | Wash 10 lks. wide, course N. Westerly |
| 20.50 | Wash 100 lks. wide, course N. Easterly |
| 22.50 | Leave Valley; ascend |
| 32.75 | Top of ascent |
| 35.00 | Enter draw, course Westerly |
| 36.75 | Leave draw, and ascend |
| 39.50 | Top of ascent, bears E and W. |
| 40.00 | <p> Set a Granite Stone 18x10x5 ins.
 12 ins. in the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ 15 on E. face,
 16 on W. face, from which
 An oak 7 ins. diam. bears
 $N 8\frac{1}{4}^{\circ} E$. 24 lks. dist. marked
 $\frac{1}{4}$ S. 15. B. T.
 An oak 14 ins. diam. bears
 $S 28\frac{1}{4}^{\circ} W$. 61 lks. dist. marked
 $\frac{1}{4}$ S. 16. B. T. </p> |

Subdivision of Tract

Chains	
43.00	Draw 30 lks. wide, course Westward ascend
48.00	Top of ridge bears E and W; descend
53.50	Gulch 20 lks. wide, course Westward
61.00	Gulch 10 lks. wide, course Westward; ascend
66.50	Top of ridge bears E and W; descend
70.25	Gulch 10 lks. wide, course Westward; ascend
73.00	Top of ascent bears E and W.
80.00	Set a Granite Stone 18x12x12 ins. 12 ins. in the ground for Cor. of secs. 15, 16, 21 and 22 marked with 3" notches on S. and E. edges, from which an oak 14 ins. diam. bears N 50 $\frac{3}{4}$ ° E 52 lks. dist. marked

T. 24 S. R. 13 E. continued

chains

T. 24 S. R. 13 E. S. 15. B.T.

An oak 12 ins. diam. bears
S 66° E. 126 lks. dist. marked

T. 24 S. R. 13 E. S. 22. B.T.

An oak 10 ins. diam. bears
S 53 1/4° W. 111 lks. dist. marked

T. 24 S. R. 13 E. S. 21. B.T.

An oak 12 ins. diam. bears
N 68° W. 60 1/2 lks. dist. marked

T. 24 S. R. 13 E. S. 16. B.T.

Land mountainous and level
Soil, gravelly. 2nd and 3rd rate.

Timber, Oak

Mountainous Land 55.75^{chs}.N 89° 57' E on a random line
bet. secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N and S. line 11 lks.

Subdivision of Tract T24S R13E continued
chains.

N. of cor. to secs. 14, 15, 22 and 23.

Thence I run,

N 89° 58' W. on a true line
bet. secs. 15 and 22.

Descending.

- 12.60 Enter Mariposa Valley, bears
N. Easterly
- 16.75 Wash 50 fms. wide, course N Easterly
- 19.50 Road bears NE and S. Westerly
- 25.50 Leave Valley and ascend
- 27.50 Enter draw course S. Easterly
- 30.00 Leave draw and ascend
- 34.00 Top of ridge, bears NE and SW;
descend
- 35.50 Enter draw, course S. Easterly
- 36.50 Wash 10 fms. wide, course S. Easterly
- 38.00 Leave draw and ascend
- 39.98 Set a Granite Stone 18x10x6 ins
12 ins. in the ground for 1/4 sec. cor.

Concluded, Book 985.