



TOWNSHIP 5 SOUTH, RANGE 8 WEST.

Whether the same be posts or mounds of either earth or stone, together with such other services as we shall be called to perform by said Deputy in the discharge of his Surveying duties to the best of our skill and ability, so help us God.

(SIGNED)

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T.GEO.HEWLETT.  
MORTON COLLINS.  
ALEXANDER MITCHELL.

SWORN AND SUBSCRIBED before me on this 21st day of July, A.D. 1855.

(SIGNED)

HENRY HANCOCK,  
Dep. Surveyor.

I, ANNARIO CHARVIS, having been appointed Flagman in the service of HENRY HANCOCK, Deputy Surveyor in California, do solemnly swear that in all surveys of public lands or private land claims in which I shall be so employed that I will faithfully act as such, and that I will otherwise faithfully act as required by said deputy from time to time in planting the corner boundaries whether the same be posts or mounds of either earth or stone together with such other services as I shall be called to perform by said Deputy in the discharge of his Surveying duties to the best of my skill and ability, so help me God.

(SIGNED)

ANNARIO CHARVIS.

SUBSCRIBED AND SWORN to before me on this 23rd day of July, 1855.

(SIGNED)

HENRY HANCOCK,  
Dep. Surveyor.

TOWNSHIP 5 SOUTH, RANGE 8 WEST.

FIELD NOTES of the survey of Township lines in the diagonal tract of Country lying south of the first standard South, San Bernardino Meridian, and extending from the line separating Ranges 6 and 7 West, to the Pacific Ocean, in the State of California, by Henry Hancock, Deputy, Surveyor, under his contract bearing date 15th February, A.D.1855.

CHS LKS

TOWNSHIP LINES COMMENCED JULY 21ST, 1855.  
WEST BOUNDARY OF TOWNSHIP 5 SOUTH, RANGE  
8 WEST.

Variation 13°15' East.

SOUTH

From the 48th mile S.C. on the 1st Standard Parallel West of the Meridian and South of the San Bernardino Base line and also the first Tp. corner on the said S. P. West of the Santa Anna Mountains, which corner was established by myself under my Contract with S.D. King, Ex.U.S. Surveyor General for Cal. and the post of which I found nearly buried in the trench -- the mound having been so far destroyed by cattle as to have changed the dirt of the mound with the continuous line of earth once thrown out of the trench, the pits remaining the most distinctive marks of the monuments.

ON WEST BOUNDARY OF SECTION 6.

2.50	To top of W. slope of W. point of ridge,	a 40
4.00	Cross gully, 8 lks. wide, course W. between the points or termini of 2 ridges to W.	d 20
9.00	To top of W. slope of N. point of ridge	a 50
10.00	Cross gully 8 lks. wide, course W.	d 60
16.50	To top of E. slope of high hill on the W.	a 120
29.50	Across gully, 8 lks. wide, course E.	
35.00	Leave E. face of hill	d 30
40.00	Set $\frac{1}{4}$ Sec. post and charred stake in mound with trench and pits as per instructions, near S.E. base of hill.	
47.00	A gully 12 lks wide, course S.E. and across same.	
49.50	To same gully again and across it, course S.W.	
51.00	To N. bluff of same gully.	
52.00	To N. base of same and across it, 30 lks. wide.	
	Course S.E.	d 30
52.50	To top of bluff, abrupt.	a 20
56.50	To same gully and across dry arroyo of same, course S.W.	d 40
59.50	To S. bluff of same and commencement of small valley, course and slope to S.W.	a 30
73.00	Leave Valley and begin to ascend the W. point of Hill on the East.	
75.00	To W. slope of point.	a 60
80.00	Set Sec. post and charred stake in mound with trench and pits as per instructions, cor. of Secs. $\frac{16}{127}$	

Mountainous and 3rd rate soil, for the first 20 chains or more, a deep gully with some little water for stock, course S. is only from 5 to 8 chs. W. of the line.  
Peak of Mountain bears S. 75 $\frac{1}{2}$  E.

SOUTH

ON WEST BOUNDARY OF SECTION 7.

5.00	To South base of the W. point of a hill,	d 15
8.50	To N. base of E. point of another hill on the W.	
14.00	To top of N.E. slope of point of same.	a 30
40.00	Set $\frac{1}{4}$ Sec. post and charred stake in mound with trench and pits as per instructions.	d 40
45.00	A gully 60 lks. wide, course S.W. and across same, in depth 12 ft.	

TOWNSHIP 5 SOUTH, RANGE 8 WEST,  
S. B. MERIDIAN.

59.50 To N. base of the S.W. point of hill.  
 62.50 To top of S.W. slope of point of same  
 64.00 To South base and enter Valley.  
 80.00 Set Sec. post and charred stake in mound with trench and pits as  
 per instructions, cor. of Secs.  $\frac{12}{13}$   $\frac{7}{18}$   
 Hilly and sloping to South.  
 Soil 2nd rate.

a 6

SOUTH ON WEST BOUNDARY OF SECTION 18.  
 8.80 A gully, course S.W.  
 8.00 Into same and across a dry arroyo 5 lks. wide, course S.W.  
 9.25 To S. bluff of gully, and across arroyo again, co. S.W.  
 10.67 To an Elder 3 inch dia. on line,  
 17.08 To a gully, 10 lks. wide, course S.W. and across same.  
 31.50 To N. base of the W. point of ridge.  
 36.00 To top of S.W. slope of same.  
 36.50 Enter cacti on prickly pear, patch some 2 chs. long.  
 39.50 Leave same.  
 40.00 Drive  $\frac{1}{4}$  Sec. post and charred stake from which bears an Elder  
 3 in. dia. N.  $37\frac{1}{2}$  E. dist. 122 lks.  
 Bears an Elder 5 in. dia. N.  $65^{\circ}$  W. dist. 67 lks.  
 And a tree on S. point of a grove of timber S.  $87\frac{1}{2}$  W.  
 56.00 To gully 6 ft. deep and 15 lks. with Crs. S.W.  
 80.00 Set Sec. post and charred stake in mound with trench and pits as  
 per instructions, cor. of Secs.  $\frac{13}{21}$   $\frac{18}{19}$ , from which bears the tree  
 before taken, N.  $85^{\circ}$  W. and another on the E. of same grove  
 of timber, bears N.  $76^{\circ}$  W.  
 A rock on top of conical point of spur of high hills believed to  
 be the corner of the Rancho San Joaquin belonging to Don Jose  
 Sepulveda and continuing 11 square leagues S.  $53^{\circ}$  W. and a white  
 spot on high portion of the mountain, called San Santiago, N.  $88^{\circ}$   
 E.  
 Mostly an inclined plain sloping to the South with base of Moun-  
 tain on East from 40 to 80 chs. dist.  
 Soil 2nd rate.

SOUTH ON WEST BOUNDARY OF SECTION 19.  
 39.00 To whitish wash with patches of prickly pear of from 1 to 4 square  
 rods,  
 Course S.W.  
 40.00 Set  $\frac{1}{4}$  Sec. post and charred stake in a mound with trench and pits  
 as per instructions, from which a mound on the West side of a Swamp  
 bears S.  $71\frac{1}{2}$  W.  
 43.50 To N. side near center of a patch of prickly pear, some 2 chs. wide.  
 48.50 Leave the whitish wash.  
 80.00 Set Sec. post and charred stake in mound with trench and pits as  
 per instructions cor. of Secs. 19, 24, 25, and 30, from which the  
 rock on point of spur to S.W. and supposed corner of the Rancho on  
 the N.E. before taken bears N.  $- 81^{\circ}$  W.  
 Do Do the high lobe of the San Santiago Mountain before taken  
 N.  $61\frac{1}{2}$  E.  
 Land level, and 2nd rate soil.

TOWNSHIP 5 SOUTH, RANGE 8 WEST,  
OF S.B. MERIDIAN.

- SOUTH 10.50 ON WEST BOUNDARY OF SECTION 30,  
40.00 A trail and across same, course S.E.  
Set  $\frac{1}{4}$  Sec. post and charred stake in mound with trench and pits as per instructions,  
from this corner at a distance of some 15 chains in a N.E. course is a tree on the S.W. point of a belt of timber some 5 chs. wide, extending something like a mile and a half in a N.E. direction to the base of the mountain.
- 80.00 Set Sec. post and charred stake in mound with trench and pits as per instructions, cor. of Sections 25, 30, 31 and 36, from which bears a white spur on the San Santiago Mountain before taken N.  $59\frac{1}{2}^{\circ}$  E. and the northern one of the two highest Lobes of the Santa Anna Mt. N.  $83\frac{1}{2}^{\circ}$  E. and the E. point of a belt of timber.  
Tree before taken, N.  $44^{\circ}$  W.  
Level land, all leading S.W.  
Soil Black and 2d rate.
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- SOUTH 40.00 ON WEST BOUNDARY OF SECTION 31,  
Set  $\frac{1}{4}$  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 with trench and pits as per ins.  
Corner of Tps. 5 & 6 S., Rs. 8 & 9 W.  
Level land, soil same as last mile.  
July 21st, 1855.
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- SOUTH BOUNDARY.
- EAST ON TRUE LINE, since the Santa Anna or San Juan Mountain has hitherto prevented the running of the range line between Ranges 7 & 8, Variation  $13^{\circ}15'$  East.
- EAST 39.54 ON SOUTH BOUNDARY OF SECTION 31,  
Set  $\frac{1}{4}$  Sec. post and charred stake in mound with trench and pits as per instructions having deducted 46 lks. the amount of the calculated convergency for one Tp. from which bears a Tree on the E. face of hill on the W. side of a small valley at base of the foot hills of the Mountain N.  $3\frac{1}{4}^{\circ}$  W.  
Do Do a tree on E. face of hill and W. side of another, N.  $17^{\circ}$  W.
- 79.50 Set Sec. post and charred stake in mound with trench and pits as per instructions, cor. of Secs.  $\frac{31}{6} \frac{32}{5}$   
First half mile level land, and 1st rate soil.  
Last do, 2nd rate and undulating.
- - - - -
- EAST 39.75 ON SOUTH BOUNDARY OF SECTION 32.  
To patch of prickly pear extending South some 50 lks. and North about 2 chains.
- 40.00 Drive  $\frac{1}{4}$  sec. post and charred stake in patch of prickly pear from which an Elder 6 ins. dia. bears S.  $59\frac{1}{2}^{\circ}$  E. dist 224 lks.  
Do Do 7 ins. dia. North  $89\frac{1}{2}^{\circ}$  E. dist 88 lks.
- 41.35 Leave prickly pear patch.
- 44.60 Enter another pear patch, extending some 4 chs. N. and 2 chs. S.
- 48.00 Leave same.
- 50.50 Enter another similar patch with scattering elder.
- 51.60 An Elder 6 in. dia. on line.
- 54.70 To N. point of another do do some 3 chs in diameter.

TOWNSHIP 5 SOUTH, RANGE 8 WEST, SAN B. MERIDIAN.

77.00 To S. point of another pear patch some 50 lks.dia.  
 80.00 Set Sec.post and charred stake in mound with trench and pits as  
 per instructions, corner of Sections 32, 33, 5 and 4,  
 from which the tree before taken bears N.24 $\frac{1}{2}$ ° W.  
 Do Do N.20° W.  
 Undulating land 2nd rate soil - a dark sandy mould.

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EAST ON SOUTH BOUNDARY OF SECTION 33,  
 40.00 Set  $\frac{1}{4}$  Sec.post and charred stake in mound with trench and pits as  
 per instructions.  
 52.00 Enter *chimise* of wormwood.  
 57.50 To base of foothills of the mountain.  
 75.00 To top of hill ranging S.W. a 120  
 80.00 Set Sec.post and charred stake in mound on S.E. face of hill  
 with trench and pits as per instructions, cor of Secs.33,34,4  
 and 3. d 60  
 For the most part the mountains on the N.of this last mile  
 appear to be  $\frac{1}{4}$  miles dist. for the last 20 chs. on South,  
 there is a belt of prickly pear and scattering Elder about 10  
 chains wide, course S.W. commencing in the bottom of the Valley  
 of an arroyo in the hills and extending Southwesterly into the  
 big Valley, nearly a mile,  
 Soil 2nd rate.

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EAST ON SOUTH BOUNDARY OF SECTION 34,  
 11.00 A gully 8 lks.wide and across the same course N.between Hills d 80  
 17.50 A gully on W.face of hill 12 lks.wide, course S.W. a 25  
 25.00 Top of Hill, ranging N. & S. a 150  
 37.00 A Gully 15 lks.wide, and across same, course South, between Hills d 60  
 40.00 Set  $\frac{1}{4}$  Sec.post and charred stake in mound with trench and pits  
 as per instructions.  
 45.00 To top of S.slope of hill. a 60  
 64.50 A dry arroyo in canada, 50 lks.and across same at W.side of  
 Canada and to base of mountain, spur course S.W.  
 69.00 Across canada, to base of mountain spur.  
 76.50 Top of very high spur terminating about 30 chs. South on a  
 Canada from the N. E. a 200  
 80.00 Set Sec. post and charred stake in mound, on E. face of spur  
 with trench and pits as per instructions, corner of Secs. 34, 35,  
 3 & 2,  
 Mountainous, soil 2nd rate, Vegetation mostly *chimise*  
 of wormwood and sage with a few patches of grass.

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EAST ON SOUTH BOUNDARY OF SECTION 35,  
 18.50 To center of hollow of grass, some 6 chs. wide, course S. d 80  
 28.50 To top of S.slope of low ridge, course S.W. a 30  
 33.00 A gully 10 lks.wide and across same, course South and enter  
 a small valley, course S.W, having its head at the base of the  
 mountain some 40 chs. North.  
 40.00 Set  $\frac{1}{4}$  sec.post and charred stakes in mound with trench and pits  
 as per instructions.  
 45.00 Leave Valley.  
 67.00 To the E. point of low spur and bluff bank, course S. a 70  
 71.00 To base of bank and into ravine to S. 6 lks.wide.  
 75.00 To top of S.slope of spur, course S. a 100  
 76.50 To E.base of same, d 50  
 80.00 Set sec.post and charred stake in mound with trench and pits  
 as per instructions, cor of Secs. 35,36,2 & 1.

TOWNSHIP 5 SOUTH, RANGE 8 WEST, S.B.M.

South base of the mountain.  
Soil 2d rate.

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EAST	ON SOUTH BOUNDARY OF SECTION 36,	
5.00	To top of S.W.slope of Cor.point of spur,	a 40
8.00	A gulley, 8 lks.wide, and across the same, course S.W.	d 40
<del>20.00</del>	To S. slope of point of spur,	a 60.
30.50	A gulley 30 lks.wide, across the same, course S.W.	d 40
37.50	To top of high spur, course S.W. terminating on a canada leading S.W. to the big valley, some 14 chs. dist.	
40.00	Set $\frac{1}{4}$ Sec. post and charred stake in ravine, 10 lks. wide on the E. face of spur in a mound with trench and pits as per instructions	
42.00	Ridge between Ravines,	d 60
46.00	A gulch 6 lks.wide, and across same on east face of spur, course S.E.	a 50
47.50	Into deep ravine 12 lks.wide, course S.W.	d 60
51.00	S.slope of spur to S.W.	d 60
54.50	Into deep ravine 12 lks.wide, course S.	a 100
60.00	To top of spur to South,	d 130
70.00	Into Ravine 1 ch.wide, course S.W.	a 70
73.50	To top of S.slope of ridge,	d 200
76.00	Into ravine 20 lks.wide, course S.E.	a 100
77.50	To point of spur,	d 100
79.00	Into canada	a 70
80.00	Drive Township post and charred stake and dig trench as per instructions. Cor. of Tps. 5 & 6, South, Ranges 7 & 8 West, in Canada, with sycamores, Course S.W. for some $2\frac{1}{2}$ miles through the hills towards the Valley on the South, from which cor. bears a Sycamore 28 in. dia. S. $44\frac{1}{2}$ E. dist 40 lks. Do Do a Live Oak 24 in. dia. S. $77^{\circ}$ W. 265 lks. dist. An Elder 5 in. dia. N. $32\frac{1}{2}$ W. Mountainous and poor pasture.	d 60

July 23rd, 1855.

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TOWNSHIP 5 SOUTH, RANGE 7 WEST, OF SAN BERNARDINO MERIDIAN, WEST BOUNDARY.

Variation  $13^{\circ} 20'$  E.

NORTH	ON WEST BOUNDARY OF SECTION 31,
3.00	To S.E. base of Spur.
6.15	To N.E. face of an abrupt bluff of Canon and finding it impracticable to measure further into the Mountain in the direction of the line, I return to the Tp. corner.

SOUTH BOUNDARY.

Variation  $13^{\circ} 20'$  E.

EAST	ON TRUE SOUTHERN BOUNDARY, since it is impossible to run the range line between Ranges 6 and 7, on the South side of the Santa Anna or San Juan Mountain,	
	ON SOUTH BOUNDARY OF SECTION 31,	
0.60	Into dry arroyo, course S.W.	
1.50	Leave same and commence to ascend the N. face of a Ravine, leading S.W.	
7.00	A gulley, 8 lks.wide, course N.W.	a 60
16.00	A gulley, 6 lks.wide, course N.	a 100
19.50	To top of Lobe,	a 90

TOWNSHIP 5 SOUTH, RANGE 7 WEST, OF SAN  
BERNARDINO MERIDIAN.

33.00	To W.base of point of spur from the N.	d 50
34.50	To S.slope of same,	a 30
37.50	To a dry arroyo, 15 lks.wide on the E.side of a small valley about 4 chs.wide, course S.W.and begin to ascend a high peak of Ridge,	d 40
39.54	Drive $\frac{1}{4}$ Sec.post and charred stake, allowing the calculated convergency for One Township 46 lks on the S.W.slope of a high conical peak and some 50 lks.from the same with a trench of the usual size of 5 feet square and pits on all but the south side, which is omitted on account of the steepness of the slope on that side.	
41.25	To the S.E.slope or spur of cone across the steep S.face.	
44.00	A gulch 8 lks.wide on E.face of cone, course N.E.	d 90
49.00	A Ravine 10 lks.wide, course S.E.	d 90
53.00	To another ravine 15 lks.wide, course S.	
55.00	A gulley 8 lks.wide, course S.W.	a 15
58.00	To top of S.slope of another lobe	a 60
69.00	To W.bluff of gulley,	
70.50	To a Gulley 8 lks.wide, course S.and across it,	d 80
72.50	To E.bluff of same, sloping to the S.	a 80
79.54	Drive Sec.post and charred stake, allowing 46 lks.for convergency, and dig trench as per instructions, corner of Secs. 5,6,31 and 32, from which bears a Live Oak in ravine 30 in.dia. S.26 $\frac{1}{4}$ $^{\circ}$ E.dist.373 lks. Do Do another N.89 $\frac{1}{2}$ $^{\circ}$ E.24 inch dia. dist.195 lks. South face of mountain. Soil mostly 2nd rate, affording good pasturage.	

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EAST	ON SOUTH BOUNDARY OF SECTION 32,	
2.00	A gulley 8 lks.wide, course S.	
5.00	Top of S.slope of S.point of spur,	a 100
17.50	A Ravine skirted with Oaks and sycamores, and across dry arroyo of same, 30 lks.wide, course S.W.	d 80
20.00	Begin to ascend high spur.	
40.00	Set $\frac{1}{4}$ Sec.post and charred stake in mound	

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