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	31		R. 9 W.			36	
	6	²³ 5	¹⁸ 4	¹⁵ 3	¹¹ 2	⁸ 1	²
	₂₂	₂₂	₁₈	₁₅	₁₁	₈	
	7	²² 8	¹⁸ 9	¹⁴ 10	¹¹ 11	⁸ 12	²
	₂₂	₂₁	₁₇	₁₃	₁₀	₈	
	18	²¹ 17	¹⁷ 16	¹³ 15	¹⁰ 14	⁷ 13	²
	₂₁	₂₁	₁₇	₁₄	₁₀	₇	
	19	²⁰ 20	¹⁶ 21	¹² 22	¹⁰ 23	⁷ 24	²
	₂₀	₂₀	₁₆	₁₂	₉	₆	
	30	¹⁹ 29	¹⁶ 28	¹² 27	⁹ 26	⁶ 25	¹
₅	₁₉	₁₉	₁₅	₁₂	₉	₆	
₅	31	¹⁸ 32	¹⁵ 33	¹² 34	⁹ 35	⁶ 36	¹
	₄	₄	₄	₃	₃	₃	
1	6	5	4	3	2	1	16
₄							
12	7	8	9	10	11	12	17
₅							
13	18	17	16	15	14	13	18

T. 5 N.

ON WEST BOUNDARY OF T 4 N., R. 8 W. & 5 N. 9.

Var. 14°5' E.

From cor. of Townships 4 & 5 N. Rs. 8 & 9 W.

14.50 South on West boundary of Sec. 6.
20.00 Into dry bed of Arroyo 15 links wide.
40.00 Leave same, course N.
Drive Qr. Sec. post and charred stake from which
bears a Cedar 5 in. diam. S. 50 W. dist. 41 links.
a Cedar 6 in. diam. N. 13 E. dist. 86 links.
80.00 Set sec. post and charred stake in mound with trench
and pits as per instructions cor. of Secs. 1, 6, 7 & 12.
Land sloping North. Soil third rate.

40.00 South on West boundary of Sec. 7.
Set Qr. Sec. post and charred stake in mound with
trench and pits as per instructions.
80.00 Set sec. posts and charred stake in mound with trench
and pits as per instructions. Cor. of Secs. 7, 12, 13 & 18,
near the East side of a Canada, about 15 chs. wide,
course N. Third rate soil.

7.00 South on West boundary of Sec. 18.
14.00 To top of Conical mound of about 15 chs. base.
17.00 To N. base of same, and to base of the mountain.
To pitch pine (Pinian) 30 in. diam. on N. face of a
Granite Ledge and N. face of the Sierra Madre Mountain,
beyond which it is impracticable to measure.

On west boundary T. 5 N. R. 8 W.

Var. 14°5' E.

From cor. of Townships 4 & 5, Rs. 8 & 9 W.

25.00 North on West boundary of Sec. 31.
25.50 Across dry bed of arroyo 50 lks. wide, course Northwardly
27.50 Across wagonroad for the "Cajon de las Uvas" and Tijan.
36.00 Into arroyo again.
40.00 Leave same 1 chain wide, course N.E.
Drive Qr. Sec. post and charred stake from which a Spanish
Bayonet 11 in. diam. bears S. 57½° W. dist. 415 lks. a
Spanish Bayonet 11 in. diam. bears N. 63° E. dist. 62 links
67.50 Enter dry arroyo 30 lks. wide.
71.00 Leave same, course N.E.
80.00 Set sec. post and charred stake in mound with trench
and pits as per instructions cor. of Secs. 25, 30, 31 & 36.
Uniform slope to the North. Soil third rate.

North on West boundary of Sec. 30.

10.00 Across dry arroyo 50 lks. wide, course N.E.
40.00 Set qr. sec. post and charred stake in mound with
trench and pits as per instructions.
45.00 Across dry bed of arroyo 13 lks. wide banks 3 feet high
course N.E.
80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions, cor. Secs. 19, 24, 25 & 30.
Same as last mile.

T. 5 N., R. 8 W.

North on West boundary of Sec. 19

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
48.50 Across dry arroyo 50 lks. wide, course N.E.
55.00 Across dry arroyo 15 lks. wide, course N.W.
56.00 Across same again, course N.E.
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions cor. of Secs. 13, 18, 19 & 24. First 15 chs., course pebbles and remainder same as last mile.

North on West boundary of Sec. 18.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Secs. 7, 12, 13 & 18. Undulating and sloping to the North. Soil third rate, a light colored sand mould.

North on west boundary of Sec. 7.

37.50 Across dry arroyo 15 lks. wide, course N.W.
40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
61.00 Across Indian trail to W.
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Secs. 1, 6, 7 & 12. Same as last mile.

North on West boundary of Sec. 6.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
80.00 Intersect First Standard North, 35.60 chs. East of the 45th Mile S.C. as established by Col. R. Norris and set C.C. Township post and charred stake in mound with trench and pits as per instructions. cor. of Townships No. 5 N. Rs. 8 & 9 W. from which highest peak of mountains on the S. (a) S. 22° E. next peak (b) South. Next peak (c) S. 16½° W. Next peak (d) S. 21½° W. Next peak (e) S. 30½° W. Low peak on the W. terminus of ridge S. 52° W. Peaks A & B making the line of a very high range E. of the Canon of the Rio del Llano on the North. There is another lower range parallel with it. The peaks (d) (c) & (e) with (f) make the line of the range on the West of the Rio del Llano, also having a spur making out some 3 miles on the N.W. from the Canon of said river.

On South boundary of T. 5 N., R. 9 W.

Var. 14° 5' E.

From cor. of Townships 4 & 5, Rs. 8 & 9 W.
West on south boundary of Sec. 36.
6.00 Across dry bed of an arroyo 150 lks. wide, course N.
13.50 Across another dry bed of an arroyo 15 lks. wide, course N.
40.00 Drive qr. sec. post and dig trench as per instruction from which bears a Cedar 5 in. diam. N. 67° E. dist. 125 lks.

T. 5 N. R. 9 W.

51.00 East bank of Ravine.
54.00 To centre of same and across dry arroyo 12 lks. wide to N.
56.00 Across dry arroyo 1 chain wide to N.
66.00 Across dry arroyo 1 chain wide and 15 feet deep, course N.
79.00 To E. bank of a ravine.
80.00 Set sec. post and charred stake in mound of rock and earth with trench and pits on W. face of ravine, course N.

Broken land on N. base of a range E. & W. of high foot hills of the mountain. dist from 1/4 to 3/4 of a mile. Soil third rate and rocky.

West on South boundary of Sec. 35.
2.00 Across same ravine.
4.50 To centre of another ravine, course N.
6.00 To west bluff of same.
29.50 To E. bank of ravine.
30.00 Cross dry arroyo 20 lks. wide in same course N.
31.00 To top of W. bank.
40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
45.00 To E. bank of dry arroyo.
46.00 Across same, course North.
47.00 To top of West bank of same.
62.00 Across dry arroyo, 15 lks. wide, course N.
77.00 Across dry arroyo, 12 lks. wide, course N.
79.00 To W. bank of arroyo.
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Secs. 34, 35, 2 & 3 on W. side of dry arroyo, course N. from which a Cedar 8 in. diam. bears N. 65 W. dist. 54 lks. Same as last mile.

West on South boundary of Sec. 34.
6.50 Across dry bed of arroyo 15 lks. wide, course N.
16.00 Across another dry bed of arroyo 50 lks. wide, course N. Banks 4 feet high.
40.00 Drive qr. sec. post and charred stake from which a Spanish Bayonet 8 in. diam. bears S. 19° W. 147 lks. A Cedar 5 in. diam. N. 52° W. dist. 130 lks.
60.50 Across dry arroyo 12 lks. wide, course N. banks 3 feet high
80.00 Set sec. post and charred stakes in mound with trench and pits as per instructions. cor. of Secs. 33, 34, 3 & 4. Same as last mile, save that it is less broken and for last half mile no Cedar.

West on South boundary of Sec. 33.
32.40 To East bank of a Canada, course N.W. from this point a point on the East side of the pass of the Canada through the foot hills of the mountain bears S. 38° E. Pass distant about one mile.
33.50 Into Canada.
40.00 Set qr. sec. post and charred stake in a mound of rock and earth 5 ft. base, from which bears the point (a bush) on E. side of pass of the Canada before taken S. 42° E.

T. 5 N. R. 9 W.

41.50 Across dry bed of an arroyo 1 chain wide, course N.W.
 44.00 Across Canada and to top of West bank of same.
 80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. Cor. of Secs. 32, 33, 4 & 5. Undulating land, sloping North. Soil of first half mile third rate, of last half mile second rate.

40.00 West on South boundary of Sec. 32.
 Drive qr. sec. post and charred stake from which bears a Cedar 7 in. diam. S. $53\frac{1}{2}^{\circ}$ E. dist. 108 links. A Spanish Bayonet 10 in. diam. N. 60° E. dist. 177 links. A small bush on top of conical hill in N. face of range of foot hills, having a base of about 20 chs. and dist. about 40 chs. S. $31\frac{1}{2}^{\circ}$ E.
 78.50 To E. bluff of the river of the plain. (Rio del Llano).
 80.00 Drive sec. post and charred stake and dig trench as per instructions. cor. of Secs. 31, 32, 5 & 6, at head of ravine making a river bottom from which bears a Cedar 6 in. diam. S. 29° E. dist. 69 links. A cedar 5 in. diam. S. 76° W. dist. 83 links. Undulating land, sloping North. Soil second rate.

July 5th.

West on South boundary of Sec. 31.
 2.00 Top of bank.
 3.00 To E. bank of ravine.
 7.00 Into same, course N.W.
 8.00 To top of N.W. Slope of spur.
 10.00 Into ravine. 10 lks. wide, course North.
 12.50 To top of N.W. end of ridge.
 16.00 To bottom land of river.
 21.50 Across bottom and Rio del Llano (skirted with Alder) 16 lks. wide, 8 in. deep and rapid, course N.
 40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
 80.00 Set township post and charred stake in mound with trench and pits as per instructions cor. of Townships 4 & 5, N. Rs. 9 & 10 W.
 On East slope of high hill. Broken land. Soil generally third rate.

On West boundary of T. 4 N. R. 9 W. Var. $14^{\circ}8'$ E.
 From corner of Townships 4 & 5 N. Rs. 9 & 10 W.
 South on West boundary of Sec. 6.
 12.00 To top of Ridge, course E. & W.
 37.00 To top of another ridge, course S.E. & N.W. on S. face of high hill.
 40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
 52.50 Across ravine taking Easterly towards the river and across trail leading to swamp about a mile west and south, being about a mile long from E. to W. and 20 or ~~30~~ from N. to S. and across wagon trail, course N.W. So

T. 4 N. R. 9 W.

- 57.50 To E. slope of spur (near E. point)
63.50 To S. base of high hill and across dry bed of Arroyo, 50
lks. wide, course E. The outlet of the swamp aforementioned
during the rainy season.
80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions, cor. of Secs. 1, 6, 7 & 12. Hilly
soil, second and third rate.
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South on West boundary of Sec. 7.

- 1.00 To N. base of mountain spur to the N.W.
3.50 Across gully 50 lks. wide, course N.W.
40.00 Set qr. sec. post and charred stake in mound with trench and
pits as per instructions on N. face of Spur from which bears
a bush on point of hill at the East head and near the S.
side of a valley some 2 miles long and one wide traversed by
the river from S.E. to N.W. S. 69° E. and a high lobe on
ridge of hills (course E. & W.) on the south side of valley.
N. 80½° E.
69.00 Across gully 5 lks. wide, course N.W.
80.00 Set sec. post and charred stake in mound with shallow trench
and pits for nearness of ledge to surface on N.E. slope of
spur cor. of Secs. 7, 12, 13 & 18, from which bears the bush
on point of hill before taken, S. 79° E. and lobe on Ridge of
hills, south of valley, N. 69° E. and finding it insuperably
rough and mountainous on the south we return to cor. of town-
ships 4 & 5 N. Rs. 9 & 10 W.
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On West boundary of T. 5 N. R. 9 W.

Var. 14°08' E.

North on West boundary of Sec. 31.

- 15.00 To top of ridge sloping E. with indications of a vein of
copper ore.
40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions (deposits only 8 in for rock.)
80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions. cor. of Secs. 25, 30, 31 & 36, on
N. base of range of high hills from E. to W.
Hilly, soil third rate. Timber, scattering Cedar.
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North on West boundary of Sec. 30.

- 33.00 To bank, course N.W.
40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
51.00 Across dry bed of Arroyo 20 lks. wide, course N.W.
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SUBDIVISION LINES OF TOWNSHIP 5 N. R. 9 W.
SAN BERNARDINO MERIDIAN.

Having determined the proper adjustment of my compass for the
subdivisions of this Township in the recent survey of its

SUBDIVISION LINES OF TOWNSHIP 5 N. R. 9 W. S. B. M.

exterior lines, I commence at the corner of Sections 35, 36, 1 & 2, on the south boundary and run.

North on true line between Sections 35 & 36.
Var. 14° 8' E.

30.50 Cross wagon road, course W.
40.00 Drove qr. sec. post and charred stake from which bears
A Spanish Bayonet 8 in. diam. S. 54° E. dist. 53 links.
A Spanish Bayonet 10 in. diam. N. 64° E. dist. 168 links.
80.00 Drove sec. post and charred stake and dig trench as per
instructions. cor. of Secs. 25, 26, 35 & 36, from which
A Spanish Bayonet 10 in. diam. bears S. 59° E. dist. 194 lks.
A Spanish Bayonet 10 in. diam. bears S. 3° E. dist. 121 lks.
Timber scattering Cedar. Land sloping North. Soil second rate.

East on random between Sections 25 & 36.
Var. 14° 8' E.

14.50 Across dry arroyo 20 lks. wide, course N.
37.00 Across dry arroyo 15 lks. wide, course N.
40.00 Set temporary qr. sec. post.
58.00 Across dry arroyo 12 lks. wide, course N.
77.50 Across dry arroyo 30 lks. wide, course N.
79.70 Intersect East boundary 24 lks. N. of cor. to Secs. 25 & 36,
from which I run--

West on a true line between Sections 25 & 36.
Var. 13° 58' E.

39.85 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
79.70 To cor. of Secs. 25, 26, 35 & 36. Land undulating. Soil
second rate, vegetation principally chinese and bunch grass.

North between Sections 25 & 26.
Var. 14° 8' E.

26.00 Across dry arroyo 20 lks. wide, course N.W.
40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions. cor. of Secs. 23, 24, 25 & 26.
Land gently rolling and sloping to the North.
Soil second rate.

East on random between Sections 24 & 25.
Var. 14° 8' E.

21.25 Across dry arroyo 20 lks. wide, course N.
34.00 Across dry arroyo 30 lks. wide, course N.W.
40.00 Set temporary qr. sec. post.
63.50 Across dry arroyo 40 lks. wide, course North.
75.00 Across dry arroyo 30 lks. wide, course North.

T. 5 N. R. 9 W.

79.72 Intersected East boundary 8 lks. South of cor. of Secs. 24 & 25, from which I run--

West on true line between Sections 24 & 25,
Var. 14°11' E.

39.86 Drove qr. sec. post and charred stake and dig trench as per instructions, from which a Spanish Bayonet 6 in. diam. bears N. 80° W. dist. 170 chs.

79.72 To cor. of Secs. 23, 24, 25 & 26. Land gently undulating and sloping to the North. Soil second rate.

North between Sections 23 & 24.
Var. 14°8' E.

16.50 Across gulley 10 lks. wide, course N.E.

30.00 To West bluff of Ravine.

31.50 Into ravine and dry arroyo 20 lks. wide, course North descent 40 feet.

35.00 Leave arroyo, course N.W.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions on W. face of ravine ascent 30 feet.

47.00 To top of E. bank of ravine.

55.00 Into Valley.

80.00 Set sec. post and charred stake in mound with trench and pits as per instructions cor. of Secs. 13, 14, 23 & 24. Land broken. Soil second rate.

East in random between Sections 13 & 24.
Var. 14°08' E.

16.00 Across dry arroyo 20 lks. wide, course N.

40.00 Set temporary qr. sec. post.

60.00 Across dry arroyo 20 lks. wide, course N.

62.50 Across dry arroyo 20 lks. wide, course N.

75.00 Across dry arroyo 30 lks. wide, course N.

79.75 Intersect East boundary 50 lks. south of corner of Sections 13 and 24, from which corner I run--

West on a true line between Sections 13 & 24.
Var. 14°30' E.

39.87½ Set qr. sec. post and charred stake in mound with trench and pits as per instructions.

79.75 To cor. of Secs. 13, 14, 23 & 24. Land undulating and sloping to the North. Soil second rate.

North between Sections 13 & 14.
Var. 14°8' E.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.

T. 5 N. R. 9 W.

50.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Sections 11, 12, 13 & 14. Land level. Soil second rate.

East on random between Sections 12 & 13.
Var. 14°8' E.

40.00 Set temporary qr. sec. post.
50.02 Intersect East boundary 74 lks. South of corner of Secs. 12 & 13, from which corner I run--

West on a true line between Sections 12 & 13.
Var. 14°40' E.

40.01 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
50.02 To cor. of Secs. 11, 12, 13 & 14. Land level. Soil alternating with first and second rate.

October 31st.

North between Sections 11 & 12.
Var. 14°8' E.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
50.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Secs. 1, 2, 11 & 12. Land level. Soil generally first rate.

East on random between Secs. 1 & 12.
Var. 14°8' E.

40.00 Set temporary qr. sec. post.
75.00 Across dry arroyo 25 lks. wide, course North.
50.05 Intersected East boundary 113 lks. South of cor. of Secs. 1 & 12 from which I run--

West on true line between Sections 1 & 12.
Var. 14°56' E.

40.02½ Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
50.05 To cor. of Secs. 1, 2, 11 & 12. Land level. Soil second rate sandy loam.

North between Sections 1 & 2.
Var. 14°08' E.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
86.46 Intersected the First Standard North 3.53 chs. West of the qr. sec. corner on the South boundary of Sec. 36. Set sec. post and charred stake in mound with trench and pits as per instructions at point of intersection C.O. of Secs. 1 & 2

T. 5 N. R. 9 W.

The stake in this instance being only $2\frac{1}{2}$ inches square.
Land level. Soil second rate and sandy, covered with
excellent bunch grass.

North between Sections 34 & 35.

Var. $14^{\circ}8'$ E.

9.00 Leave dry arroyo 30 lks. wide, course N.W.
32.00 Cross wagonroad, course West.
40.00 Drove qr. sec. post and charred stake from which a
Spanish Bayonet 8 in. diam. bears N. 77° W. dist. 94 lks.
A Spanish Bayonet 10 in. diam. bears N. $55\frac{1}{2}^{\circ}$ E. dist. 70 lks.
50.00 Set sec. post and charred stake in mound with trench and
pits as per instructions. cor. of Secs. 26, 27, 34 & 35.
Land sloping to the North. Soil mostly second rate.

East on random between Secs. 26 & 35.

Var. $14^{\circ}8'$ E.

40.00 Set temporary qr. sec. post.
47.00 Across dry arroyo 25 lks. wide course N.
50.23 Intersected N. & S. line 50 lks. N. of cor. of Secs. 25,
26, 35 & 36 from which cor. I run--

West on true line between Secs. 26 & 35.

Var. $13^{\circ}47'$ E.

40.11 $\frac{1}{2}$ Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
50.23 To corner of Sections 26, 27, 34 & 35.

Land sloping to the N.W. Soil for the most part second
rate.

North between Sections 26 & 27.

Var. $14^{\circ}8'$ E.

39.00 Across a dry arroyo 25 lks. wide, course N.W.
40.00 Drove qr. sec. post and charred stake and dug trench as
per instructions from which a Spanish Bayonet 10 in. diam.
bears N. 50° E. dist. 139 lks.
50.00 Set sec. post and charred stake in mound with trench and
pits as per instructions cor. of Sec. 22, 23, 26 & 27.
Land sloping to N.W. Soil second rate.

East on a random line between Secs. 23 & 26.

Var. $14^{\circ}8'$ E.

40.00 Set temporary qr. sec. post.
50.02 Intersected N. & S. line 40 lks. north of Secs. 23, 24,
25 & 26, from which corner I run.

West on a true line between Sections 23 & 26.

Var. $13^{\circ}51'$ E.

T. 5 N. R. 9 W.

- 40.01 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
80.02 To corner of Secs. 22, 23, 26 & 27. Land gradually sloping West. Soil first rate for most part.

November 1st.

North between Sections 22 & 23.

Var. 14° 8' E.

- 40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
65.00 Local attraction diminishes the variation 1° at this point.
72.50 Across dry arroyo, 1 chain wide, course N.W.
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Secs. 14, 15, 22 & 23. First half mile level land. Soil second rate, last half mile a broken bench of low tableland. Soil red and pebbly.

East on random between Secs. 14 & 23.

Var. 14° 8' E.

- 21.00 To top of bluff of table land at which the variation is diminished by local attraction nearly a degree.
30.00 The variation is diminished by local attraction nearly two degrees.
40.00 Set temporary qr. sec. post.
45.00 To base of bluff of table land, ranging nearly N.W. & S.E.
70.00 Across dry arroyo or wash, one chain wide, course N.
79.95 Intersected N. & S. line 52 lks. North of cor. of Secs. 13, 14, 23 & 24, from which I run--

West on a true line between Sections 14 & 23.

Var. 13° 46' E.

- 39.97½ Drove qr. sec. post and charred stake from which bears a Spanish Bayonet 8 in. diam. N. 15½° W. dist. 100 links. A Spanish Bayonet 10 in. diam. S. 17½° E. dist. 255 links.
79.95 To cor. of Secs. 14, 15, 22 & 23. Soil second rate and auriferous. Land broken.

North between Sections 14 & 15.

Var. 14° 8' E.

- 33.50 To bluff of broken table land.
40.00 Set qr. sec. post and charred stake in mound at base of table land with trench and pits as per instructions.
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Secs. 10, 11, 14 & 15. First half mile broken land, last half mile gently undulating. Soil second rate.

East on random between Sections 11 & 14.

Var. 14° 8' E.

T. 5 N. R. 9 W.

- 40.00 Set temporary qr. sec. post.
79.57 Intersected N. & S. line 38 lks. North of cor. of
Secs. 11, 12, 13 & 14, from which I run--
West on true line between Sections 11 & 14.
Var. 13°52' E.
- 39.78½ Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
- 79.57 To cor. of Secs. 10, 11, 14 & 15. Land gently undulating.
Soil second rate.
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- North between Sections 10 & 11.
Var. 14°8' E.
- 36.50 Across dry arroyo 25 lks. wide, course N.W.
40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
- 80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions cor. of Secs. 2, 3, 10 & 11.
Land level. Soil second rate sand loam with good pasture
of bunch and pin grass.
East on a random line between Sections 2 & 11.
Var. 14°8' E.
- 40.00 Set temporary qr. sec. post.
79.48 Intersected N. & S. line 67 lks. N. of corner of Sections
1, 2, 11 & 12.--from which corner I run
West on true line between Sections 2 & 11.
Var. 13°39' E.
- 39.74 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
- 79.48 To cor. of Secs. 2, 3, 10 & 11. Land level. Soil second
rate. Sand loam.
North between Sections 2 & 3.
Var. 14°8' E.
- 40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
- 86.54 Intersected first Standard North 197 lks. West of the half
mile cor. on the 50th Mile and set sec. post (2½ in. square)
and charred stake in mound with trench and pits as per
instructions. C.C. of secs. 2 & 3 at point of intersection.
Soil & c. same as last mile.
-
- North between Sections 33 & 34.
Var. 14°8' E.
- 34.00 Across road, course West.
40.00 Drove qr. sec. post and charred stake and dug trench as per
instructions, from which bears a Spanish Bayonet 8 in. diam.
N. 15° E. dist. 70 lks.,

T. 5 N. R. 9 W.

50.00 Drove sec. post and charred stake and dug trench and pits as per instructions, cor. of Secs. 27, 28, 33 & 34, from which a Spanish Bayonet 11 in. diam. bears N. 13° E. dist. 53 lks. A Spanish Bayonet 12 in. diam. bears S. 29 W. dist. ___ lks. Land sloping to the north. Soil second rate but stony.

East on random between Secs. 27 & 34.
Var. 14° 5' E.

40.00 Set temporary qr. sec. post.
80.11 Intersected N. & S. line 72 lks. North of corner of Sections 26, 27, 34 & 35, from which corner I run--

West on a true line between Sections 27 & 34.
Var. 13° 37' E.

40.05½ Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
80.11 To cor. of Secs. 27, 28, 33 & 34. Land gently sloping to North and West. Soil second rate.

North between Sections 27 & 28.
Var. 14° 5' E.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions cor. of Secs. 21, 22, 27 & 28. Land gently sloping to the North and West. Soil generally second rate.

East on random line between Sections 22 & 27.
Var. 14° 5' E.

10.50 Across ravine, 1 chain wide, course North.
40.00 Set temporary qr. sec. post.
72.00 Across dry arroyo 1 chain wide, course North.
80.29 Intersected N. & S. line 3 lks. South of the corner of Sections 22, 23, 26 & 27, from which corner I run.

West on a true line between Sections 22 & 27.
Var. 14° 7' E.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
80.29 To corner of Secs. 21, 22, 27 & 28. Land undulating and sloping North. Soil second rate. Reddish and pebbles.

North between Sections 21 & 22.
Var. 14° 08' E.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Secs. 15, 16, 21, 22. Land level. Soil second rate generally.

T. 5 N. R. 9 W.

At 13 chs. the variation seemed diminished $4\frac{1}{2}^{\circ}$.
At 25 chs. 3° and at 35 chains 1° .

Land stony.

East on random line between Sections 15 & 22.
Var. $14^{\circ}8' E$.

16.00 Across ravine, 1 chain wide, course N.
28.00 Across ravine, 1 chain wide and 10 feet deep, course N.
34.50 Across another ravine 2 chs. from bank to bank and dry
arroyo 15 lks. wide, course N.W.
40.00 Set temporary qr. sec. post.
54.00 Across ravine 1 chain wide, course North.
66.00 Across dry arroyo 12 lks. wide, course North.
74.50 Across dry arroyo 15 lks. wide, course N.W.
80.40 Intersected N. & S. line 88 lks. N. of corner of Sections
14, 15, 22 & 23, from which I run--

West on true line between Sections 15 & 22.
Var. $13^{\circ}30' E$.

40.20 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.40 To cor. of Secs. 15, 16, 21 & 22. Land broken and stony.
Soil apparently auriferous.

North between Sections 15 & 16.
Var. $14^{\circ}8' E$.

40.00 Set qr. sec. post and charred stake in mound, with trench
and pits as per instructions.
65.00 Enter valley.
80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions, cor. of Secs. 9, 10, 15 & 16.
Broken land. Soil second rate. At 15 chs. the variations
seemed diminished 3° and at 25 chs. $5\frac{1}{2}^{\circ}$ --

East on random line between Sections 10 & 15.
Var. $14^{\circ}8' E$.

40.00 Set temporary qr. sec. post.
80.74 Intersected N. & S. line 50 lks. North of corner,
from which corner I run--

West on a true line between Sections 10 & 15.
Var. $13^{\circ}47' E$.

40.37 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.74 To cor. of Secs. 9, 10, 15 & 16. Land undulating. Soil
second rate. Sand loam. At 45 chs. on random line the
variation seemed augmented by attractions 5° and at 65 chs. 1° .

North between Sections 9 & 10.
Var. $14^{\circ}8' E$.

T. 5 N. R. 9 W.

16.00 Across ravine, 1 chain wide, course N.
28.00 Across ravine, 1 chain wide, and 10 feet deep, course N.
32.50 Across another ravine 2 chs. from bank to bank and dry
arroyo 15 lks. wide, course N.W.
40.00 Set temporary qr. sec. post.
54.00 Across ravine 1 chain wide, course North.
66.00 Across dry arroyo 12 lks. wide, course North.
74.50 Across dry arroyo 15 lks. wide, course N.W.
80.40 Intersected N. & S. line 88 lks. N. of corner of Sections
14 & 15, 22 & 23, from which I run--

West on true line between Sections 15 & 22.
Var. 13°30' E.

40.20 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.40 To cor. of Secs. 15, 16, 21 & 22. Land broken and stony.
Soil apparently auriferous.

North between Sections 15 & 16.
Var. 14°5' E.

40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
65.00 Inter valley.
80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions, cor. of Secs. 9, 10, 15 & 16.
Broken land, soil second rate. At 15 chs. the variation
seemed diminished 3° and at 25 chs. 5½°.

East on random line between Sections 10 & 15.
Var. 14°8' E.

40.00 Set temporary qr. sec. post.
80.74 Intersected N. & S. line 50 lks. north of corner, from
which corner I run--
West on a true line between Sections 10 & 15.
Var. 13°47' E.

40.37 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.74 To cor. of Secs. 9, 10, 15 & 16. Land undulating. Soil
second rate sand loam. At 45 chs. on random line the vari-
ation seemed augmented by attraction 5° and at 65 chs. 1°.

North between Sections 9 & 10.
Var. 14°8' E.

40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.

T. 5 N. R. 9 W.

80.00 Set sec. post and charred stake in mound with trench and pits as per instructions cor. of Secs. 3, 4, 9 & 10. Land level. Soil second rate sandy loam, last half mile good pasturage of Sonava bunch grass. At 15 chs. the variation seemed diminished by attractions 5°. At 30 chs. 4° and at 50 chs. 2°.

November 3rd.

East on random line between Sections 3 & 10.

Var. 14° 8' E.

40.00 Set temporary qr. sec. post.

80.88 Intersected North & South line 55 lks. N. of corner of Secs. 2, 3, 10 & 11, from which I run--

West on true line between Sections 3 & 10.

Var. 13° 44' E.

40.44 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.

80.88 To cor. of Secs. 3, 4, 9 & 10. Level land. Soil second rate loam.

North between Sections 3 & 4.

Var. 14° 8' E.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.

86.30 Intersected the first Standard North 200 lks. West of the half mile corner of the 51st mile West and set sec. post and charred stake in mound. C.C. with trench and pits as per instructions at the point of intersection cor. of Secs. 3 & 4.

November 5th, 1855.

Ramon Mendibil takes the place of Charles Greamer, as Axeman and Moundman, the said Greamer being occupied in the place of the hunter, who is at this time unwell.

North between Sections 32 & 33.

Var. 14° 8' E.

28.50 Across dry arroyo 30 lks. wide, course N.W.

33.50 Across wagon road, course West.

40.00 Set qr. sec. post and charred stake from which a Spanish Bayonet 8 in. diam. bears N. 5° W. dist. 47 links. Another Spanish Bayonet 8 in. diam. S. 76° W. dist. 84 links.

80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of secs. 28, 29, 32 & 33. Land sloping to the North. Soil second rate.

East on random between Sections 26 & 33.

Var. 14° 8' E.

T. 5 N. R. 9 W.

- 40.00 Set temporary qr. sec. post in centre of dry arroyo 20 lks. wide, course North.
- 79.58 Intersected N. & S. line 35 lks. N. of cor. of Secs. 27, 28, 33 & 34, from which corner I run.
- West on a true line between Sections 28 & 33.
Var. 13°52' E.
- 39.79 Drove qr. sec. post and charred stake from which a Spanish Bayonet 13 in. diam. bears N. 11° W. dist. 117 links. Another Spanish Bayonet 10 in. diam. bears S. 39½° W. dist. 235 links.
- 79.58 To cor. of Secs. 28, 29, 32 & 33. Land sloping to the North. Soil second rate.

North between Sections 28 & 29.
Var. 14°8' E.

- 40.00 Drove qr. sec. post and charred stake from which A Spanish Bayonet 11 in. diam. bears N. 8° W. dist. 33 links. Another Spanish Bayonet 12 in. diam. bears S. 20° E. dist. 164 links.
- 80.00 Set sec. post and charred stake in mound with trench and pits as per instructions. cor. of Secs. 20, 21, 28 & 29. Land sloping to the N. & W. Soil second rate.

East on a random line between Sections 21 & 28.
Var. 14°8' E.

- 40.00 Set temporary qr. sec. post in dry arroyo 20 lks. wide course N.
- 79.43 Intersected N. & S. line 54 lks. N. of cor. of Secs. 21, 22, 27 & 28, from which corner I run.
- West on a true line between Sections 21 & 28.
Var. 13°45' E.
- 39.71½ Drove qr. sec. post and charred stake from which a Spanish Bayonet 6 in. diam. bears S. 79° E. dist. 122 links. Another Spanish Bayonet 7 in. diam. N. 34° E. dist. 217 links.
- 79.43 To corner of Sections 20, 21, 28 & 29. First half mile pebbly. Sand undulating and sloping to the N.W. Soil second rate.

North between Sections 20 & 21.
Var. 14°8' E.

- 40.00 Drove qr. sec. post and charred stake from which bears a Spanish Bayonet 8 in. diam. N. 87½° W. dist. 32 links.

T. 5 N. R. 9 W.

A Spanish Bayonet S. 37° E. 5 in. diam. dist. 71 lks.

57.67
80.00

A Spanish Bayonet 12 in. diam. on line.
Drove sec. post and charred stake and dug trench and pits
as per instructions cor. of Secs. 16, 17, 20 & 21, from
which a Spanish Bayonet 12 in. diam. bears S. 87½° W. dist. 117 lks.
Another Spanish Bayonet 11 in. diam. bears N. 33½° E. dist. 142 lks.
Land undulating and inclined to the N. & W.
Soil second rate.

East on a random line between Sections 16 & 21.
Var. 14° 5' E.

40.00

Set temporary qr. sec. post in a dry arroyo, course North.
20 links wide.

75.00
79.59

Across dry arroyo 20 lks. wide, course N.
Intersected N. & S. line 8 lks. North of corner of Secs. 15,
16, 21 & 22, from which corner I run--

West on a true line between Sections 16 & 21.
Var. 14° 5' E.

39.79½

Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.

79.59

To cor. of Secs. 16, 17, 20 & 21. Land undulating and sloping
gently to the North and West. First 50 chs. pebbly.
Soil generally second rate.

North between Sections 16 & 17.
Var. 14° 5' E.

40.00

Drove qr. sec. post and charred stake and dug trench as per
instructions from which bears a Spanish Bayonet 10 in. diam.
S. 83° E. dist. 156 lks.

80.00

Set sec. post and charred stake in mound with trench and
pits as per instructions cor. of Secs. 8, 9, 16 & 17. Level
land. Soil second rate sand loam.

East on a random line between Sec. 9 & 15.
Var. 14° 5' E.

40.00

Set temporary qr. sec. post.

44.50

Across dry arroyo or gully 10 lks. wide, course N.

75.00

Across dry arroyo 1 chain wide, course North.

79.39

Intersected N. & S. line 52 lks. N. of cor. of Secs. 9,
10, 15 & 16, from which corner I run--

West on a true line between Sections 9 & 15.
Var. 13° 46' E.

39.69½

Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.

79.39

To cor. of Secs. 8, 9, 16 & 17. First half mile undulating.
Last level land. Soil second rate.

T. 5 N. R. 9 W.

North between Section 8 & 9. Var. 14° 8' E.

40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions, cor. of Secs. 4, 5, 8 & 9. Land
level and sandy but good pasture of bunch grass.

November 7th.

East on Random line between Sections 4 & 9.
Var. 14° 8' E.

40.00 Set temporary qr. sec. post.
79.42 Intersected N. & S. line 77 lks. N. of cor. of secs.
3, 4, 9 & 10, from which corner I run --

West on a true line between Sections 4 & 9.
Var. 13° 35' E.

39.71 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
79.42 To cor. of Secs. 4, 5, 8 & 9. Land level. Soil second
and third rate. Sandy.

North between Sections 4 & 5.
Var. 14° 8' E.

40.00 Drove qr. sec. post and charred stake and dug trench as
per instructions from which bears a Spanish Bayonet 7 in.
diam. N. 77° W. dist. 160 links.
85.43 Intersected the First Standard N. 105 lks. West of the
half mile corner of the 52nd Mile on South Boundary of
sec. 33 and set sec. post and charred stake in mound at
point of intersection with trench and pits as per in-
structions cor. of secs. 4 & 5. Land level. Soil sandy.

North between Sections 31 & 32.
Var. 14° 8' E.

1.00 Top of bank of ravine.
38.50 To top of bank of the bottom land of the River of the plain.
39.00 To base of same and across a Wagon road, course N.W.
40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
43.50 Across dry bed of an arroyo 1 chain wide, course N.E.
54.00 To dry and rocky ancient bed of the Rio del Glano.
75.00 Across same.
80.00 Set sec. post and charred stake in mound with trench and pits
as per instructions cor. of Secs. 29, 30, 31 & 32. First
half mile inclined plain or base of high range of hills, on
the South sloping to the N. & W. Soil second rate, last half
mile rocky.

T. 5 N. R. 9 W.

East on Random line between Sections 29 & 32.

4.00 To ancient and rocky bed of the Rio del Llano.
10.00 Across same. Var. $14^{\circ}5'$ E.
25.50 To bank of bottom land.
29.00 To top of same.
40.00 Set temporary qr. sec. post.
80.80 Intersected N. & S. line 9 lks. N. of cor. of Secs. 28, 29,
32 & 33, from which cor. I run --

West on a true line between Sections 29 & 32.

40.40 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions. Var. $14^{\circ}04'$ E.
80.80 To cor. of secs. 29, 30, 31 & 32. First half mile sloping
to the N. & W. Soil second rate, last mostly level and
rocky.

West on a Random between Sections 30 & 31.

20.00 To winter bed of Rio del Llano.
26.00 Across same and rocky, course N.E.
37.50 Across rapid stream of water, same is 9. in. deep, 15 lks.
wide, course N.W.
40.00 Set temporary qr. sec. post.
60.00 Leave bottom land for the inclined plain to N. & E. of the
base of high hills on the South.
78.85 Intersected West boundary 175 lks. South of cor. of Sections
25, 30, 31 & 36, from which I run

East on true line between Sections 30 & 31.

38.85 Drove qr. sec. post and charred stake from which a Cedar
5 in. diam. bears S. $33\frac{1}{2}^{\circ}$ E. dist. 43 lks. Another Cedar
5 in. diam. N. 29° E. dist. 67 lks.
78.85 To cor. of Secs. 29, 30, 31 & 32. Mostly in the rocky bot-
tom land, unfit for cultivation. Var. $12^{\circ}53'$ E.

North between Sections 29 & 30.

40.00 Drove qr. sec. post and charred stake from which a Spanish
Bayonet 7 in. diam. bears N. 1° W. dist. 164 links. Another
80.00 Spanish Bayonet 7 in. diam. bears N. 57° E. dist. 151 links.
Drove sec. post and charred stake from which bears a Spanish
Bayonet 10 in. diam. N. 47° W. dist. 107 links. Another Bay-
onet 10 in. diam. S. 15° W. dist. 215 lks. Another Spanish
Bayonet 6 in. diam. S. $30\frac{1}{2}^{\circ}$ E. dist. ___ lks. A Spanish bay-
onet 5 in. diam. N. $41\frac{1}{2}^{\circ}$ E. dist. 72 lks. cor. of sec. 19, 20,
29 & 30.
Soil third rate, consisting mostly of rocky flats

East on a Random between Sections 20 & 29.

Var. $14^{\circ}8'$ E.

T. 5 N. R. 9 W.

- 19.50 Across dry and rocky bed of stream one chain wide, course N.E.
 29.00 Across another dry and rocky bed of stream 5 chs. wide, course N.E.
- 40.00 Set temporary qr. sec. post.
 43.00 To top of bank some 5 feet high, course N.E.
 80.93 Intersected the N. & S. line at post, cor. of secs. 20, 21, 28 & 29, from which I run --
- West on true line between Sections 20 & 29.
 Var. 14°08' E.
- 40.46½ Set qr. sec. post and charred stake in mound with trench and pits as per instructions.
 80.93 To cor. of secs. 19, 20, 29 & 30. First half mile suitable land sloping to the N. & W. Soil second rate, but inclined to be sandy. Last half mile rocky and pebbly flats.
-
- West on Random line between Sections 19 & 30.
 Var. 14°8' E.
- 20.00 Across rocky and dry bed of Arroyo 5 chs. wide, course N.E.
 40.00 Set temporary qr. sec. post.
 62.50 Across Rio del Llano, same size as formerly, course North.
 78.42 Intersect W. boundary 150 lks. S. of cor. to Secs. 19, 24, 25 & 30, from which I run --
- East on a true line between Section 19 & 30.
 Var. 13°3' E.
- 38.42 Set qr. sec. post and charred stake from which bears a Cedar 4 in. diam. S. 37½° E. dist. 65 lks.
 78.42 A Cedar 5 in. diam. N. 23½° W. dist. 88 lks.
 To corner of Secs. 19, 20, 29 & 30. Land mostly rocky and unfit for cultivation. Near the centre of the S.W. qr. of Section 30, there is a circular hill of an oval shape and of various colors, owing to the intensity of heat to which the rock has some day been expose. Diameter of base of hill about 20 chs. its height some 80 feet.
-
- North between Sections 19 & 20.
 Var. 14°5' E.
- 40.00 Set qr. sec. post and charred stake in a rock mound of five feet base.
- 80.00 Set sec. post and charred stake in a rock mound of 5 feet base, cor. of Secs. 17, 18, 19 & 20. Land sloping gently to North. Soil third rate, a reddish earth with pebbles and in places small rock.
-
- East on Random between Sections 17 & 20.
 Var. 14°5' E.
- 18.00 To dry bed of rocky river.
 30.00 Across same course North.
 40.00 Set temporary qr. sec. post.

T. 5 N. R. 9 W.

- 49.00 Across another dry bed of River Channel 6 chs. wide,
course North.
60.00 Leave river bottom.
80.89 Intersect N. & S. line, 20 lks. N. of cor. of secs. 16,
17, 20 & 21, from which I run
West on a true line between Sections 17 & 20.
Var. 14°17' E.
- 40.44½ Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.89 To cor. of secs. 17, 18, 19 & 20. Soil of first quarter
mile second rate, last ¾ third rate. Land mostly level.
West on Random between Sec. 18 & 19.
Var. 14°8' E.
- 36.00 Across dry bed of rocky arroyo 5 chs. wide to N.
40.00 Set temporary qr. sec. post.
50.00 Leave rocky portion of Rio bottom.
78.12 Intersect W. boundary 169 lks. S. of cor. of Secs. 13, 18,
19 & 24, from which I run --
East on a true line between Sections 18 & 19.
Var. 12°56' E.
- 38.12 Set ¼ sec. post & charred stake in md. of rock at 4 ft. base.
78.12 To cor. of Secs. 17, 18, 19 & 20. Land mostly level.
Soil third rate and rocky.
North between Sections 17 & 18.
Var. 14°8' E.
- 40.00 Set qr. sec. post and charred stake in mound with trench and
pits as per instructions.
80.00 Set sec. post and charred stake in Rock mound of 5 feet base
and 30 in. high, cor. of Secs. 7, 8, 17 & 18. Land gently
sloping North. Soil third rate, pebbly and rocky.
-
- East on Random between Sections 8 & 17.
Var. 14°8' E.
- 35.00 Across old bed of River now rocky and dry 9 chs. wide,
course North.
40.00 Set temporary qr. sec. post.
54.00 Across dry and rocky bed of Arroyo 4 chs. wide, course N.
68.00 Across dry and rocky bed of Arroyo 3 chs. wide, course N.W.
80.93 Intersect N. & S. line 30 lks. N. of Cor. of Secs. 8, 9, 16
& 17, from which corner I run
West on a true line between Sections 8 & 17.
Var. 13°54' E.
- 40.46½ Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.93 To cor. of secs. 7, 8, 17 & 18. Undulating land. Soil
third rate and rocky.

Friday November 9th.

T. 5 N. R. 9 W.

West on Random between Sections 7 & 18.

Var. 14°5' E.

13.00 Across dry and rocky bed of arroyo, 5 chs. wide, course N.
33.50 Across another dry bed of arroyo, 3½ chs. wide, course N.
40.00 Set temporary qr. sec. post.
47.00 Across dry bed of arroyo 5 chs. wide, course N.
77.40 Intersect W. boundary 183 lks. S. of cor. of Secs. 7, 12,
13 & 18, from which cor. I run --

East on a true line between Sections 7 & 18.

Var. 12°50' E.

37.40 Set qr. sec. post and charred stake in rock mound of 4 feet
base and 30 in. high.
77.40 To cor. of Secs. 7, 8, 17 & 18. Same as last mile.

North between Sections 7 & 8.

Var. 14°08' E.

40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
80.00 Set sec. post and charred stake in mound with trench and
pits as per instructions, cor. of secs. 5, 6, 7 & 8.
Land level. Soil third rate and sandy.

East on random between Sections 5 & 8.

Var. 14°8' E.

17.00 Across dry arroyo bed, some 10 chs. wide, course North.
29.50 Across another dry arroyo bed, 2 chs. wide, course North.
33.50 Across another dry arroyo bed, 2½ chs. wide, course North.
40.00 Set temporary qr. sec. post.
48.00 Across dry bed of arroyo 1 chain wide, course N.
69.50 Across dry arroyo 50 lks. wide, course N.
81.00 Intersect N. & S. line 65 lks. N. of cor. of secs. 4, 5,
8 & 9, from which I run --

West on a true line between Sections 5 & 8.

Var. 13°40' E.

40.50 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
81.00 To cor. of secs. 5, 6, 7 & 8. Land level. Soil third rate.
The arroyo in Section 5 skirted with cottonwood.

West on Random between Section 6 & 7.

Var. 14°8' E.

40.00 Set temporary qr. sec. post.
77.26 Intersect W. boundary 164 lks. S. of cor. of secs. 1, 6, 7 & 12,
from which I run --

East on a true line between Sections 6 & 7.

Var. 12°58' E.

T. 5 N. R. 9 W.

37.26 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
77.26 To cor. of Secs. 5, 6, 7 & 8. Level land. Soil second and
third rate.

North between Sections 5 & 6.

Var. 14° 8' E.

40.00 Set qr. sec. post and charred stake in mound with trench
and pits as per instructions.
69.00 To dry sandy bed of an arroyo skirted with cottonwood.
82.00 Across same, course N.W.
85.22 Intersect 1st Standard North 162 lks. W. of the half Mile
cor. of the 53d Mile on S.P. as established by Col. R.
Morris, and set C. C. sec. post and charred stake in mound
at point of intersections with trench and pits as per in-
structions, cor. of Sections 5 & 6. Level land.
Soil mostly third rate.

November 14th.

P. S. The South boundaries of Sections 19, 20, & 25, as
also the West boundaries of Secs. 25 & 34, were run on off-
set of township lines.

GENERAL DESCRIPTION

The Eastern portion of this Township is well adapted to cul-
tivation. Sections 9, 10, 11, 15 & 16, together with parts
of others may be irrigated from the Rio del Llano, with lit-
tle expense. The two Westerly tier are entirely too rocky
for cultivation unless it be that of the vine. There are
scattering Palmettoes or Spanish Bayonet throughout the Town-
ship, with underbrush of Chimisal and Chimise. The Pasture of
about 1/3 of it being mostly on the W. is poor.

A list of the names of the individuals employed to assist in
running, measuring or marking the lines and corners described,
in the foregoing field notes of Township 5 N., of the base of
Range No. 9 W. of the San Bernardino Meridian, showing the
respective capacities in which they acted.

William Malock	Chairman
Jacob Bell	Chairman
John Warren	Axeman & Moundman
Charles Greener	Axeman & Moundman
Frank Lecouvreur	Flagman
Ramon Mendibil	Flagman

We hereby certify that we assisted Henry Hancock, Deputy Sur-
veyor, in subdividing Township No. Five, North of the base
line of Range No. Nine, West of the San Bernardino Meridian
and that the said Township has, in all respects, to the best

T. 5 N. R. 9 W.

of our knowledge and belief, been well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General.

William Malook	Chainman
Jacob Bell	Chainman
John Warren	Arman & Moundman
Charles Creamer	Arman & Moundman
Frank Lecouvreur	Flagman
Ramon Mendibil	Flagman

Subscribed and sworn to by the above named persons before us a Justice of the Peace for Los Angeles County this 19th day of January, A. D. 1856.

Alex Gibson
Justice of the Peace.

STATE OF CALIFORNIA.

I, Henry Hancock, Deputy Surveyor, do solemnly swear, that in pursuance of a contract with John C. Hays, Surveyor of the public lands of the United States in the State of California, bearing date the 14th day of February 1855, and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully surveyed and subdivided Township 5 North, of the Base Line of Range 9 West of the San Bernardino Meridian, in the State aforesaid, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Henry Hancock
Deputy Surveyor.

Subscribed by said Henry Hancock, Deputy Surveyor, and sworn to before me a Justice of the Peace of Los Angeles County this 19th day of January A. D. 1856.

Alex Gibson,
Justice of the Peace.

STATE OF CALIFORNIA.