

Subdivisions: T24S, R. 13E  
P. GONTZEN - CONTRACT 55

No. 985

Subdivisions

4-671

FIELD NOTES

GENERAL LAND OFFICE.

Tp. 24S, R. 13E

985

*Indexed, Book 986.*

Township 245 R. 13E

60

6	85	5	63	4	3	2	1	
91	88	67						
7	94	8	71	9	10	11	12	
100	97	74						
18	102	17	77	16	15	14	13	
107	105	80						
19	110	20	83	21	61	22	23	24
30		29		28	27		26	25
31		32		33	34		35	36

Subdivision of Tract T. 24. S. R. 13 E, continued  
chains.

marked  $\frac{1}{4}$  15 on N face, 22 on  
S. face, from which  
a white oak 18 ins. diam. bears  
N  $67^{\circ}$  E 49 $\frac{1}{2}$  lks. dist. marked  
 $\frac{1}{4}$  S. 15, B.T.

An oak 7 ins. diam. bears  
S  $21\frac{1}{4}^{\circ}$  E, 43 lks. dist. marked  
 $\frac{1}{4}$  S. 22, B.T.

60.00 Top of ascent; descend  
along N. slope

61.50 Gulch 10 lks. wide, course northerly

78.00 Top of N slope of ridge bears E. and  
W; descend

78.60 Trail, bears N and southerly

79.96 The cor. to secs. 15, 16, 21 and 22  
Land mountainous and level.  
Soil, gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
Timber, oak.

Mountainous Land 60.06 chs.

## Subdivision of Fracl

chains.

- S $0^{\circ}02'E$ , bet. secs 21 and 22, descending.
- 3.00 Foot of descent; ascend
- 7.00 Top of ridge bears NE and SW; descend
- 8.36 Intersect International Boundary line bet. the United States and Mexico at a point N $89^{\circ}48'E$  73.68 chs. dist. from Iron monument No 125.
- Set a granite stone 18x12x6 ins. 12 ins. in the ground for closing cor. to Fracl secs. 21 and 22, marked C.C. on N. face, 22 on E. face, MEX. on S. face and 21 on W. face, from which an oak 8 ins. diam. bears N $43^{\circ}E$ . 132 lks. dist. marked

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

C.C. S. 22. B.T.

An oak 12 ins. diam. bears  
N  $75\frac{1}{4}^{\circ}$  W. 100 lks. dist. marked

C.C. S. 21. B.T.

Land mountainous

Soil. gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate

Timber, oak.

Mountainous Land 8.36 chs.

Dec 16, 1899.

Dec 17, 1899. 8. am. l.m.t. I set  
off  $31^{\circ}23'$  on lat. arc;  $23^{\circ}22'$  S on  
decl arc; and determine a true  
meridian with the solar. at  
the cor. to secs. 4 and 5 on the  
N. Bdy. of the Tps.

Thence I run

$S 0^{\circ}02' E.$  bet. secs. 4 and 5.

over mountainous land

Descending

## Subdivision of Tract

chains	
2.00	Enter draw course N. Westerly
3.50	Leave draw; ascend
15.00	Top of ridge bears NE and SW; descend
19.00	Gulch 10 lks. wide, course S. Easterly; ascend
22.50	Top of ridge bears NW and SE; descend
25.60	Gulch 6 lks. wide, course S. Easterly; ascend
28.00	Ridge bears N. Westerly and S. Easterly; descend
31.60	Gulch 80 lks. wide course S. Easterly; ascend
35.00	Top of ridge, bears E and Westerly; descend
39.70	Enter draw, course NEasterly
40.00	Get a granite stone 18x10x6 ins. 12 ins. in the ground for 1/4

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

chains

sec. cor. marked  $\frac{1}{4}$  S. 4. on  
E. face 5 on W. face, from which  
an oak 20 ins. diam. bears  
N  $1\frac{3}{4}^{\circ}$  E. 62 lks. dist. marked  
 $\frac{1}{4}$  S. 5. B. T.

an oak 5 ins. diam. bears  
N  $30^{\circ}$  W. 28 lks. dist. marked  
 $\frac{1}{4}$  S. 5. B. T.

40.50 Leave draw course N. Easterly;  
ascend

43.50 Top of ridge bears N. E and S. W.;  
descend

45.50 Gulch 20 lks. wide, course  
N. Easterly; ascend

51.00 Top of ridge bears E. and W.; descend

55.75 Gulch 10 lks. wide, course S. Easterly;  
ascend

61.50 Draw 20 lks. wide, course Easterly;  
wood road bears Easterly.

## Subdivision of Tract

chains

- 64.75 Top of ridge bears E and W;  
descend
- 67.75 Gulch 10 lks. wide, course  
Easterly; ascend
- 70.50 Top of ridge bears E and W;  
descend
- 75.40 Gulch 10 lks. wide, course Easterly;  
ascend
- 78.00 Top of ridge bears E and W.  
descend
- 80.00 Set a Granite stone 18 x 12 x 7 ins.  
12 ins. in the ground for cor. of  
secs. 4, 5, 8 and 9, marked  
with 5 notches on S. and  
4 notches on E. edges, from which  
an oak 7 ins. diam. bears  
N 79 $\frac{1}{4}$ ° E 172 lks. dist. marked  
T. 24 S. R. 13 E. S. 4. B. T.  
An oak 7 ins. diam. bears



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

chains

S  $9^{\circ}$  E, 315 lks, dist. marked

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

An oak 8 ins. diam. bears

S.  $6\frac{1}{2}^{\circ}$  W, 265 lks, dist. marked

T. 24S. R. 13E. S. 8. B.T.

An oak 6 ins. diam. bears

N  $84^{\circ}$  W, 185 lks, dist. marked

T. 24S. R. 13E. S. 5. B.T. and raise

a mound of stone 2  $\frac{1}{2}$  ft. base1  $\frac{1}{2}$  ft. high W. of cor.

Land mountainous

Soil. Gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate

Timber, oak.

Mountainous Land 77.70 chs.

N  $89^{\circ} 53' E$  on a random line  
bet. secs. 4 and 9.40.00 set temp.  $\frac{1}{4}$  sec. cor.

79.94 Intersect N. and S. line, 5 lks.

# Subdivision of Tract chains.

- N. of cor. to secs. 3, 4, 9 and 10  
 Thence I run  
 S  $89^{\circ}55'W$ . on a true line  
 bet. secs. 4 and 9.  
 over mountainous land  
 Descending.
- 5.00 Gulch 10 lks. wide, course  
 S. Easterly; ascend
- 9.75 Top of ridge bears NW. and  
 S. Easterly; descend
- 12.50 Gulch 6 lks. wide, course  
 S Easterly; ascend
- 16.00 Top of ridge bears NW. and  
 S. Easterly; descend
- 19.50 Gulch 10 lks. wide, course S. Easterly,  
 ascend.
- 23.50 Top of ridge bears N. and  
 Southerly; descend
- 27.20 Gulch 10 lks. wide, course

## T 24 S. R 13 E. continued

chains

Southerly: ascend

29.00 Top of ridge bears N.W. and  
S.Easterly; descend30.50 Gulch 10 lks. wide, course S.Easterly;  
ascend34.50 Top of ridge bears N.Westerly  
and S.Easterly; descend38.00 Gulch 10 lks. wide, course N.Easterly;  
ascend

39.97 Det a Granite Stone 18x8x5 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  4 on N. face  
9 on S. face, from which  
an oak 7 ins. diam. bears  
N  $48\frac{1}{2}^{\circ}$  E, 101 lks. dist, marked  
 $\frac{1}{4}$  S. A, B, T,  
an oak 12 ins. diam. bears  
S  $85\frac{1}{2}^{\circ}$  W 26 lks. dist. marked  
 $\frac{1}{4}$  S. 9, B, T, and raise a mound

## Subdivision of Tract

chains

- of stone  $2\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft high  
N. of cor.
- 42.50 Top of ridge, bears NE and  
S Westery, descend along N  
slope of ridge
- 42.70 Trail bears N. Easterly and  
S. Westery.
- 53.00 Enter draw, course N. Easterly
- 54.95 Wash 20 eks. wide, course N. Easterly
- 55.00 Leave draw course N. Easterly;  
ascend
- 62.50 Top of ridge, bears NE and  
S W; descend
- 66.75 Enter valley bears N. Easterly
- 67.40 Wash 20 eks. wide, course  
N. Easterly
- 69.50 Road, bears NE and SW.
- 69.75 Leave valley and ascend
- 79.94 The cor. to secs. 4, 5, 8 and 9.

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

chain

Land mountainous and level  
Soil. Gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate  
Timber, oak.

Mountainous Land 75. chs.

S 0° 02' E. bet. secs 8 and 9  
over mountainous land  
Descending

200 Gulch 10 lks. wide, course Easterly;  
ascend

500 Top of ridge bears E and W; descend

900 Foot of ridge; draw 30 lks wide  
course Easterly.

1200 Enter draw, course N. Easterly

1390 Road bears NE and SWesterly.

1490 Leave draw; ascend

2450 Top of ridge bears E. and W;  
descend

3850 Draw 30 lks. wide, course Easterly;  
foot of descent; ascend

## Subdivision of Tract

chains

- |       |   |
|-------|---|
| 40.00 | <p>Set a Granite Stone 18x10x8 ins.<br/>12 ins. in the ground for <math>\frac{1}{4}</math> sec.<br/>cor. marked <math>\frac{1}{4}</math> 9 on E face<br/>8. on W. face, from which.<br/>An oak 7 ins. diam. bears<br/>N 89° E. 37 els. dist. marked<br/><math>\frac{1}{4}</math> 5.9, B.T.<br/>An oak 7 ins. diam. bears<br/>N 30° W. 28 els. dist. marked<br/><math>\frac{1}{4}</math> 5.8, B.T.</p> |
| 43.00 | Top of ridge bears N and S;<br>descend  |
| 44.75 | Gulch 10 els. wide, course<br>northerly; ascend   |
| 47.50 | Top of ridge bears NE and<br>SW; descend  |
| 53.60 | Gulch 10 els. wide, course N. easterly;<br>ascend   |
| 60.00 | Top of ridge bears N; and   |

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

Chains

Southerly; descend

6640 Gulch 10. lks. wide, course S Easterly

79.00 Descend abruptly.

79.70 Cut. 10 lks. West.

8000 Set a Granite stone 18 x 8 x 6 ins.  
12 ins. in the ground for Cor.  
of secs. 8, 9, 16 and 17. marked  
with 4 notches on S, and 4  
notches on E. edges.

from which

An oak 20 ins. diam. bears  
S 10° E. 281 lks. dist. marked

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

An oak 16 ins. diam. bears  
S 42° W 345 lks. dist. marked

T. 24 S. R. 13 E. S 17. B. T.

An oak 16 ins. diam. "N fork 8"  
marked" bears N 89° W. 262 lks.  
dist. marked T. 24 S. R. 13 E.

Subdivision of Tract  
chains.

S. S. 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.  
Land mountainous and level  
Soil, Gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
Timber, oak  
Mountainous Land 77.10 chs.

N  $89^{\circ} 55' E$  on a random line  
bet. secs. 9 and 16  
40.00 set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Intersect N. and S. line 4 lks.  
S of cor. to secs. 9, 10, 15 and 16.  
Thence I run  
S  $89^{\circ} 53' W$ . on a true line  
bet secs. 9 and 16.  
over mountainous land.  
0.50 Leave valley, bears N. Easterly;  
ascend



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

chains

- 2.50 Top of ridge bears NE and S. Westerly; descend
- 3.50 Draw 20 lks wide course N Easterly
- 8.20 Gulch 10 lks wide, course N Easterly; ascend
- 12.00 Top of ridge bears NW and S Easterly along S. slope
- 28.70 Gulch 10 lks wide, course S. Easterly; ascend
- 30.50 Top of high ridge bears NE and SW; descend
- 34.70 Gulch 8 lks wide, course N. Westerly
- 39.00 Foot of descent and enter valley, bears N. Easterly  
 Set a Granite stone 18x12x6 ins. 12 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor. marked W.C.  $\frac{1}{4}$ . 9. on N. face. 16 on S. face. from which

Subdivision of Fract  
chains.

- an oak 16 ins. diam, bears  
N  $46\frac{1}{4}^{\circ}$  E, 118 lks, dist. marked  
 $\frac{1}{4}$  S. 9. B.T. W.O.
- An oak 20 ins. diam, bears  
S  $27\frac{3}{4}^{\circ}$  E, 41 lks, dist. marked  
 $\frac{1}{4}$  S. 16. B.T. W.O.
- 40.05 The point for  $\frac{1}{4}$  sec. cor falls  
in wash;  
Wash 50 lks. wide course N. Easterly
- 43.75 Wash 50 lks. wide, course N. Easterly
- 47.00 Road bears NE and S Westerly
- 55.00 Leave Valley bears N Easterly  
and ascend
- 62.50 Top of spur bears S. Easterly
- 65.00 Gulch 10 lks. wide, course Easterly
- 67.00 Top of spur bears S Easterly
- 69.20 Gulch 6 lks. wide course Easterly
- 71.80 Top of spur, bears S. Easterly
- 77.00 Gulch 10 lks wide course Easterly;  
ascend

## T24S R13E continued

chains

- 79.00 Top of spur, bears Southerly;  
descend
- 80.10 The cor to secs. 8, 9, 16 and 17  
Land mountainous and level  
Soil, gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate  
Timber, oak  
Mountainous Land 63.60 chs.
- 
- 50°02'E. bet. secs. 16 and 17
- 1.00 Mouth of Tunnel, 6 chs. E.
- 1.75 Enter valley, bears N Easterly
- 11.50 Leave valley and ascend
- 15.50 Top of spur bears E and W.
- 24.00 Gulch 10 chs. wide, course Easterly;  
ascend
- 26.75 Top of spur of high ridge;  
descend
- 31.10 Gulch 10 chs. wide, course S. Easterly
- 33.00 Gulch 10 chs. wide, course Easterly

## Sub-division of Trail

chains	
38.00	Enter Valley bears NE.
40.00	Get a Granite stone 18x10x6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 16 on E. face 17 on W. face, from which an oak 16 ins. diam. bears N $39\frac{1}{2}^{\circ}$ W. 115 lks. dist. marked $\frac{1}{4}$ S. 17 B.T.  An oak 12 ins. diam. bears S $67\frac{1}{4}^{\circ}$ W. 146 lks. dist. marked $\frac{1}{4}$ S. 17. B.T.
40.10	Trail bears NEasterly and S. Westerly
43.00	Leave Valley and ascend
54.00	Top of high ridge bears NE and SW. descend
57.05	Gulch 6 lks wide, course Easterly; ascend
59.50	
69.50	Top of ridge bears E and W. descend

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

chains

- 61.50 Gulch 10 lks. wide, course Easterly;  
ascend
- 67.70 Gulch 6 lks. wide, course Easterly
- 72.25 Gulch 10 lks wide, course Easterly
- 76.90 Gulch 18 lks wide course Easterly
- 80.00 Set a Porphyry stone 18 x 10 x 8 ins.  
12 ins. in the ground for cor.  
of secs. 16, 17, 20 and 21 marked  
with 3 notches on S, and 4 notches  
on E. edges, from which  
An oak 5 ins. diam, bears  
N 24½° E. 9 lks, dist. marked  
T. 24 S. R. 13 E, S 16, B.T.  
An oak 6 ins. diam, bears  
S 46° E 153 lks, dist. marked  
T. 24 S. R. 13 E, S, 21, B.T.  
An oak 14 ins. diam, bears  
S 4½° W. 153 lks, dist. marked  
T. 24 S. R. 13 E, S, 20, B.T.

# Subdivision of Tract

chains

An oak 8 ins. diam. bears  
 $N 32\frac{1}{4}^{\circ} W$ . 35 lks. dist. marked  
 T. 24 S. R. 13 E. S. 17. B. T.

Land mountainous and level  
 Soil, gravelly, 2<sup>nd</sup> and 3<sup>rd</sup> rate  
 Timber, oak

Mountainous Land 65.25 chs

$N 89^{\circ} 53' E$  on a random line  
 bet. secs. 16 and 21

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

80.04 Intersect N. and S. line 4 lks  
 S of cor. to secs. 15, 16, 21 and 22

Thence I run

$S 89^{\circ} 51' W$ . on a true line  
 bet. secs. 16 and 21.

over mountainous land  
 descending.

4.00 Gulch 10 lks wide, course northerly;

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

chains

ascend

- 5.25 Top of ridge bears N and S; descend  
 8.50 Enter valley, bears northerly  
 9.30 Wash 20 lks. wide, course northerly.  
 10.50 Trail bears N and S.  
 13.00 Leave valley, bears northerly  
 25.00 Top of ascent; descend  
 32.50 Gulch 4 lks. wide, course  
 S Easterly; ascend  
 35.00 Top of ridge bears NW and  
 SE; descend  
 38.00 Gulch 10 lks. wide, course  
 S Easterly; ascend  
 40.02 Det a Porphyry stone 18 x 12 x 6 ins  
 12 ins. in the ground for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  16 on N. face  
 21 on S. face from which  
 an oak 7 ins. diam. bears  
 S  $49\frac{3}{4}^{\circ}$  E 31 lks. dist. marked

## Subdivision of Tract

chains

- $\frac{1}{4}$  S. 21, B.T.  
 An oak 8 ins. diam. bears  
 N  $55^{\circ}$  W. 59 lks. dist. marked  
 $\frac{1}{4}$  S. 17, B.T.
- 43.50 Top of ridge bears E and W;  
descend along N. slope
- 55.25 Head of gulch, course N. Easterly;  
ascend
- 58.00 Top of ridge bears NE and  
SW.; descend
- 60.00 Enter oak brush, bears N and S
- 61.50 Gulch 10 lks. wide, course Northaly;  
ascend
- 70.50 Top of ridge bears N and S.  
and leave oak brush
- 77.00 Gulch 10 lks. wide, course N. then  
Westerly; ascend
- 80.04 The cor. to secs. 16, 17, 20 and 21.  
Land mountainous and level



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

chains

Soil, Gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate  
 Timber, oak and undergrowth  
 Mountainous Land 75.94 chs.

50° 02' E. bet secs. 20 and 21  
 over mountainous land  
 descend

1.15 Gulch 600 yds wide, course N, E.;  
 ascend

2.00 Top of ascent; descend

8.40 Intersect International  
 Boundary line between the  
 United States and Mexico at  
 a point 589° 48' W. 6.30 chs.  
 dist. from Iron monument  
 No 125.

Set a Granite stone 18x8x8 ins.  
 12 ins. in the ground for closing  
 Cor. to frac't. secs. 20 and 21.

Subdivision of Tract  
chains

marked C.C. on N. face, 21  
on E. face, MEX. on S. face  
and 20. on W. face. from  
which

An Oak 8 ins. diam. bears  
N  $69\frac{1}{4}^{\circ}$  E 87 lks. dist. marked  
C.C. S. 21. B.T.

an Oak 8 ins. diam. bears  
N  $13^{\circ}$  W. 18 lks. dist. marked  
C.C. S. 20. B.T.

Land Mountainous

Soil, Gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate

Timber, Oak

Mountainous Land 8,40 chs.

Dec 18. 1899.

Dec 19. 1899. at  $7^{\text{h}} 50^{\text{m}}$  l.m.t.  
I set off  $31^{\circ} 23'$  on the lat.  
arc.  $23^{\circ} 25'$  on the decl. arc;  
and determine a true

## T24S. R.13E. continued

chains

meridian with the solar  
at the cor. to secs 5 and  
6 on the N. Bdy. of the  
Tp.

Thence I run

S.  $0^{\circ}03'E$ , bet. secs. 5 and 6

Over mountainous land.

Ascending along W. side of  
draw.

- 16.50 Enter draw, course N. Easterly  
18.20 Leave draw, course N. Easterly  
24.70 Top of ridge bears NW and  
S. Easterly  
27.40 Gulch 10 lks wide, course N. East-  
erly; ascend  
29.40 Top of ridge bears NE and  
SW.  
31.70 Gulch 6 lks wide, course  
S. Easterly

## Subdivision of Tract

chains	
35.40	Gulch 10 lks. wide, course S Easterly.
40.00	Set a Granite stone 18x10x10 ins. 12 ins. in the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ 5 on E face 6 on W. face, from which an oak 14 ins. diam. bears S $15\frac{1}{4}^{\circ}$ E 87 lks. dist. marked $\frac{1}{4}$ S. 5. B.T.
	A white oak 14 ins. diam. bears S $61\frac{1}{2}^{\circ}$ W. 70 lks. dist. marked $\frac{1}{4}$ S. 6. B.T.
41.00	Draw 60 lks. wide course Easterly; ascend
43.70	Top of ridge, bears NE and S. Westerly; descend
46.80	Enter draw, course N. Easterly
47.80	Leave draw, course N. Easterly
54.70	Top of ridge bears NE and S.W.

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

chains

- 59.80 Gulch 10 lks. wide, course  
Easterly; ascend
- 66.70 Top of ridge bears E and W;  
descend
- 70.40 Draw 100 lks wide, course  
Easterly; ascend
- 74.40 Top of ridge bears E and W;  
descend
- 76.65 Gulch 10 lks. wide, course  
Easterly; ascend
- 78.40 Top of ascent, bears NW and  
S Easterly; descend
- 80.00 Set a Granite stone 18x10x10 in  
12 ins. in the ground for cor.  
of secs. 5, 6, 7 and 8, marked  
with 5 notches on S. and 5  
notches on E. edges. from  
which  
an oak 12 ins. diam. bears

# Subdivision of Tract

chains

N 87 $\frac{1}{4}$ ° E, 188 lks, marked

T. 24S, R. 13E, S. 5, B.T.

An oak 8 ins. diam, bears  
S 17 $\frac{1}{2}$ ° E, 31 lks, dist. marked

T. 24S, R. 13E, S. 8, B.T.

An oak 12 ins diam, bears

S 14° W, 172 lks, dist. marked

T. 24S, R. 13E, S. 7, B.T.

An oak 4 ins. diam, bears

N 46° W, 82 lks, dist. marked

T. 24S, R. 13E, S. 6, B.T.

Land mountainous

Soil, Gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate

Timber, Oak

Mountainous Land 75, 70 chs.

N 89° 53' E on a random line  
bet. sects. 5 and 8

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

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

chains

79.96

Intersect N and S line  
4 lks. N of cor. to secs. 4, 5,  
8 and 9.

Thence I run

S  $89^{\circ}55'W$ , on a true line  
bet. secs. 5 and 8

Over mountainous land,  
ascending gradually.

7.00

Top of ridge bears NW and  
SEasterly; ascend

10.90

Foot of descent; wash 10 lks.  
wide, course Southerly; ascend

14.50

Gulch 6 lks. wide, course  
SEasterly

18.00

Top of ridge bears NW and  
SEasterly; descend;

Road bears NW and SEasterly.

20.50

Gulch 10 lks. wide, course  
SEasterly; ascend

## Subdivision of Tract

chains	
24.00	Top of ridge, bears NW and SEasterly; descend
28.25	Gulch 6 lks, wide, course SEasterly; ascend
33.00	Top of ridge, bears NW and SEasterly
39.98	Set a Granite stone 18x6x6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ 5 on N. face <del>8</del> on S face, from which an oak 7 ins. diam. bears S $57\frac{3}{4}^{\circ}$ W. 76 lks. dist. marked $\frac{1}{4}$ S. 8. B.T. an oak 14 ins. diam. bears N $4\frac{1}{4}^{\circ}$ W. 71 lks. dist. marked $\frac{1}{4}$ S. 5. B.T. and raise a mound of stone 2 $\frac{1}{2}$ ft base. 1 $\frac{1}{2}$ ft high. N of cor.



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

chains

- 41.50 Top of ridge bears NE and SW.; descend gradually.
- 52.50 Descend abruptly.
- 58.20 Enter valley, bears northerly
- 59.50 Road bears N and S.
- 63.00 Leave valley; ascend abruptly
- 69.50 Top of ridge, bears NE and S. Westerly; descend abruptly
- 73.75 Enter valley, bears NEasterly
- 78.00 Leave valley; ascend abruptly
- 79.96 The cor. to secs. 5, 6, 7 and 8.  
Land mountainous and level  
Soil, gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate  
Timber, oak  
Mountainous Land 70.91 chs.

S 89° 53' W, on a random line  
bet secs 6 and 7.

40.00 dit temp. 1/4 sec. cor.

## Subdivision of Fract

chains

- 78.17 Intersect W. Bdy of Twp. 11  
 lks. N of Cor to secs. 1, 6, 7 and 12  
 Thence run  
 N 89° 58' E on a true line  
 bet. secs. 6 and 7.  
 over mountainous land.  
 ascending.
- 2.70 Top of ridge, bears N Easterly;  
 descend
- 6.00 Gulch 10 lks. wide, course  
 N Easterly; ascend
- 11.00 Ridge bears NE and SW; descend
- 15.50 Gulch 10 lks. wide, course  
 N. Easterly; ascend
- 16.00 Ridge bears NE and SW; descend
- 30.00 Enter Valley bears N. Easterly
- 32.60 Leave Valley bears N Easterly;  
 ascend
- 35.30 Ridge bears N and S; descend

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

chains

- 35.90 Gulch 10 lks, wide course  
Northerly; ascend
- 37.70 Spur, bears northerly
- 38.17 Det a granite stone 18 x 10 x 7 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  6 on N. face,  
7 on S. face. from which  
an oak 14 ins. diam. bears  
S  $24^{\circ}$  W. 18 lks. dist. marked  
 $\frac{1}{4}$  S. 7. B.T.  
an oak 6 ins. diam. bears.  
N  $38^{\circ}$  W. 108 lks. dist. marked  
 $\frac{1}{4}$  S. 6. B.T.
- 39.92 Gulch 10 lks, wide, course  
N. Westerly
- 51.20 Top of ridge bears N and  
S; descend
- 61.50 Top of ridge bears NW and  
S Easterly.

## Subdivision of Tract

chains	
68.40	Gulch 40 lks. wide course S. Easterly
72.70	Top of ridge bears NW and S. Easterly; descend
78.17	The cor. to secs 5, 6, 7 and 8. Land Mountainous and level Soil. Gravelly; 2 <sup>nd</sup> and 3 <sup>rd</sup> rate Timber, oak Mountainous Land 75.57 chs
	Dec 19. 1899
	S 0° 03' E, bet secs. 7 and 8. Over mountainous land. Descend
1.50	Enter draw, course N Easterly
2.55	Wash 10 lks. wide, course N Easterly
5.50	Leave draw; ascend
9.50	Top of ridge, bears NE and S W; descend
15.50	Gulch 6 lks wide course Easterly

## T. 245. R 13E continued

- |                 |  |
|-----------------|--|
| chains<br>18.00 | Sulch 10. lks wide course<br>Easterly  |
| 22.00           | Enter draw, course N. Easterly   |
| 24.90           | Road bears NE and S Westerly   |
| 27.50           | Leave draw; ascend   |
| 35.50           | Top of ridge, bears NE and<br>SW   |
| 40.00           | Get a granite stone 18x8x7 ins.<br>12 ins. in the ground for $\frac{1}{4}$<br>sec. cor. marked $\frac{1}{4}$ 8 on<br>E. face, 7 on W. face<br>from which<br>An oak 10 ins. diam. bears<br>S $60\frac{1}{2}^{\circ}$ E. 64 lks, dist. marked<br>$\frac{1}{4}$ S. 8, 13, T.<br>An oak 7 ins. diam. bears<br>S $57\frac{1}{4}^{\circ}$ W. 128 lks, dist. marked<br>$\frac{1}{4}$ S. 7, 13, T. |
| 40.30           | Enter draw, course Easterly  |

## Subdivision of Fract

chains

- 41.00 Leave draw; ascend
- 51.75 Top of ridge bears NE and SW; descend
- 56.00 Head of gulch, course Easterly
- 60.50 Top of ridge bears E and W, descend
- 64.50 Top of same ridge bears NW and SE; descend
- 70.00 Descend
- 78.00 Enter cañon
- 78.70 Wash 100 yds. wide, course Easterly
- 79.60 Leave cañon and ascend
- 80.00 Set a granite stone 18 x 8 x 8 ins. 12 ins. in the ground for cor. of secs. 7, 8, 17 and 18. marked with 4 notches on S. and 5 notches on E. edges.  
from which  
an oak 14 ins. diam. bears N 43 $\frac{3}{4}$ ° E. 28 yds. dist. marked

T. 24 S. R. 13 E. continued

chains

T. 24 S. R. 13 E. S. 8. B. T.

An oak 7 ins. diam. bears

S  $26\frac{1}{2}^{\circ}$  E. 42 lks. dist. marked

T. 24 S. R. 13 E. S. 17. B. T.

An oak 8 ins. diam. bears

S  $2\frac{1}{2}^{\circ}$  W. 42 lks. dist. marked

T. 24 S. R. 13 E. S. 18. B. T.

An oak 8 ins. diam. bears

N  $28\frac{1}{2}^{\circ}$  W. 25 lks. dist. marked

T. 24 S. R. 13 E. S. 7. B. T.

Land mountainous and level

Soil, gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> rate

Timber, Oak

Mountainous Land 69.80 chs.

N  $89^{\circ}55'E$  on a random line  
bet secs. 8 and 17.

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

79.90 Intersect N. and S. line 10 lks

# Subdivision of Tract chams

- N. of cor. to secs. 8, 9, 16 and 17.  
Thence I run  
S 89° 59' W. on a true line  
bet. secs. 8 and 17  
Over mountainous land,  
Descending.
- 2.60 Enter valley, bears S. Easterly  
5.50 Trail bears NE and S. Westerly  
8.35 Wash 20 lks. wide, course N. Easterly  
10.00 Leave valley and ascend N.  
slope of high ridge which  
forms S bank of cañon  
20.00 Top of slope and descend  
along S. bank of cañon  
very steep  
39.95 The point for  $\frac{1}{4}$  sec. cor. falls  
in cañon.  
41.00 Set a Granite stone 15 x 8 x 8 ins  
12 ins. in the ground for witness



T. 24S. R. 13E. continued

chains

cor. to  $\frac{1}{4}$  sec. cor. marked  
 W.C.  $\frac{1}{4}$  8 on N. face. 17. on  
 S. face. from which  
 an oak 12 ins. diam. bears  
 N  $56^{\circ}$  E. 28 lks. dist marked  
 W.C.  $\frac{1}{4}$  5. 8. B.T.

An oak 14 ins. diam. bears  
 S  $40\frac{1}{2}^{\circ}$  W. 26 lks. dist. marked  
 W.C.  $\frac{1}{4}$  5. 17. B.T.

Thence continued along  
 S. edge of cañon and bank

79.00 Leave Cañon and ascend  
 spur, bears N. Easterly.

79.90 The cor. to secs. 7, 8, 17 and 18  
 Land Mountainous

Soil, Gravelly and Rocky; 3<sup>rd</sup>  
 and 4<sup>th</sup> rate

Timber, oak and undergrowth.  
 Mountainous Land. 79.90 chs.

# Subdivision of Tract

chains

- $S 89^{\circ} 58' W.$  on a random line  
 bet secs 7 and 18.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.20 Intersect W. Bdy. of Tp. 10 Ets.  
 S. of cor. to secs. 7, 12, 13 and 18  
 Thence I run  
 $N 89^{\circ} 54' E.$  on a true line  
 bet secs. 7 and 18.  
 Over mountainous land.  
 Descending.  
 9.10 Gulch 6 Ets. wide, course Northerly;  
 ascend  
 19.00 Top of ridge bears N and  
 Southerly; descend along  
 S. slope  
 38.20 Set a Granite stone  $18 \times 10 \times 6$  ins.  
 12 ins. in the ground for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4} T.$  on N. face  
 17 on S. face, from which

## T24S. R13E. continued

chains

An oak 10 ins. diam. bears  
 $N 62\frac{1}{4}^{\circ} E$ . 78 lks. dist. marked  
 $\frac{1}{4} S. 7. 13. T.$

An oak 10 ins. diam. bears  
 $S 43\frac{3}{4}^{\circ} E$ . 70 lks. dist. marked  
 $\frac{1}{4} S. 17. 13. T.$

41.00 Cañon 40 lks. wide, course N. Easterly

48.00 Cañon 30 lks. wide, course Southerly  
 then Easterly

49.00 Thence along cañon and S  
 Bank, Easterly.

78.20 The cor. to secs. 7, 8, 17 and 18  
 Land mountainous  
 Soil, gravelly and rocky;  
 3<sup>rd</sup> and 4<sup>th</sup> rate  
 Timber, oak

Mountainous Land 78.20 chs.

Dec. 20. 1899

Subdivision of Fracl  
chains

- S  $0^{\circ}03'E$  bet. secs 17 and 18.  
Over mountainous land,  
ascending.
- 4.00 Top of ascent, bears N. Easterly;  
descend
- 5.00 Gulch 20 lks. wide, course  
N. Easterly; ascend
- 16.00 Top of ridge bears N. Westerly  
and S. Easterly
- 18.70 Gulch 20 lks. wide, course  
N. Westerly; ascend
- 23.00 Top of ridge bears N. Westerly  
and S. Easterly; descend
- 27.50 Gulch 6 lks. wide, course  
N. Easterly
- 29.25 Enter cañon, course N. Easterly
- 30.00 Leave cañon; ascend steep
- 38.00 Top of ridge bears N. Easterly  
and S. Westerly; descend

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

- cham  
40.00 Put a Granite stone 18x10x3 ins  
12 ins. in the ground for  $\frac{1}{4}$  sec  
cor. marked  $\frac{1}{4}$  17 on E. face  
18 on W. face. from which  
an oak 6 ins in diam. bears  
N 86° W. 123 lks. dist. marked  
 $\frac{1}{4}$  S. 18. 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. Pds  
impracticable.
- 44.00 Rocky gulch, 20 lks. wide, course  
N Easterly; ascend
- 48.50 Top of ridge bears NE and  
S. Westerly.
- 52.50 Gulch 10 lks. wide, course Easterly
- 55.00 Top of ridge bears Easterly and  
westerly; descend
- 56.40 Gulch 10 lks. wide course N. Easterly;  
ascend

## Sub-division of Tract

chains	
67.00	Top of ascent
69.00	Gulch 6 lks. wide, course Easterly; ascend
69.50	Top of ridge bears E and Westerly; descend
73.20	Gulch 6 lks. wide, course Easterly; ascend
78.50	Top of ridge bears E and W; descend
80.00	Set a Porphyry stone 18x7x7 ins 12 ins. in the ground for cor. of secs. 17, 18, 19 and 20, marked with 3 notches on S, and 5 notches on E, edges. from which an oak 8 ins. diam. bears N 13° 14' W, 144 lks. dist. marked T. 24 S. R. 13 E. S. 17, B.T. An oak 10 ins. diam. bears N 8° W, 167 lks. dist. marked T. 24 S. R. 13 E. S. 18, B.T. No other ("trees not visible from cor")

## T 24 S. R 13 E. continued

chains

Trees within limits and  
raise a mound of stone  
2½ ft. base, 1½ ft high. W. of  
cor. Pits impracticable.

Land mountainous.

Soil, gravelly and rocky;  
3<sup>rd</sup> and 4<sup>th</sup> rate.

Timber, oak

Mountainous Land 80. chs.

Dec 21 1899

N 89° 59' E on a random line  
bet. secs 17 and 20.

40.00 set temp. ¼ sec. cor.

80.06 Intersect N and S. line 14 lks.  
S. of cor. to secs. 16, 17, 20 and 21

Thence I run

S 89° 53' W. on a true line  
bet. secs. 17 and 20.

over mountainous land.

## Subdivision of Trail

chains.

~~at~~

ascending.

- 4.00 Top of ridge bears NE and S. Westerly; descend
- 8.50 Descend, steep.
- 19.60 Draw 70 lks. wide, course Northerly; ascend abruptly
- 30.50 Top of ridge bears N. and Southerly; descend
- 34.00 Gulch 10 lks. wide, course Southerly; ascend
- 40.03 Set a Granite stone 8x10x10 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  17 on N. face 20 on S. face, and raise a mound of stone 2  $\frac{1}{2}$  ft. base 1  $\frac{1}{2}$  ft. high N. of cor. Pits impracticable, no trees within limits.
- 42.00 Top of ascent; descend



## T. 24 S. R. 13 E. Continued

- chains  
49.50 \* Cañon 40 lks wide, course  
S. Easterly; ascend abruptly  
along N. slope
- 57.00 Top of slope; descend
- 57.50 High rock bluff 6 lks N. of line
- 58.50 Leave bluff and descend
- 64.50 \* Cañon 40 lks wide, course  
N Easterly; ascend
- 70.00 Top of ridge bears N. Westerly  
thence along said ridge.
- 80.06 The cor. to secs. 17, 18, 19 and 20.  
Land Mountainous.  
Soil, gravelly and rocky;  
3<sup>rd</sup> and 4<sup>th</sup> rate  
Timber, Oak.  
Mountainous Land 80.06 chs.

S 89° 54' N. on a random line  
bet. secs. 18 and 19.

## Subdivision of Tract

chains.

- 40.00 Set temp  $\frac{1}{4}$  sec. cor.
- 78.26 Intersect W. Bdy. of Twp. 4  
 lks. S. of cor. to secs. 13, 18, 19  
 and 24
- Thence I run  
 N  $89^{\circ}52'E$ . on a true line  
 bet. secs. 18 and 19.  
 Over mountainous land.  
 ascending along S. slope.
- 2.50 Top of ridge, bears N. Westerly  
 and S. Easterly; descend
- 8.75 Gulch, 10 lks. wide, course S. Easterly;  
 ascend
- 13.00 Top of ascent. descend
- 15.00 descend abruptly
- 19.25 Rocky gulch 30 lks. wide, course  
 N Easterly; ascend abruptly  
 along N. slope
- 29.25 Trail bears NW and S Easterly

## T24S. R13E. continued

chains

32.25 Gulch 10 lks. wide course N Westly;  
foot of descent; ascend

32.40 Iron crappings

38.26 Set a granite stone 18x8x8 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$ S. 18 on N. face  
19 on S. face, from which  
An oak 8 ins. diam. bears  
N  $57^{\circ}$ E, 103 lks. dist. marked  
 $\frac{1}{4}$ S. 18, B.T.

An oak 10 ins. diam. bears  
S  $40^{\circ}$ W. 40 lks. dist. marked  
 $\frac{1}{4}$ S. 19, B.T.

Thence along N slope of ridge

49.00 Top of ridge bears N and  
Southerly; descend

54.50 Gulch 10 lks. wide, course  
S. Eastly; ascend abruptly.

59.50 Top of ridge bears E and

## Subdivision of Tract

chains

- |       |   |
|-------|---|
|       | Westerly; descend   |
| 65.00 | Gulch 6 lks wide, course<br>S. Easterly; ascend   |
| 69.00 | Top of ascent, bears N and<br>S, descend  |
| 78.26 | The cor. to secs. 17, 18, 19 and 20<br>Land Mountainous<br>Soil, gravelly and rocky<br>Timber, oak<br>Mountainous Land 78.26 chs. |
|       | S 0° 03' E, bet secs 19 and 20<br>Over mountainous land<br>Descending.  |
| 3.25  | Head of gulch course, Easterly<br>Rock bluff 10 lks W; ascend   |
| 5.50  | Top of ridge, bears E and W;<br>descend   |
| 8.50  | Intersect International   |

T. 24S. R. 13E. continued

chains

Boundary line between the  
United States and Mexico  
at a point  $S 89^{\circ} 48' W$ .

86.27 chs. dist. from Iron  
monument No 125.

Set a Granite stone  $18 \times 8 \times 6$  ins.  
12 ins. in the ground for closing  
cor. of frac. secs. 19 and 20.  
marked C.C. on N. face, 20  
on E face, MEX. on S. face  
and 19 on W. face, from which  
an oak 6 ins. diam. bears  
 $N 7\frac{1}{4}^{\circ} E$ , 197 lks. dist. marked  
C.C. S. 20. B.T.

An oak 6 ins. diam. bears  
 $N 62\frac{1}{4}^{\circ} W$ , 17 lks. dist. marked  
C.C. S. 19. B.T.

Land mountainous.

Soil, gravelly and rocky;

Subdivision of Tract 7, 248 R 13E, concluded  
chains.

Timber, scattering oak  
Mountainous Land 8.50 chs.

Dec. 22. 1899

General description.

This Township is bounded on the South by the International Boundary line between the United States and Mexico; is traversed by numerous high ridges running mostly N. Easterly and S. Westerly; the same are covered with our abundant growth of rich and nutritious grasses, valuable for the stock raisers in the vicinity of Nogales. At intervals said ridges are cut off by small valleys with good soil, capable of

producing abundant crops  
with artificial irrigation.

There is some excellent oak  
timber throughout the Township;  
and a great deal of this timber  
is cut off for the supply of  
fire wood for the town of  
Nogales.

The only living water is found  
in sec 17. There is one settler  
in sec. 12, 13 and 16 respectively

mean var. for Beat 12° 27' E.  
Philip Contzen

U. Deputy Surveyor

U. S. Surveyor-General's Office,  
Tucson, Arizona, Aug. 4, 1900

The foregoing field notes of the survey of *The Subdivisional* .....  
*lines T. 24 S. R. 13 E.* .....  
.....  
of the G. & S. R. B. & M., Arizona, executed by

PHILIP CONTZEN, D.S.

under his Contract No. 55, dated June 23, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes and the surveys they describe, are hereby approved.

*George Christ*

U. S. Surveyor-General.

*Comm. approved Feb'y 4-1901.*

*Filed Feb'y 9-1901.*