

				R/18W		
	1033	34	35	36		
	28	27	26	25		
	21	22	23	24	19	
	16	15	14	13	18	T5N
	9	10	11	12	7	
	4	3	2	1	6	
	34	35	36	31	32	
	R/18W	R/17W				

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 Washington, D. C.

W. H. Norway,
Comm. of the U. S. Circuit Court
for Cal.

Subscribed and sworn to before me, this 11th day of
November 1879.

W. L. Hopkins.

I, W. L. Hopkins, do solemnly swear that I will well
and truly perform the duties of Axeman & Round-builder,
according to instructions given me, and to the best of
my skill and ability.

W. H. Norway,
Comm. of the U. S. Circuit Court of Cal.

Subscribed and sworn to before me, this 11th day of
November, 1879.

John C. Kimmel.

Henry R. Hinderson.

We, Henry R. Hinderson and John C. Kimmel, do
solemnly swear that we will faithfully execute the
duties of Chain Carriers; that we will level the
chain upon uneven ground, and draw the tally pins,
whether by striking or dropping the same; that we
will report the true distance to all notable objects,
and the true length of all lines; that we will assist
in measuring, to the best of our skill and ability,

PRELIMINARY OATH OF ASSISTANTS.

T. 5 N., R. 18 W., S. B. M.

From the corner to sections 18, 19, 13, 24 on East
Boundary of Township, I run West on a true line be-
tween sections 13 and 24.

Variation 14° 25' East.

Ascend.
Intersect West Boundary of Rancho Temescal 47.13
chain S. 53° 12' W. of corner to fractional sections
13 and 18. And set post, 4 inches square, 1 foot
in earth, 1 foot above earth mound, 4 feet in
diameter at base, by 2 feet in height, and dug
pits 24 x 18 x 12, 8 links distant at 4 angles,
for corner to fractional sections 13 and 24.
Set post 4 inches diameter, 1 foot in earth 1 foot
above stone mound, 4 feet in diameter at base, by
2 feet in height for 1-4 section corner on top
of Ridge, bears Northwest and Southeast and descend.
Cross Having 10 links wide, course South and ascend.
Set post 4 inches square, 1 foot in earth, 1 foot
above earth mound 4 feet in diameter at base, by
2 feet by 2 feet in height and dug pits 24 x 18 x 12,
8 links distant at 4 angles, for corner to sections
13, 14, 23, 24.

37.76

40.00

68.50

80.00

Land mountainous. Soil 2nd rate.
Timber and undergrowth of Live Oak and Chaparral.
As the line between sections 23 and 24 will inter-
sect Rancho Temescal in less than 80.00 chains, I
therefore, run it South, South between sections 23
and 24.

Variation 14° 25' East.

Descend.
Cross Having, 15 links wide, course South east and
ascend.
Intersect West Boundary Rancho Temescal 52.57 chains
S. 53° 12' W. of corner to fractional 13 and 24, and
set post 4 inches square, 1 foot in earth, 1 foot
above earth mound 4 feet in diameter, at base, by
2 feet in height and dug pits 24 x 18 x 12, 8 links
distant at 4 angles for corner to fractional sections
23 and 24. Thence continuing South through Rancho
Temescal.

24.00

31.45

75.50

80.00

Top of Ridge bears Northwest and Southeast and descend.
Set post 4 inches square, 1 foot in earth, 1 foot
above stone mound, 4 feet in diameter at base, by
2 feet in height for corner to sections 23, 24, 25, 26,
Land mountainous. Soil 1st and 2nd rate.
Timber and undergrowth of Live Oak and Chaparral.
North between sections 13 and 14.

Variation 14° 25' East.

Ascend. Summit of Ridge bears southwest and east thence along same. 21.50
 Leave same, bearing Northwest and East and descend. 23.00
 Set post 4 inches diameter 1 foot in earth, 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner. 40.00
 Cross Hayline, course Northwest and ascend. 54.50
 Set post 4 inches square, 1 foot in earth 1 foot above stone mound 4 feet in diameter at base, by 2 feet in height for corner to sections 11, 12, 13, 14. Land Mountainous. Soil 2nd rate. Timber and undergrowth of Live Oak and Chaparral. 80.00
 January 21st, 1860.
 East on a random line between sections 12 and 13. Variation 14° 25' East.
 Ascend. 40.00
 Set temporary 1-4 section corner. Summit of Ridge bears Northwest and Southeast and descend. 42.50
 Cross near head of Hayline, course North and ascend. 50.00
 Summit of Ridge bears Northwest and Southeast. 53.50
 Summit of Ridge bears Northwest and Southeast and descend. 70.50
 Interest East boundary of Township 10, links North of corner to sections 12 and 13 from which corner I run N. 89° 56' W. on a true line between sections 12 and 13. Variation 14° 25' East. 79.92
 Set post 4 inches diameter, 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner. The corner to sections 11, 12, 13, 14. Land mountainous. Soil 2nd rate. Timber and undergrowth of Live Oak and Chaparral. 39.96
 North between sections 11 and 12. Variation 14° 25' East. 79.92
 Descend. 50.00
 Cross Gulch course West and ascend. Summit of Ridge bears Northeast and Southwest and descend. 31.50
 Set post 4 inches diameter 1 foot in earth, 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner. Enter Canada, bears Northeast and Southwest. 43.50
 Enter Wash bearing east and west. 49.00
 Leave Wash and creek, bears East and West. 50.25
 Leave Canada, bears Northeast and Southwest and ascend. 51.00
 Set stone 16 x 12 x 10 in stone mound 4 feet in diameter at base by 2 feet in height for corner to sections 1, 2, 11, 12. Land, mountainous, except in Canada. 80.00

T. S. N., R. 18 W., S. H. M.

Soil, 1st and 2nd rate.
 Timber and undergrowth of Live Oak and Chaparral.
 East on a random line between sections 1 and 12.
 Variation 14° 25' East.

Descend.
 Cross creek 20 links wide, course southwest and
 ascend over point of low hill.
 Cross Ravine 10 links wide, course northwest and
 continue ascend.
 Set temporary $\frac{1}{2}$ section corner.
 Summit of Ridge, bears northwest and east, thence
 along on same.
 Intersect East boundary of Township 18 links south
 of corner to sections 1 and 12 from which corner
 I run
 S. 89° 52' W. on a true line between sections 1 and 12,
 Variation 14° 25' East.

Set post $\frac{1}{4}$ inches diameter 1 foot in earth, 1 foot
 above stone mound, $\frac{1}{4}$ feet in diameter at base, by
 2 feet in height for $\frac{1}{2}$ section corner.
 The corner to sections 1, 2, 11, 12.
 Land mountainous. Soil 2nd and 3rd rate.
 Timber and undergrowth of Live Oak, Sycamore, Willow
 and Chaparral.

North on a true line between sections 1 and 2.
 Variation 14° 25' East.

Ascend.
 Summit of Ridge, bears northeast and southwest.
 Thence along west slope of same.
 Summit of same bears northwest and southeast and
 descend.
 Set post $\frac{1}{4}$ inches diameter 1 foot in earth
 1 foot above stone mound $\frac{1}{4}$ feet in diameter at same
 by 2 feet in height for $\frac{1}{2}$ section corner in low sag
 and ascend.
 Summit of ridge bears northeast and southwest and
 descend.
 Intersect 1st Standard line north 30 links east of
 corner to township 6 north, Ranges 17 and 18 west and
 set post $\frac{1}{4}$ inches square 1 foot in earth 1 foot above
 stone mound $\frac{1}{4}$ feet in diameter at base by 2 feet in
 height for closing corner to sections 1 and 2.
 Land mountainous. Soil 2nd rate.
 Timber and undergrowth of Live Oak and Chaparral.

From the corner to sections 23, 24, 25, 26
 I run
 West on a true line between sections 23 and 26
 Variation 14° 25' East.

Through Rancho Temascal.
 Cross Ravine, 10 links wide, course south and ascend.
 Set post $\frac{1}{4}$ inches diameter 1 foot in earth, 1 foot
 above stone mound $\frac{1}{4}$ feet in diameter at base by 2
 feet in height for $\frac{1}{2}$ section corner.
 Intersect west boundary of Rancho Temascal 81.16
 chains S. 53° 12' W. of corner to fractional sections
 23 and 24, and set post $\frac{1}{4}$ inches square, 1 foot in
 earth, 1 foot above stone mound, $\frac{1}{4}$ feet in diameter

65.03

40.00
28.00

104.70

89.00

40.00

37.50

8.50

79.86

39.93

79.86

77.25

40.00

34.50

20.00

Descend. 13.00
 Cross Haine course northwest and ascend. 40.00
 Set temporary $\frac{1}{2}$ section corner. 68.50
 Summit of Ridge, bears northeast and southwest and descend. 80.10
 Intersect north and south line 16 links south of corner to sections 13, 14, 23, 24, from which corner I run

East on a random line between sections 14 and 23. Variation 14° 25' East.

Ascend. 12.50
 Summit of Ridge bears North and South West; thence along same. 24.00
 Leave same bearing south and northeast. 30.25
 Cross near head of Haine, course southwest and ascend. 40.00
 Set post $\frac{1}{4}$ inches diameter 1 foot in earth 1 foot above stone mound, $\frac{1}{4}$ feet in diameter at base by 2 feet in feet in height for $\frac{1}{4}$ section corner. 43.50
 Summit of Ridge bears northwest and southeast and descend. 80.00
 Set post $\frac{1}{4}$ inches square 1 foot in earth 1 foot above stone mound $\frac{1}{2}$ feet in diameter at base by 2 feet in height for corner to sections 14, 15, 22, 23.

Land mountainous. Soil 2nd rate. Timber and undergrowth of Live Oak and Chaparral.

North between sections 22 and 23. Variation 14° 25' East. 11.18
 Intersect West Boundary of Rancho Temescal 1869 chain S. 53° 12' W. of corner to fractional sections 23 and 26, and set post $\frac{1}{4}$ inches square, 1 foot in earth, 1 foot above stone mound, $\frac{1}{4}$ feet in diameter at base by 2 feet in height for corner to fractional sections 26 and 27.

Land mountainous. Soil 1st and 2nd rate. Timber and undergrowth of Live Oak and Chaparral. 80.00
 at base by 2 feet in height for corner to fractional sections 23 and 26.
 Set post $\frac{1}{4}$ inches square, 1 foot in earth, 1 foot above stone mound, $\frac{1}{4}$ feet in diameter at base by 2 feet in height for corner to sections 22, 23, 26, 27.

Land mountainous. Soil 1st and 2nd rate. Timber and undergrowth of Live Oak and Chaparral. 80.00
 at base by 2 feet in height for corner to fractional sections 23 and 26.
 Set post $\frac{1}{4}$ inches square, 1 foot in earth, 1 foot above stone mound, $\frac{1}{4}$ feet in diameter at base by 2 feet in height for corner to sections 22, 23, 26, 27.

Land mountainous. Soil 1st and 2nd rate. Timber and undergrowth of Live Oak and Chaparral. 80.00
 at base by 2 feet in height for corner to fractional sections 23 and 26.
 Set post $\frac{1}{4}$ inches square, 1 foot in earth, 1 foot above stone mound, $\frac{1}{4}$ feet in diameter at base by 2 feet in height for corner to sections 22, 23, 26, 27.

T. S. M., R. 18 W., S. B. M.

January 22nd, 1880.

T. S. N., R. 18 W., S. B. N.

S. 59° 53' W. on a true line between sections 14 and 23. Variation 14° 25' East.

40.05
 Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner. The corner to sections 14, 15, 22, 23.
 Land, Mountainous. Soil 2nd rate. Timber and undergrowth of Live Oak and Chaparral.
 January 23rd, 1880

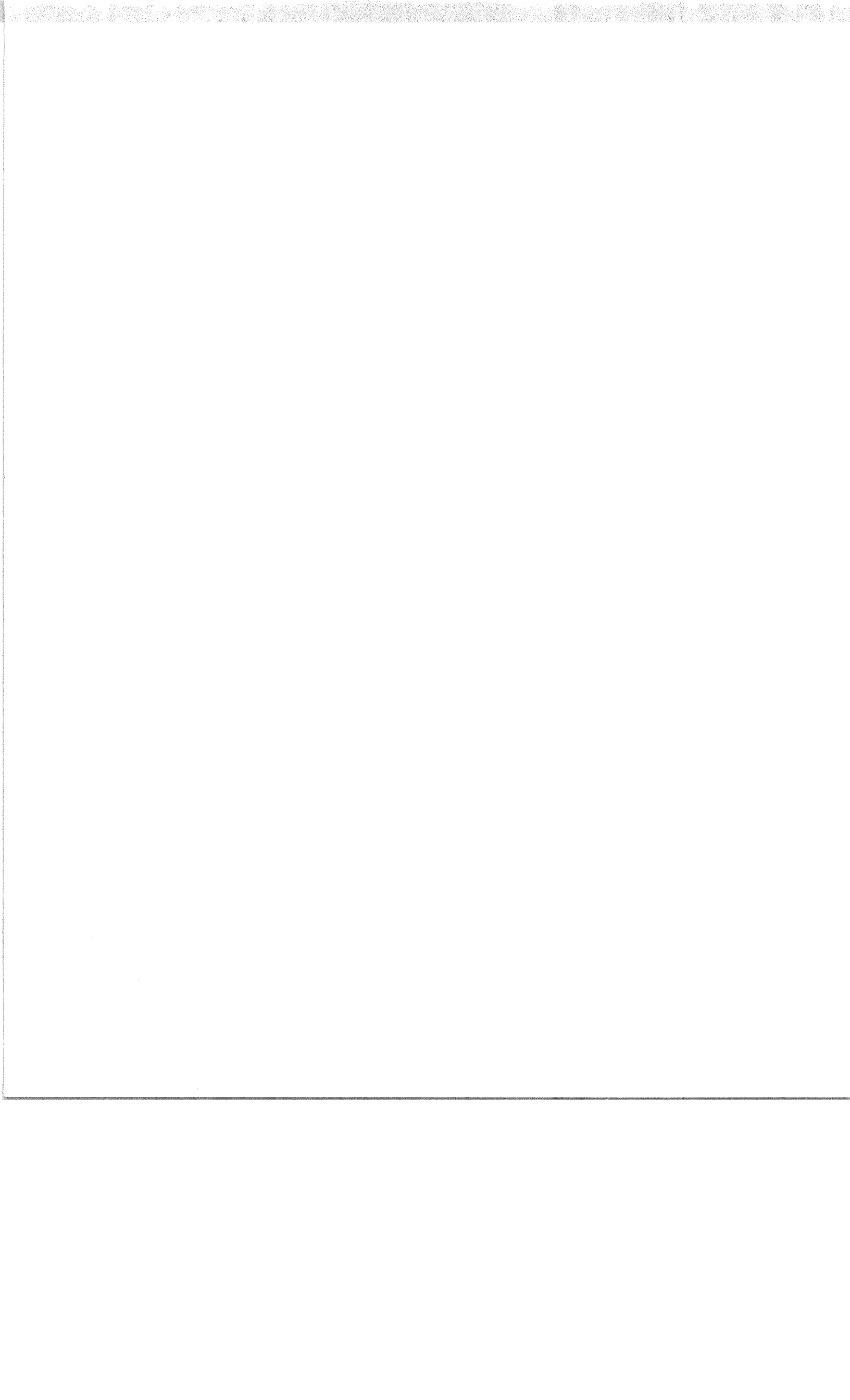
North between sections 14 and 15. Variation 14° 25' East.

5.50
 Enter Canada, bears East and West.
 8.00
 Enter Wash, bears East and West.
 8.50
 Cross Creek 15 links wide, course West.
 8.75
 Leave Wash, bears East and West.
 10.00
 Leave Canada, bears Northwest and East and ascend.
 27.50
 Summit of Ridge, bears West and Southeast and descend. Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner.
 51.00
 Cross Gulch course Southeast and ascend. Set post 4 inches square 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for corner to sections 10, 11, 14, 15.
 Land, Mountainous, except in Canada. Soil 1st and 2nd rate. Timber and undergrowth of Live Oak, Sycamore, Poplar and Willow.

East on a random line between sections 11 and 14. Variation 14° 25' East.

30.50
 Descend.
 Cross Ravine, course Southeast and ascend. Set temporary 1-4 section corner. Summit of Ridge, bears Northwest and Southeast and descend.
 48.50
 Enter Canada, bears Northeast and South. Enter Wash bears Northeast and Southeast. Leave Wash and Creek, bears Northeast and Southwest. Leave Canada, bears Northeast and southwest and ascend. Intersect North and South line at corner to sections 11, 12, 13 and 14 from which corner I run West on a true line between sections 11 and 14. Variation 14° 25' East.

40.00
 The point for 1-4 section corner falling on steep side hill, a place not suitable to build mound, I run East 8.50 chains and set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner.



1. 5 N., R. 18 W., S. B. M.

80.00 The corner to sections 10, 11, 14, 15. Land, mountainous except in Canada. Soil 1st and 2nd rate. Timber and undergrowth of Live Oak, Sycamore, Poplar, Willow and Choptail.

North between sections 10 and 11. Variation 1/4 25' East.

1.00 Descend.

9.00 Cross near head of Ravine, course East and Ascend.

11.50 Summit of Ridge, bears Northeast and southwest and descend.

19.50 Cross head of Ravine, course West and ascend.

40.00 Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner on summit ridge bearing Northeast and Southwest and descend.

50.50 Cross head of Ravine course Southwest and ascend. Summit of Ridge bears Northeast and Southwest and descend.

60.00 Summit of Ridge bears Northeast and Southwest and descend.

80.00 Set post 4 inches square 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for corner to sections 2, 3, 10, 11. Land, mountainous. Soil 2nd rate. Timber and undergrowth Live Oak and Choptail. East, on a random line between sections 2 and 11. Variation 1/4 25' East.

9.50 Summit of high Ridge bears Northeast and Southwest and descend.

40.00 Set temporary 1-4 section corner. Cross deep Ravine course South and ascend. Summit of Ridge bears Northeast and Southwest and descend. 77.50 Summit of Ridge bears Northeast and Southwest and descend. 80.20 Interest North and South line 18 links North of corner to sections 1, 2, 11, 12 from which corner 1 run N. 89° 52' W. on a true line between section 2 and 11. Variation 1/4 25' East.

40.10 Set post 4 inches diameter, 1 foot in earth, 1 foot above stone mound, 4 feet in diameter at base, by 2 feet in height for 1-4 section corner. The corner to sections 2, 3, 10, 11. Land mountainous. Soil 2nd rate. Timber and undergrowth of Live Oak and Choptail.

80.20 North on a true line between sections 2 and 3. Variation 1/4 25' East.

29.50 Summit of Ridge, bears Northwest and southeast and descend.

40.00 Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner.

104.78 corner to sections 35 and 36 and set post 4 inches

T. S. N., R. 18 W., S. B. M.

square 1 foot in earth 1 foot above stone mound
1/2 feet in diameter at base by 2 feet in height
for closing corner to sections 2 and 3.

Land mountainous. Soil 2nd rate.
Timber and undergrowth of Live Oak and Chaparral.

January 24th, 1880.

North between sections 27 and 28.
Variation 1/4 25' East.

Descend.
Cross Ravine 10 links wide course Southeast.
Intersection West boundary of Rancho Temescal 13.72
chain N. 53° 12' East of corner No. 6 of said Rancho
and set post 4 inches square 1 foot in earth 1 foot
above stone mound 1/2 feet in diameter at base, by 2
feet in height for corner to fractional sections 27
and 28, thence descending.

5.00

37.00

Continue ascent.
Set post, 4 inches diameter 1 foot above stone mound
1/2 feet in diameter at base by 2 feet in height for
1-4 section corner.

40.00

Top of Ridge bears Northwest and Southeast and descend.
Set post 4 inches square 1 foot in earth 1 foot above
stone mound 1/2 feet in diameter at base by 2 feet in
height for corner to sections 21, 22, 27, 28.

70.00

Land mountainous. Soil 2nd rate.
Timber and undergrowth of Live Oak and Chaparral.

East on a random line between Sections 22 and 27.
Variation 1/4 25' East.

Ascend.
Top of Ridge bears Northeast and Southwest and descend.
Set temporary 1-4 section corner.

9.50

Gross Creek 100 links wide course South and ascend.
Top of Ridge bears North and South and descend.
Intersect North and South line 18 links South of
Corner to sections 22, 23, 26 and 27, from which corner
I run -

41.50
76.50
80.20

S. 89° 52' W. on a true line between sections 22 and 27.
Variation 1/4 25' East.

Set post 4 inches diameter 1 foot in earth 1 foot
above stone mound 1/2 feet in diameter at base by 2
feet in height for 1-4 section corner, from which
bears a Cottonwood 24 in. dia. N. 56 1/2° W. 16 lks. dist.
The corner to sections 21, 22, 27, 28.

40.10
80.20

Land, mountainous. Soil 2nd rate.
Timber and undergrowth of Live Oak, Sycamore, Cottonwood
and Chaparral.

January 26th, 1880.

North between sections 21 and 22. Variation 14° 25' East.

Descend.
 Cross Hayne course East and ascend.
 36.00
 Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base, by 2 feet in height for 1-4 section corner.
 40.00
 Set post 4 inches square 1 foot in earth 1 foot above stone mound 4 feet in diameter at base, by 2 feet in height for corner to sections 15, 16, 21, 22.
 Land mountainous. Soil 2nd rate.
 Timber and undergrowth of Live Oak and Chaparral.
 January 27th, 1880.

East on a random line between sections 15 and 22. Variation 14° 25' East.

Descend.
 Enter Canada, bears Northwest and Southwest.
 15.00
 Cross creek, 10 links wide, course Southeast and
 18.00
 Tenoe bears southeast and northwest.
 23.00
 A horse bears south about 10 chains distant.
 30.00
 Cross road bears north and south.
 31.00
 Enter wash of Peru River, course North and South.
 34.50
 Cross water course 30 links wide, course southwest.
 36.50
 Cross water course 50 links wide course southwest.
 38.25
 Leave wash bears northwest and southeast.
 40.00
 Set temporarily 1-4 section corner.
 42.50
 Leave Canada bears Northeast and southwest and ascend.
 49.90
 Intersect North and south line 14 links north of corner, to sections 14, 15, 22, 23 from which corner I turn-
 N. 89° 54' W. on a true line between sections 15 and 22.
 Variation 14° 25' East.

39.95
 Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base, by 2 feet in height for 1-4 section corner, from which bears an
 79.90
 Eider 8 in. dia. N. 34° W. 50 lks. dist.
 The corner to sections 15, 16, 21, 22.
 Land, mountainous except in Canada.
 Soil 1st and 2nd rate.
 Timber and undergrowth of Live Oak, Sycamore, Willow, Eider and Chaparral.

North between sections 15 and 16. Variation 14° 25' East.
 Descend.
 Cross Hayne course East.
 10.50
 Cross Hayne course Southeast and ascend.
 15.00
 Summit of low ridge bears east and west and descend.
 30.00

T. S. H., R. B. W., S. B. M.

40.00	Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter, at base by 2 feet in height for 1-4 section corner.
40.25	Cross near head of Ravine, course southeast and ascend.
46.00	Summit of ridge bears northwest and southeast and descend.
72.50	Cross deep Ravine course southeast and ascend.
80.00	Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for corner to sections 9, 10, 15, 16. Land mountainous. Soil 2nd rate. Timber and undergrowth of Live Oak and Chaparral.

40.00	East on a random line between sections 10 and 15. Variation 14° 25' East.
13.50	Ascend. Summit of high Peak and Ridge, bearing northwest and southeast and descend.
24.50	Enter Canada, bears north and south.
26.00	Enter Peru Creek, course south.
27.50	Leave Peru Creek, course south.
31.00	Leave Canada bears North and south and ascend.
40.00	Set temporary 1-4 section corner.
50.00	Summit of ridge bears northwest and southeast and descend.
61.50	Cross near head of Gulch, course north and ascend.
67.00	Summit of ridge bears northeast and south and descend.
80.10	Intersect North and south line 16 links south of corner, to sections 10, 11, 14, 15, from which corner I run- S. 89° 53' W. on a true line between sections 10 and 15. Variation 14° 25' East.
40.05	The point for 1-4 section corner falling on bluffs, a place not suitable to build mound, I proceed west 9.00 chains and set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for witness to 1-4 section corner, from which bears a Live Oak 48 in. dia. N. 3/4 3/4 W. 68 lks. dist. The corner to sections 9, 10, 15, 16. Land, mountainous except in Canada. Soil 2nd and 1st rate. Timber and undergrowth of Live Oak and Chaparral.

11.00	Ascend. Cross Ridge bears Northwest and Southeast and descend. Cross small ravine course east and ascend.
37.00	Set post 4 inches diameter 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for 1-4 section corner.
40.00	Set post 4 inches square 1 foot in earth 1 foot above stone mound 4 feet in diameter at base by 2 feet in height for corner to sections 3, 4, 9, 10, from which bears a Live Oak 24 in. dia. S. 1 1/2° E. 384 lks. dist. Land, mountainous, Soil 1st and 2nd rate. Timber and undergrowth of Live Oak and Chaparral.