

Copied from Photographic Copies  
furnished by  
U. S. General Land Office

Washington, D. C.

R. 14 W.

36	31	32	33	34	35	36	31
1	6	43 5	31 4	3	2	1	6
12	<sup>42</sup> 7	<sup>42</sup> 8	<sup>30</sup> 9	<sup>23</sup> 10	<sup>17</sup> 11	12	7
13	<sup>40</sup> 18	<sup>29</sup> 17	<sup>22</sup> 16	<sup>16</sup> 15	<sup>10</sup> 14	13	18
24	<sup>35</sup> 19	<sup>27</sup> 20	<sup>21</sup> 21	<sup>14</sup> 22	<sup>9</sup> 23	24	19
25	<sup>33</sup> 30	<sup>26</sup> 34 29	<sup>19</sup> 28	<sup>13</sup> 27	<sup>9</sup> 26	32 5	30
36	<sup>33</sup> 31	<sup>26</sup> 32	<sup>18</sup> 33	<sup>11</sup> 34	<sup>7</sup> 35	<sup>7</sup> 36	31
	1	2	3	4	5	5	
1	6	5	4	3	2	1	6

T. 6 N.

T. 6 N.

R. 14 W.

Chains

Resurvey of the First Standard Parallel North, Through Range 14 West, S. B. M.

By inspection of the First Standard line North through range 14 West, I have ascertained that many of the corners on said line are missing. In order to begin the survey to be made in T. 6 N., R. 14 W., I must re-establish the missing corners in this line.

June 29; at 9 h, A. M., l.m.t., I set off  $34^{\circ} 34'$  on the lat. arc;  $23^{\circ} 16'$  on the decl. arc; and determine a true meridian with the solar at the Standard cor. of T. 6 N., Rs. 13 and 14 W.

Thence I run

West on a random line on the 1st. Standard line North through Range 14 West, setting temp.  $\frac{1}{4}$  sec. cor. and sec. cors. at intervals of 40.00 chs. after a careful search for the last corners; at 400.00 chs. I find the Standard cor. of secs. 31 and 32 which is a Schist stone 24 x 18 x 8 ins. in mound of stone. marked S. C. on N. with 5 grooves on E. and 1 groove on W. faces; I remove this cor. and re-establish it at the same point as follows:

Set the same Schist stone 18 ins. in the ground for Standard cor. of secs. 31 and 32, marked S. C. on N. with 5 grooves on E. and 1 groove on W. faces; and raise a mound of stone, covered with earth, 4 ft. base  $1\frac{1}{2}$  ft. high N. of cor; from Standard cor. I continue

West on a random line on S. bdy. sec. 31.  
At 40.00 chs. set temp.  $\frac{1}{4}$  sec. cor.

At 59.08 chs. counting from Standard sec. cor. witness  $\frac{1}{4}$  sec. cor. to Standard  $\frac{1}{4}$  sec. cor. bears North 40 lks. which is a live oak 16 ins. diam. marked  $\frac{1}{4}$  S. W. C.

81.97

I continue on same line; at (81.79) chs. the Standard cor. of T. 6 N., Rs. 14 and 15 W., bears north 20 lks.; which is a Schist stone 18 x 6 x 5 ins. in a mound of stone, marked S. C. on N. with 6 grooves on N. E. and W. faces; in addition, I marked this stone; T.6 N. on N., R. 14 W., on E. and R. 15 on W. faces; and raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor.

July 1; At 3h 5m., P. M., l.m.t., I set off  $34^{\circ} 34'$  on the lat. arc; and  $23^{\circ} 8'$  on the decl. arc; and determine a true meridian with the solar at this cor.

Thence I run

S.  $89^{\circ} 52'$  E. on a true line on S. bdy. of sec. 31.  
Through dense brush descend rapidly.

22.89 A point 26 lks. S. of witness cor. to Standard  $\frac{1}{4}$  sec. cor. which is reported in the official filed notes as standing 120 lks. E. of the true point for  $\frac{1}{4}$  sec. cor.

As this cor. is defective in both alignment and measurement and is not the cor. of any surveyed subdivisions, I cut out the mark on the tree and re-establish the cor. on the true line and in the proper position.

23.00 Leave brush bears N. and S.

Re-survey of the First Standard North, Through Range 14 West, S. B. M.

- 23.77 Road from Palmdale to San Fernando, bears N. and S.
- 24.62 Cross stream, 5 lks. wide in Boquet Canon, course S. W.  
Ascend gradually.
- 37.00 Leave canon and ascend foot of brushy mountain, bears N. E.  
and S. W. Ascend rapidly.
- Difference between measurements of 41.97 chs; by two sets of  
chainmen is 18 lks. position of middle point.
- By 1st 41.88 chs.  
By 2nd. set 42.06 chs; the mean of which is
- 41.97 Set a Schist stone 20 x 6 x 6 ins. 15 ins. in the ground, for  
Standard  $\frac{1}{4}$  sec. cor. marked S. C.  $\frac{1}{4}$  on N. faces; and raise a  
mound of stone, covered with earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.
- 59.60 Spur, bears N. 600 ft. above canon; descend.
- 65.80 Gulch 15 lks. wide, course N. 200 ft. below spur; ascend abruptly.
- 76.90 Top of steep ascent, and ascend gradually.
- 78.90 Leave dense brush bears N. and S.
- Difference between measurements of 81.97 chs. by two sets of  
chainmen of 25 lks. position of middle point
- By 1st set 81.84 $\frac{1}{2}$  chs.  
By 2nd set 82.09 $\frac{1}{2}$  chs., the mean of which is
- 81.97 The Standard cor. of secs. 31 and 32, already described.  
Land, rugged mountainous.
- Soil 3rd rate
- Timber, a few scattering live oak along canon
- Undergrowth, 64.90 chs. dense chaparral
- Mountainous land, 81.97 chs.

June 29, and July 1, 1901.

---

July 2; at 7h. 25m. A. M., l.m.t., I set off  $34^{\circ} 34'$  on the lat. arc;  
 $23^{\circ} 5'$  on the decl. arc; and determine a true meridian with the solar  
at the Standard cor. of secs. 31 and 32.

Thence I run

East on a true line on S. bdy. of sec. 32.

Along N. slope of mountain

3.00 Enter heavy brush; descend

38.50 Gulch 16 lks. wide, course N. W. Ascend  
Difference between measurements of 40.00 chs. by two sets of  
chainmen is 14 lks. position of middle point

By 1st set 39.93 chs.  
By 2nd set 40.07 chs; the mean of which is

Re-survey of the First Standard Parallel North, Through Range 14 W., S.B.M.

40.00 Set a Mica Schist stone 16 x 10 x 4 ins., 12 ins. in the ground for Standard  $\frac{1}{4}$  sec. cor. marked S. C.  $\frac{1}{4}$  on N. face; and raise a mound of stone, covered with earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

60.00 Top of ridge, bears S.  $60^\circ$  W. and East. Descend over summit.

65.00 Begin steep descent of S. slope of ridge.

Difference between measurements of 80.00 chs. by two sets of chainmen is 15 lks. position of middle point

By 1st set  $79.92\frac{1}{2}$

By 2nd set  $80.07\frac{1}{2}$  chs. the mean of which is

80.00 Set a Mica Schist stone 16 x 6 x 6 ins., 12 ins. in the ground, for Standard cor. of secs. 32 and 33, marked S. C. on N. with 2 grooves on W. and 4 grooves on E. faces, and raise a mound of stone covered with earth, 4 ft. base, 2 ft. high N. of cor.

Land, mountainous

Soil, rocky, 3rd rate.

No timber.

Undergrowth, 77.00 chs. dense chaparral.

Mountainous land 80.00 chs.

---

East on a true line on S. bdy. sec. 33

Through dense brush; descend along S. slope of mountain

39.50 Leave brush, bears N. and S.

Difference between measurements of 40.00 chs. by two sets of chainmen of 8 lks. position of middle point.

By 1st set 39.96 chs.

By 2nd set 40.04 chs; the mean of which is

40.00 Set a Mica Schist stone 16 x 8 x 5 ins., 12 ins. in the ground, for Standard  $\frac{1}{4}$  sec. cor., marked S. C.  $\frac{1}{4}$  on N. face; raise a mound of stone, covered with earth, 4 ft. base, 2 ft. high N. of cor.

July 2nd, at this  $\frac{1}{4}$  sec. cor. I set off  $23^\circ 4'$  on the decl. arc and at Oh 3m. 38.98s. P. M., l.m.t., observe the sun on the meridian, the resulting lat. is  $34^\circ 34'$

Along S. slope of mountain.

50.00 Begin gradual ascent bears N. and S.

61.00 Enter brush, bears N. and S.

68.75 Closing cor. of secs. 4 and 5, T. 5 N., R. 14 W. which is a stone in stone mound.

Difference between measurements of 80.00 chs. by two sets of chainmen is 19 lks. position of middle point.

By 1st set  $79.90\frac{1}{2}$  chs.

By 2nd set  $80.80\frac{1}{2}$  chs., the mean of which is

Re-survey of the First Standard Parallel North Through Range 14 West, S. B. M.

80.00 Set a granite stone 20 x 10 x 3 ins., 15 ins. in the ground, for Standard cor. of secs. 33 and 34, marked S. C. on N. with 3 grooves on E. and W. faces; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Land, mountainous.  
Soil, rocky, 3rd rate  
No timber  
Undergrowth, 58.50 chs. dense chaparral.  
Mountainous land, 80.00 chs.

---

East on a true line on S. bdy. of sec. 34  
Through brush; ascend

.50 Top of ascent, bears N. and S. Descend  
19.80 Gulch 30 lks. wide, course S. 200 ft. below ascent.  
Ascend

28.70 Top of ascent bears N. and S. 200 ft. above gulch, along S. slope of mountain; descend.

Difference between measurements of 40.00 chs. by two sets of chainmen is 12 lks. position of middle point

By 1st set 39.94 chs.  
By 2nd set 40.06 chs., the mean of which is

40.00 Set a porphyry stone 16 x 8 x 5 ins., 12 ins. in the ground, for Standard  $\frac{1}{4}$  sec. cor. marked S. C.  $\frac{1}{4}$  on N. face; and raise a mound of stone, covered with earth, 4 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

July 2, 1901

July 3, at 8h, A. M., l.m.t., I set off  $34^{\circ} 34'$  on the lat. arc;  $23^{\circ} 0.5'$  on the decl. arc; and determine a true meridian with the solar at the Standard  $\frac{1}{4}$  sec. cor. on S. bdy. sec. 34.

Thence I run  
East on a true line on S. bdy sec. 34  
Counting distances from Standard cor. of secs. 33 and 34  
Through brush; descend

51.00 Begin steep descent bears N. and S.

65.00 Gulch 16 lks. wide, course S. E. Ascend

71.00 Spur, bears S. E. 100 ft. above gulch, descend

Difference between measurements of 80.00 chs. by two sets of chainmen is 6 lks. position of middle point

By 1st set 79.97 chs.  
By 2nd set 80.03 chs., the mean of which is

80.00 Set a granite stone 24 x 20 x 4 ins. 18 ins. in the ground, for Standard cor. of secs. 34 and 35, marked S. C. on N. with 4 grooves on W. and 2 grooves on E. faces, and raise a mound of stone covered with earth, 4 ft. base, 2 ft. high, N. of cor.

Land mountainous  
Soil, rocky, 3rd rate  
No timber  
Undergrowth, 80.00 chs. of chaparral.  
Mountainous land, 80.00 chs.

---

Resurvey of the First Standard Parallel North, Through Range 14 West, S. B. M.

East on a true line on S. bdy. sec. 35  
Through brush, descend  
Along S. slope of mountain

- 8.00 A spring bears N. 15 lks.
- 34.50 Gulch, 12 lks. wide, course S. E. Ascend.  
Difference between measurements of 40.00 chs. by two sets of chainmen is 14 lks. position of middle point  
By 1st set 39.93 chs.  
By 2nd set 40.07 chs., the mean of which is
- 40.00 Set a Mica Schist stone 20 x 6 x 5 ins. 15 ins. in the ground for Standard  $\frac{1}{4}$  sec. cor. marked S. C.  $\frac{1}{4}$  on N. face and raise a mound of stone covered with earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 41.05 Summit of spur, bears S. 60 ft. above gulch  
Descend over a succession of low brushy spur.
- 70.00 Gulch 15 lks. wide, course S. Ascend  
Difference between measurements of 80.00 chs. by two sets of chainmen is 20 lks. position of middle point  
By 1st set 39.90 chs.  
By 2nd set 40.10 chs., the mean of which
- 80.00 Set a granite stone 14 x 9 x 6 ins. 10 ins. in the ground for Standard cor. of secs. 35 and 36, marked S. C. on N. with 5 grooves on W. and 1 groove on E. face and raise a mound of stone, covered with earth, 4 ft. base, 2 ft. high, N. of cor.  
Land, mountainous.  
Soil, rocky, 3rd rate  
No timber  
Undergrowth, low chaparral 80.00 chs.  
Mountainous land 80.00 chs.  
July 3: at this cor. I set off  $22^{\circ}59'$  on the decl. arc and at Oh, 3m. 50.2s P.M., l.m.t., observe the sun on the meridian; the resulting lat. is  $34^{\circ}34'$

---

East on a true line on S. bdy. of sec. 36  
Through brush, ascend

- 8.00 Spur bears S. 200 ft. above Standard Cor.  
Descend abruptly
- 20.25 Bottom of deep gulch, 30 lks. wide, course S. 400 ft. below spur; ascend.
- 22.50 A spring bears S. about 200 lks.
- 38.00 Top of ascent bears N. and S.  
Thence along S. slope of summit.

Re-survey of the First Standard Parallel North Through Range 14 West, S. B. M.

Difference between measurements of 40.00 chs. by two sets of chainmen is 22 lks. position of middle point

By 1st set 39.89 chs.  
By 2nd set 40.11 chs., the mean of which is

40.00 Set a quartzite stone 15 x 10 x 4 ins., 10 ins. in the ground for Standard  $\frac{1}{4}$  sec. cor., marked S. C.  $\frac{1}{4}$  on N. face and raise a mound of stone covered with earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Descend.

67.50 Gulch 12 lks. wide, course S.  
Ascend

69.50 Spur bears S. 60 ft. above gulch; descend abruptly.

79.00 Gulch 10 lks. wide, course S. W. 200 ft. below spur

Ascend

Difference between measurements of 80.00 chs. by two sets of chainmen is 16 lks. position of middle point

By 1st set 79.92  
By 2nd set 80.08 chs., the mean of which is

80.00 The Standard cor. of T. 6 N., Rs. 13 and 14 W.

Land, mountainous

Soil, rocky, 3rd rate

No timber

Undergrowth, dense chaparral 80.00 chs.

Mountainous land 80.00 chs.

July 3, 1901.

George W. Pearson, U.S. Deputy Surveyor

---

Subdivisions of T. 6 N., R. 14 W., S.B.M.

Survey commenced July 3, 1901, and executed with a John Roach Solar Compass with telescopic attachment.

The instrument was examined, tested on the true meridian at San Francisco, found correct and was approved by the U. S. Surveyor-General for California May 29, 1901.

I gave the instrument a careful examination and find the adjustments correct. Preliminary to beginning the subdivision of T. 6 N., R. 14 W, I test the solar apparatus, at my camp in the N. W.  $\frac{1}{4}$  of sec. 20: I proceed as follows:

July 3; At 5h, 3m, P.M., l.m.t., I set off  $34^{\circ} 36'$  on the lat. arc;  $22^{\circ} 59'$  on the decl. arc; and determine a true meridian with the solar; I mark a point in this line on a wooden plug driven in the ground 4.50 chs. N. of my station.

July 3, 1901.

---

July 4; At 0h. 37' A. M., l.m.t., I observe Polaris at Eastern elongation and mark a point thereof on a wooden plug driven in the ground 4.50 chs. N. of my station.

At 7h. 30m. A. M., l.m.t., I lay off the azimuth of Polaris  $1^{\circ} 29'$  to the west and mark a point on the true meridian thus determined on the wooden plug set July 3, 4.50 chs. N. of my station.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

At 8h. A. M., l.m.t., I set off  $34^{\circ} 36'$  on the lat. arc;  $22^{\circ} 55.5'$  on the decl. arc; and determine a true meridian with the solar. I mark a point in this line on the wooden plug already set 4.50 chs. N. of my station. The true meridians established with the solar substantially agree with the true meridian established by observations on Polaries; therefore, I conclude the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8h. A. M. is N.  $14^{\circ} 46'$  W. the mean mag. decl. is  $14^{\circ} 42'$  E.

Note:- I make these observations at my camp, because the south boundary of the township is not accessible after night-fall, the country being very steep, rough and brushy.

July 4, 1901

-----  
July 5; At 7h. 45m. A. M., l.m.t., I set off  $34^{\circ} 34'$  on the lat. arc;  $22^{\circ} 50'$  on the decl. arc; and determine a true meridian with the solar at the Standard cor. of secs. 35 and 36 - Thence I run

N.  $0^{\circ} 1'$  W. bet. secs. 35 and 36  
Through brush; descend

- .75 Ravine 8 lks. wide, course S. W. 20 ft. below Standard cor.  
Ascend
- 34.00 Leave brush bears E. and W.
- 40.00 Set Porphyry stone 16 x 13 x 4 ins. in mound of stone 3 ft. base, 1 ft. high; marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base, 2 ft. high W. of cor. Impracticable to sink stone in bed rock.
- 45.00 Summit of divide between Santa Clara and Boquet Canon, bears E. and W. 1200 ft. above Standard cor; descend N. slope
- 50.50 Enter brush bears E. and W.
- 80.00 Set a Porphyry stone 14 x 12 x 6 ins., 10 ins. in the ground for cor. to secs. 25, 26, 35 and 36 marked with 1 notch on E. and 1 notch on S. edges; dig pits 18 x 18 x 12 ins. in each sec.  $5\frac{1}{2}$  ft. dist. and raise a mound of earth 4 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Land, mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 63.50 chs. dense chaparral.  
Mountainous land, 80.00 chs.

-----  
East on a random line bet. secs. 25 and 36.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect E. bdy. of Tp. 20 lks. N. of the cor. of secs. 25, 30, 31 & 36.  
Thence I run
- N.  $89^{\circ} 51'$  W. on a true line bet. secs. 25 and 36.  
Through brush; descend.
- 14.00 Leave brush and enter opening bears N. and S.
- 26.00 Cross ravine 15 lks. wide, course N.  
Enter brush bears N. and S.; ascend



Subdivisions of T.6 N., R.14 W., S. B. M.

- 32.00 Top of ascent bears N. and S.  
Descend.
- 40.00 Set Porphyry stone 18x 10 x 4 ins., 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; dig pits 18 x 18 x 12 ins. E. and W., of stone 5 ft. dist. and raise a mound of earth and stone  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high N. of cor.  
  
Descend rapidly.
- 68.10 Enter canon 100 lks. wide, course N. W. 600 ft. below top of ascent.  
Ascend
- 80.00 The cor. of secs. 25, 26, 35 and 36.  
Land, mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 68.00 chs. of Chaparral  
Mountainous land, 80.00 chs.
- 
- July 5: At this cor. I set off  $22^{\circ} 49'$  on the decl. arc; and at Oh, 4m. 11.5s. P. M., l.m.t., observe the sun on the meridian, the resulting lat. is  $34^{\circ} 35'$   
N.  $0^{\circ} 1'$  W. bet. secs. 25 and 26  
Through dense brush; descend
- 14.25 Center of Canon, 100 lks. wide, course N.  $65^{\circ}$  W. 200 ft. below sec. cor. Ascend.
- 21.00 Top of ridge bears N.  $65^{\circ}$  W. and S.  $65^{\circ}$  E. 300 ft. above Canon.  
Descend
- 40.00 Set a Porphyry stone 30 x 14 x 12 ins., 24 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face and raise a mound of stone covered with earth 4 ft. base, 2 ft. high W. of cor.
- 54.75 Enter Boquet Canon course W.  
Leave brush bears E. and W.
- 59.75 Road from Boquet Canon to Palmdale bears E. and W.
- 60.75 Dry wash 25 lks. wide, course W.
- 61.00 Wire fence bears E. and W.
- 62.00 Leave Canon and ascend brushy spur bears E. and W.
- 68.00 Top of spur bears W. Descend
- 70.50 Foot of spur bears E. and W. Leave brush bears E. and W.  
Thence ascending along W. slope of same spur
- 80.00 Set a granite stone 16 x 8 x 6 ins., 12 ins. in the ground for cor. of secs. 23, 24, 25 and 26, marked with 2 notches on S. and 1 notch on E. edges; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high, W. of cor.  
Land, mountainous and broken  
Soil, 2nd and 3rd rates  
Timber, a few scattering live oak in Boquet Canon  
Undergrowth 63.25 chs. dense chaparral.  
Mountainous land 72.75 chs.  
Broken land in Canon 7.25 chs.

July 5, 1901.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

July 6: At 7h. 12m, A. M., l.m.t., I set off  $34^{\circ}36'$  on the lat. arc;  $22^{\circ}45'$  on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 23, 24, 25 and 26 - Thence I run S.  $89^{\circ} 51'$  E. on a random line bet. secs. 24 and 25.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.80 Intersect E. bdy. of the Tp. 20 lks. S. of the cor. of secs. 19, 24, 25 and 30  
Thence I run West on a true line bet. secs. 24 and 25.  
Ascend gradually
- 7.25 Enter brush bears N. and S. Ascend abruptly.
- 10.70 Summit of divide bet. Boquet Canon and Wilson's Canon, bears N.W. and S. E. 100 ft. above sec. cor.  
  
Descend.
- 19.30 Gulch 16 lks. wide, course S. 75 ft. below divide  
Ascend abruptly
- 22.00 Spur bears S. 80 ft. above gulch  
Descend
- 34.50 Gulch 15 lks. wide, course S. 100 ft. below spur  
Ascend
- 37.00 Spur bears S. 80 ft. above gulch  
Descend
- 39.90 Set Porphyry stone 16 x 8 x 5 ins., 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 40.10 Cross gulch 8 lks. wide, course S. 80 ft. below spur.  
Ascend
- 44.90 Top of spur bears S. 60 ft. above gulch  
Descend
- 54.10 Gulch 10 lks. wide, course S. 100 ft. below spur  
Ascend
- 64.80 Spur bears S. W. 150 ft. above gulch;  
Descend
- 78.00 Leave brush bears N. and S.
- 79.80 The cor. of secs. 23, 24, 25 and 26.  
Land, mountainous.  
Soil, 3rd rate  
No timber  
Undergrowth 70.75 chs. of chaparral  
Mountainous land 79.80 chs.
- 
- N.  $0^{\circ} 1'$  W. bet. secs. 23 and 24  
Ascend
- 11.40 Enter brush bears E. and W.
- 40.00 Set a Quartzite stone 18 x 12 x 8 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; and raise a mound of stone  $3\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.  
Pits impracticable.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

July 6: At this cor. I set off  $22^{\circ}43'$  on the decl. arc; and at 0h, 4m. 22.17s., P. M., l.m.t., observe the sun on the meridian; the resulting lat. is  $34^{\circ}37'$

- 54.70 Summit of ridge bears E. and W. 1000 ft. above sec. cor.  
Descend
- 80.00 Set quartz stone 20 x 16 x 5 ins. 15 ins. in the ground for cor. of secs. 13, 14, 23 and 24 marked with 3 notches on S. and 1 notch on E. edges and raise a mound of stone covered with earth 4 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- Land, mountainous  
Soil, 3rd rate  
No timber  
Undergrowth, 68.60 chs. of dense chaparral  
Mountainous land 80.00 chs.
- 
- East on a random line bet. secs. 13 and 24.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.65 Intersect E. bdy. of the Tp. at the cor. of secs. 13, 18, 19 and 24.  
Thence I run  
West on a true line bet. secs. 13 and 24.  
Through brush; ascend
- 12.15 Cross ravine 30 ft. deep 12 lks. wide, course N.
- 14.65 Spur bears N. 80 ft. above ravine  
Descend
- 19.60 Gulch 16 lks. wide, course N. 60 ft. below spur  
Ascend
- 22.65 Top of ridge bears N. and S. 100 ft. above gulch  
Descend
- 35.60 Gulch 18 lks. wide, course N.  $50^{\circ}$  W.  
Ascend
- 39.82 $\frac{1}{2}$  Set a granite stone 15 x 10 x 5 ins., 10 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 40.75 Spur bears N. and descend
- 45.00 Gulch 8 lks. wide, course N.  
Ascend
- 50.70 Spur bears N. 50 ft. above gulch  
Descend
- 56.10 Gulch 10 lks. wide, course N. 50 ft. below spur  
Ascend
- 60.50 Spur bears N. 50 ft. above gulch  
Descend
- 64.50 Gulch 10 lks. wide, course N. 80 ft. below spur  
Ascend
- 67.40 Spur bears N. 70 ft. above gulch  
Descend
- 73.10 Gulch 12 lks. wide, course N.  
Ascend
- 76.00 Spur bears N. descend

Subdivisions of T. 6 N., R. 14 W., S. B. M.

- 78.30 Gulch 8 lks. wide, course N.  
Ascend.
- 79.65 The cor. to secs. 13, 14, 23 and 24.  
Land, mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 79.65 chs. dense chaparral  
Mountainous land 79.65 chs.

July 6, 1901

-----

July 8: At 8h, 15m.A.M., 1.m.t. I set off  $34^{\circ} 34.5$  on the lat. arc;  $22^{\circ} 32'$  on the decl. arc; and determine a true meridian with the solar at the Standard cor. of secs. 34 and 35 on the S. bdy. of the Tp.

Thence I run  
N.  $0^{\circ} 1'$  W. bet. secs. 34 and 35.  
Through dense brush; descend

- 2.50 Cross gulch 8 lks. wide, course E. Ascend
- 10.00 Summit of spur bears E. 60 ft. above gulch  
Descend
- 11.25 Cross gulch 6 lks. wide, course S. E. 50 ft. below spur;  
Ascend rapidly
- 35.00 Summit of divide bet. Boquet Canon and Santa Clara 400 ft. above  
gulch. Descend
- 40.00 Set a schist stone 18 x 12 x 4 ins. 14 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on W. face; dig pits 18 x 18 x 12 ins. N. and S. of  
stone 3 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high W. of cor.
- 64.00 Leave brush bears E. and W.
- 69.00 Cross gulch 3 ft. deep, 10 lks. wide, course S. W.
- 80.00 Set a quartz stone 14 x 12 x 10 ins., 10 ins. in the ground for cor.  
of secs. 26, 27, 34 and 35, marked with 1 notch on S. and 2 notches  
on E. edges; and raise a mound of stone covered with earth, 4 ft.  
base, 2 ft. high W. of cor.
- Land mountainous  
Soil, rocky; 3rd rate; No timber  
Undergrowth, 64.00 chs. dense chaparral  
Mountainous land, 80.00 chs.

-----

East, on a random line bet. secs. 26 and 35

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.10 Intersect N. and S. line 5 lks. N. of cor. of secs. 25, 26, 35 and 36.  
Thence, I run  
N.  $89^{\circ} 58'$  W. on a true line bet. secs. 26 and 35.  
Along N. slope of mountain and through brush; ascend
- 14.00 Top of ascent bears N. and S. Descend
- 28.00 Cross gulch 12 lks. wide, course N.  $30^{\circ}$  W. Ascend
- 37.50 Spur bears N. 200 ft. above gulch; descend.
- 40.05 Set a Porphyry stone 16 x 7 x 5 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face; dig pits 18 x 18 x 12 ins. E. and W. of  
stone 4 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
N. of cor.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

- 48.10 Cross gulch 40 lks. wide, course N. 300 ft. below spur;  
Ascend
- 56.60 Summit of spur bears N. 200 ft. above gulch. Descend.
- 59.00 Cross gulch 15 lks. wide, course N. 150 ft. below spur;  
Ascend
- 66.85 Leave brush bears N. and S.
- July 8: At this point on the line I set off  $22^{\circ}30'$  on the decl. arc  
and at Oh, 4m, 42s. P. M., l.m.t., observe the sun on the meridian;  
the resulting lat. is  $34^{\circ}35'$
- 67.50 Summit of spur bears N. descend
- 72.00 Cross gulch 10 lks. wide, course N. 200 ft. below spur;  
Ascend
- 72.40 Spur bears N. 100 ft. above gulch. Descend
- 80.10 The cor. of secs. 26, 27, 34 and 35.
- Land, mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 66.85 chs. dense chaparral  
Mountainous land, 80.10 chs.
- 
- N.  $0^{\circ} 1'$  W. bet. secs. 26 and 27.  
Descending
- .50 Enter dense brush bears E. and W.
- 3.00 A spring bears E. about 4.00 chs. dist.
- 4.50 A vacant cabin bears E. about 3.00 chs. dist.
- 7.00 Enter head of gulch 15 lks. wide, course N.  
Thence down gulch
- 27.00 Leave gulch, course N. W. Ascend
- 29.00 Summit of low spur bears N. W.; descend
- 34.20 Center of canon 50 lks. wide, course N.  $60^{\circ}$  W. 600 ft. below sec. cor.  
Ascend
- 36.00 Summit of ridge bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.  
Descend
- 40.00 Set a Mica Schist stone 14 x 8 x 8 ins. 10 ins. in the ground for  $\frac{1}{4}$   
sec. cor, marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered  
with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 54.25 Enter Boquet Canon course W.  
Leave brush bears E. and W.
- 55.50 Road from Boquet Canon to Palmdale bears E. and W.
- 55.85 Wire fence bears E. and W.
- 57.00 George Bidison's house bears E. about 10.00 chs.
- 59.75 Leave Canon and ascend abruptly.  
Enter dense brush bears E. and W.
- 64.50 Top of spur bears W. 100 ft. above canon  
Leave brush bears E. and W. Descend
- 65.75 Enter Canon at foot of spur, course W.
- 70.00 Leave Canon; ascend rapidly.

Subdivision of T. 6 N., R. 14 W., S. B. M.

- 70.50 Enter heavy brush bears E. and W.
- 80.00 Set a granite stone 15 x 8 x 6 ins. 10 ins. in the ground for cor. of secs. 22, 23, 26 and 27, marked with 2 notches on S. and E. edges; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- Cor. on top of spur bearing W.
- Land, mountainous  
Soil, 1st and 3rd rates  
Timber, a few scattering live oak  
Undergrowth 63.75 chs. dense chaparral  
Mountainous land 70.25 chs.  
Rolling canada, 9.75 chs.
- July 8, 1901
- 
- July<sup>9</sup>: At 7h, 3m, A. M., l.m.t., I set off  $34^{\circ} 36'$  on the lat. arc;  $22^{\circ} 26'$  on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 22, 23, 26 and 27.
- Thence I run
- S.  $89^{\circ} 58'$  E. on a random line bet. secs. 23 and 26
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.25 Intersect N. and S. line 5 lks. S. of the cor. of secs. 23, 24, 25 & 26. Thence, I run West on a true line bet. secs. 23 and 26 Through dense brush; ascend
- 8.00 Summit of spur bears S. 100 ft. above sec. cor.; descend
- 13.70 Cross gulch 10 lks. wide, course S. 60 ft. below spur. Ascend.
- 17.00 Top of mesa bears N. and S.
- Thence over brushy mesa
- 40.12 $\frac{1}{2}$  Set a granite stone 18 x 10 x 8 ins., 14 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth 4 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 45.50 Mrs. Taylor's dwelling house bears N. about 5.00 chs. dist.
- 46.25 Fence bears N. and S.
- 46.50 Road bears N. and S.
- 51.50 Begin to ascend, bears N. and S.
- 66.50 Top of spur bears S. 200 ft. above mesa. Descend
- 74.00 Cross gulch 12 lks. wide, course S. 150 ft. below spur; Ascend
- 80.25 The cor. of secs. 22, 23, 26 and 27.
- Land, mountainous  
Soil 2nd rate. No timber  
Undergrowth 80.25 chs. dense chaparral  
Mountainous land 70.25 chs.  
Mesa Land 10.00 chs.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

N.  $0^{\circ} 1'$  W. bet. secs. 22 and 23.  
Through dense brush; descend

- 3.50 Base of spur and enter canon bears E. and W.  
Leave dense brush; enter cultivated ground bears E. and W.
- 8.30 Leave cultivated ground, bears E. and W.; enter dense brush  
Ascend rapidly
- 17.00 Top of spur bears S. W. 100 ft. above Canon  
Descend
- 22.00 Cross gulch 15 lks. wide, course S. W. 100 ft. below spur.  
Thence up gulch
- 26.70 Leave gulch coming from the N.E.  
Ascend rapidly.
- 33.00 Top of spur bears S. W. 200 ft. above gulch; descend
- July 9: At this point I set off  $22^{\circ} 23.5'$  on the decl. arc; and  
at Oh 4m. 5s. P. M., l. m. t., observe the sun on the meridian;  
the resulting lat. is  $34^{\circ} 36.5'$ .
- 35.75 Cross gulch 8 lks. wide, course S. W. 100 ft. below spur;  
Ascend
- 40.00 Set a quartz stone 14 x 8 x 8 ins. in mound of stone 3 ft. base,  
 $1\frac{1}{2}$  ft. high for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, and raise a mound  
of stone covered with earth  $3\frac{1}{2}$  ft. base, 2 ft. high W. of cor.

Impracticable to sink stone.

- 44.00 Cross point of spur bears S. W. 200 ft. above gulch.  
Descend
- 50.00 Cross head of gulch 8 lks. wide, course S. W. 50 ft. below spur;  
Ascend
- 52.00 Summit of rocky spur bears S. W. 80 ft. above gulch.  
Thence ascend steep S. slope of ridge
- 76.50 Summit of ridge bears E. and W. 800 ft. above last gulch  
Descend

- 80.00 Set a granite stone 16 x 8 x 6 ins. 12 ins. in the ground for cor. of  
secs. 14, 15, 22 and 23, marked with 3 notches on S. and 2 notches  
on E. edges; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft.  
base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous and broken  
Soil, rocky, 3rd rate. No timber  
Undergrowth 75.20 chs. dense chaparral.  
Mountainous land 75.20 chs.  
Broken land 4.80 chs.

-----  
East on a random line bet. secs. 14 and 23.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.05 Intersect N. and S. line 5 lks. N. of the cor. of secs. 13, 14, 23  
and 24.

Thence I run

Subdivisions of T. 6 N., R. 14 W., S. B. M.

N. 89°58' W. on a true line bet. secs. 14 and 23.  
Through dense brush and along N. slope of ridge;  
Ascend

- 2.55 Spur bears N. 60 ft. above sec. cor.  
Descend
- 5.50 Cross gulch 6 lks. wide, course N.  
Ascend
- 12.50 Spur bears N. 150 ft. above gulch  
Descend
- 17.40 Cross gulch 12 lks. wide, course N. 100 ft. below spur  
Ascend
- 21.30 Top of ascent bears N. and S.  
Descend
- 29.50 Center of gulch 50 lks. wide, course N. 150 ft. below ascent  
Ascend
- 39.50 Top of high point on spur bears N. 200 ft. above gulch  
Ascend
- 39.50 Top of high point on spur bears N. 200 ft. above gulch
- 40.02½ Set a granite stone 16 x 8 x 6 ins, 12 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered  
with earth 4 ft. base,  $1\frac{1}{2}$  ft. high N. of cor. This cor. stands on  
N. brow of high point  
Descend
- 48.48 Cross deep gulch 30 lks. wide, course N. 250 ft. below  $\frac{1}{4}$  sec. cor.  
Ascend
- 53.23 Top spur bears N. 100 ft. above gulch. Descend
- 69.00 Cross gulch 8 lks. wide, course N. 100 ft. below spur.  
Ascend
- 80.05 The cor. of secs. 14, 15, 22 and 23.

Land, mountainous

Soil, 3rd rate

No timber

Undergrowth 80.05 chs. dense Chaparral

Mountainous land 80.05 chs.

July 9, 1901

-----  
N. 0° 1' W. bet. secs. 14 and 15.

Through brush; descend

- 8.00 Cross gulch 15 lks. wide, course N. E. 150 ft. below sec. cor.  
Ascend
- 12.00 Spur bears N. E. 70 ft. above gulch; Descend
- 25.00 Center of Canon 100 lks. wide, course E. 300 ft. below spur;  
Ascend
- 40.00 Set a granite stone 16 x 8 x 6 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered with  
earth  $3\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.
- 44.00 Cross gulch 20 ft. deep 12 lks. wide, course S. 25° W.
- 65.40 Top of ridge bears E. and W. Descend.



Subdivisions of T. 6 N., R. 14 W., S. B. M.

80.00 Set a granite stone 18 x 8 x 4 ins, 14 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked with 4 notches on S. and 2 notches on E. edges; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high W. of cor.

Land, rough mountainous

Soil, 3rd rate

No timber

Undergrowth 80.00 chs. dense chaparral

Mountainous land 80.00 chs.

July 10, 1901

-----  
July 11: At 7h. 16m. A. M., l.m.t., I set off  $34^{\circ} 38'$  on the lat. arc;  $22^{\circ} 10.5'$  on the decl. arc, and determine a true meridian with the solar at the cor. of secs. 10, 11, 14 and 15. Knowing that a closing cor. for secs. 11 and 14 will have to be set, I make the line bet. secs. 11 and 14 a true line.

From the above sec. cor. I run

S.  $89^{\circ} 58'$  E. on a true line bet. secs. 11 and 14.

Through brush; descend.

- 1.55 Cross bottom of Canon 20 lks. wide, course N.  $20^{\circ}$  E. Ascend abruptly.
- 9.00 Top of spur bears N.  $20^{\circ}$  E. 250 ft. above Canon Descend abruptly.
- 12.00 Cross deep gulch 15 lks. wide, course N.  $20^{\circ}$  E. 200 ft. below spur. Ascend abruptly.
- 16.25 Top of spur bears N.  $20^{\circ}$  E. 200 ft. above gulch Descend
- 26.00 Cross deep gulch 20 lks. wide, course N.  $20^{\circ}$  W. 200 ft. below spur; Ascend.
- 30.65 Top of spur bears N. 200 ft. above gulch
- 31.15 Begin descent of E. slope
- 40.00 The point for  $\frac{1}{4}$  sec. cor. falling on ground unsuitable for a permanent monument, I continue to
- 41.22 Set a Mica stone 16 x 8 x 4 ins., 12 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor. marked W. C.  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. This witness  $\frac{1}{4}$  sec. cor. is 1.22 chs. S.  $89^{\circ} 52'$  E. from true point for  $\frac{1}{4}$  sec. cor. Descend abruptly over E. slope of mountain.
- 54.20 Cross gulch 4 ft. deep 20 lks. wide, course S.  $75^{\circ}$  E.
- 58.50 Cross same gulch 5 ft. deep, 20 lks. wide, course N.  $70^{\circ}$  E.
- 77.80 Intersect N. and S. line 131 lks. N. of the cor. of secs. 11, 12, 13 & 14. Set a granite stone 16 x 8 x 6 ins. 12 ins. in the ground for closing cor. of secs. 11 and 14, marked C. C. on W. with 4 grooves on S. and 2 grooves on N. faces; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high W. of cor.

As the old cor. of secs. 11, 12, 13 & 14 now becomes cor. of secs. 12 and 13 only, I change this cor. to cor. for two secs. by removing the notch on E. edge and cutting 2 notches on N. edge.

Land, mountainous.

Soil, 3rd rate

Subdivisions of T. 6 N., R. 14 W., S. B. M.

No timber  
Undergrowth 77.80 chs. dense chaparral  
Mountainous land 77.80 chs.

---

Knowing that a closing cor. will have to be set for secs. 10 and 11, I make the line bet. secs. 10 and 11 a true line. N.  $0^{\circ}1'$  W. on a true line bet. secs. 10 and 11. Through dense brush; descend abruptly.

- 27.50 Cross dry bed of Canon 50 lks. wide, course N.  $80^{\circ}$  E. 400 ft. below sec. cor. Ascend.
- 35.00 Top of spur bears E. 60 ft. above Canon descend.
- 40.00 Set a granite stone 15 x 8 x 5 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 45.00 Leave brush bears E. and W.
- 50.40 Cross gulch 5 lks. wide, course E. Ascend.
- 51.60 Enter dense brush bears E. and W.
- 54.65 Spur bears S.  $80^{\circ}$  E. 80 ft. above gulch. Descend.
- 58.50 Cross deep gulch 10 lks. wide, course S.  $80^{\circ}$  E. 60 ft. below spur; Ascend.
- 61.00 Top of spur bears E. 90 ft. above gulch; descend
- 78.63 Intersect S. bdy. of Sec. 2, 4.47 chs. E. of the cor. of secs. 2, 3, 10, 11, which is a post 15 ins. above ground  $3\frac{1}{2}$  ins. sq. marked and witnessed as described, by the Surveyor General.
- Set a granite stone 13 x 10 x 8 ins. 10 ins. in the ground for closing cor. of secs. 10 and 11 marked C. C. on S. with 2 grooves on E. and 4 grooves on W. faces; and raise a mound of stone covered with earth  $\frac{1}{2}$  ft. base, 2 ft. high, S. of cor.
- I remove the marks from the old cor. of secs. 2, 3, 10 and 11, relating to secs. 10 and 11.
- Land, mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 72.03 chs. dense chaparral  
Mountainous land 78.63 chs.

July 11, 1901

---

Subdivision of T. 6 N., R. 14 W., S. B. M.

Chains.

July 13: At 7h. 45m. A. M., l.m.t., I set off  $34^{\circ}34.5'$  on the lat. arc;  $21^{\circ}54'$  on the decl. arc; and determine a true meridian with the solar at the Standard cor. of secs. 33 and 34 on S. bdy. of the Tp. Thence, I run  
N.  $0^{\circ}2'$  W. bet. secs. 33 and 34  
Through brush; ascend.

10.00 Top of divide bet. Boquet Canon and Santa Clara River, bears E. and W. 200 ft. above Standard cor. descend.

40.00 Set a porphyry stone 18 x 10 x 4 ins. 14 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

From cor.

A maple 8 ins. diam. bears N.  $27\frac{3}{4}^{\circ}$  E. 15 lks. dist., Marked  $\frac{1}{4}$  S. B. T.  
A White oak 10 ins. diam., bears N.  $78^{\circ}$  W. 26 lks. dist. marked  $\frac{1}{4}$  S

57.00 Cross gulch 10 ft. deep, 25 lks. wide, course N.E.

80.00 The point for sec. cor. falls on a rock in place 3 x 2 x 2 ft. above ground on which I cut a cross (x) at the exact cor. point for cor. of secs. 27, 28, 33 and 34, marked with 1 notch on S. and 3 notches on E. edges; and raise a mound of stone covered with earth 4 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Land, mountainous

Soil, 3rd rate

Timber, a few scattering maple and oak in gulches

Mountainous land 80.00 chs.

-----

40.00 East on a random line bet. secs. 27 and 34.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect N. & S. line 40 lks. N. of the cor. of secs. 26, 27, 34 and 35  
thence, I run  
N.  $89^{\circ}43'$  W. on a true line bet. secs. 27 and 34  
Through brush; descend

15.90 Center of Canon 50 lks. wide, course N. 300 ft. below sec. cor.  
Ascend

27.00 Top of spur bears N. 400 ft. above Canon; Descend

34.40 Cross gulch 20 lks. wide, course N. 200 ft. below spur  
Ascend

39.96 Set a granite stone 18 x 6 x 6 ins. 14 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face, and raise a mound of stone covered with earth, 4 ft. base, 2 ft. high N. of cor.

47.42 Summit of high spur bears N. 250 ft. above gulch  
Descend

66.90 Begin steep descent bears N. and S.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

76.90 Cross gulch 18 lks. wide, course N. 600 ft. below spur  
Ascend

79.92 The cor. of secs. 27, 28, 33 and 34.

Land mountainous  
Soil, rocky, 4th rate. No timber  
Undergrowth; 79.92 chs. dense chaparral  
Mountainous land 79.92 chs.

-----  
July 13: At 2h 42m. P. M., l.m.t., I set off  $34^{\circ}35'$  on the  
lat. arc,  $21^{\circ}51'$  on the decl. arc, and determine a true meridian  
with the solar at the cor. of secs. 27, 28, 33 and 34.

Thence, I run  
N.  $0^{\circ}2'$  W. bet. secs. 27 and 28  
Through brush, descend

30.00 Enter Canon, course N.  $70^{\circ}$  W.

33.50 Leave canon and ascend rapidly

40.00 Set a granite stone 18 x 6 x 5 ins. 14 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on W. face, and raise a mound of stone covered  
with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

41.00 Top of ridge bears E. and W. 400 ft. above Canon  
Descend abruptly to

60.00 Foot of ridge and enter Boquet Canon; course W. 500 ft. below  
ridge; leave brush bears E. and W.

60.15 Road from Boquet Canon to Palmdale bears E. and W.

60.25 Wire fence bears E. and W.

64.25 Cross gully 15 lks. wide, course W. Ascend

65.50 Enter brush bears E. and W.

69.40 Leave brush bears E. and W.

69.50 Top of low ridge bears E. and W. Descend

72.00 Bottom of sag 200 lks. wide, course W. Ascend

77.00 Enter brush bears E. and W.

80.00 Set a granite stone 12 x 8 x 6 ins. 8 ins. in the ground for cor. of  
Secs. 21, 22, 27 and 28 marked with 2 notches on S. and 3 notches  
on W. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 ft. dist.  
and raise a mound of stone covered with earth 4 ft. base, 2 ft.  
high W. of cor.

This cor. stands in dense brush on the S. face of spur

Land, mountainous  
Soil, 3rd rate  
Timber, scattering live oak in canons.  
Undergrowth 66.90 chs. dense chaparral  
Mountainous land, 80.00 chs.

July 13, 1901

-----  
S.  $89^{\circ}43'$  E. on a random line, bet. secs. 22 and 27

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

80.00 Intersect N. and S. line 40 lks. S. of the cor. of secs. 22, 23, 26  
and 27.

Thence I run

Subdivisions of T. 4 N., R. 14 W., S. B. M.

- West on a true line bet. secs. 22 and 27  
Through heavy brush; descend rapidly
- 3.50 Foot of spur and enter Canon course S. Leave brush bears N. and S.  
5.10 Road from James Bidison's dwelling house to Palmdale bears N. 20° W.  
and S. 20° E.
- 7.00 James Bidison's dwelling house bears N. about 7.00 chs.  
11.00 Cross dry wash 10 lks. wide, course S.  
12.00 Leave Canon, and ascend rapidly  
12.50 Enter brush bears N. and S.  
23.40 Top of brushy spur bears S. 30° W. 150 ft. above canon  
**Descend**
- 28.50 Gulch 20 lks. wide, course S. 30° W. Ascend  
32.50 Top of spur bears S. 30° W. 80 ft. above gulch  
**Descend**
- 36.00 Enter Canon course W.  
37.50 Leave Canon Ascend  
40.00 Point on top of brushy spur bears S. 30° W.
- Set a granite stone 16 x 8 x 6 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face; dig pits, 18 x 18 x 12 ins. E. and W. of  
stone 4 ft. dist. and raise a mound of stone and earth  $3\frac{1}{2}$  ft. base,  
 $1\frac{1}{2}$  ft. high N. of cor. Descend rapidly.
- 45.00 Foot of spur and enter Canon course S.  
Leave brush bears N. and S.
- 54.50 Foot of brushy spur and leave canon bears N. and S.  
Enter brush  
Ascend
- 56.50 Spur bears S. 30° W. 80 ft. above Canon; descend  
59.00 Enter Canon course S. 60 ft. below spur  
60.00 Coat's house bears S. about 10.00 chs.  
61.00 Leave brush bears N. and S.
- 70.00 Foot of spur bears N. and S.  
Enter brush bears N. and S.  
Ascend
- 74.00 Top of spur bears S. Descend
- 80.00 The cor. of secs. 21, 22, 27 and 28.
- Land mountainous and rolling Canada  
Soil, 2nd rate  
Timber, scattering live oak in Canons  
Undergrowth 52.50 chs. of dense chaparral  
Mountainous land 70.00 chs.  
Rolling canada 10.00 chs.
- N. 0°2' W. bet. Secs. 21 and 22  
Through brush; ascend
- .25 Top of spur bears W. Descend  
8.25 Cross gulch 15 lks. wide, course S. W. 60 ft. below spur. Ascend  
20.50 Spur bears S. W. 400 ft. above gulch. Descend  
26.75 Gulch 12 lks. wide, course S. W. 100 ft. below spur.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

Ascend

30.75 Spur bears S. W. 200 ft. above last gulch; descend

July 15: At this point on the line I set off  $21^{\circ} 34'$  on the decl. arc; and at Oh, 5m. 38.4 s. P. M., l.m.t., observe the sun on the meridian; the resulting lat. is  $34^{\circ} 36.5'$  about.

35.35 Cross gulch 20 lks. wide, course W. 100 ft. below spur  
Ascend

40.00 Point on top of spur bears W. 200 ft. above gulch  
Set a granite stone 15 x 10 x 7 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.  
Thence ascending along W. slope of ridge

78.00 Enter gulch course S.  $20^{\circ}$  W.  
Thence up gulch to

79.00 Leave gulch coming from N.  $20^{\circ}$  E.

80.00 The point for sec. cor. falls on steep ground not suitable for a permanent monument; I set a witness cor. to cor. of secs. 15, 16, 21 and 22, 38 lks. E. of true point for cor. on W. bank of wash.

Set a granite stone 16 x 8 x 8 ins. 14 ins. in mound of earth and stone for witness cor. to cor. of secs. 15, 16, 21 and 22; marked W. C. T. 6 N. on N. E. and R. 14 E. on S. E. faces; with 3 notches on S. and E. edges; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high, W. of cor.

Land, rough mountains

Soil, 3rd rate

No timber

Undergrowth 80.00 chs. dense chaparral

Mountainous land, 80.00 chs.

-----  
July 15: At 2h 20m. P. M., l.m.t. I set off  $34^{\circ} 37'$  on the lat. arc;  $21^{\circ} 33'$  on the decl. arc; and determine a true meridian with the solar at the true point for cor. of secs. 15, 16, 21 and 22

Thence I run

East, on a random line bet. secs. 15 and 22

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

80.00 Intersect N. and S. line at the cor. of secs. 14, 15, 22 and 23

Thence I run

West on a true line bet. secs. 15 and 22

Through brush; ascend

5.60 Top of ridge bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.  
Thence descend along S. slope of ridge

40.00 Set a granite stone 18 x 10 x 8 ins. 14 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

40.50 Cross gulch 8 lks. wide, course S. Ascend

55.00 Top of spur bears S. Descend

60.00 Cross gulch 15 lks. wide, course S. Ascend

68.00 Top of spur bears S. Descend

Subdivisions of T. 6 N., R. 14 W., S. B. M.

- 79.35 Cross gulch 20 lks. wide, course S. Ascend  
 79.62 The witness cor. to cor. of secs. 15, 16, 21 and 22.  
 80.00 The point for cor. of secs. 15, 16, 21 and 22

Land mountainous

Soil, 4th rate

No timber

Undergrowth 80.00 chs. dense chaparral

Mountainous land, 80.00 chs.

July 15, 1901

-----

July 24: At 7h. 32m. A. M., l.m.t., I set off  $34^{\circ} 37'$  on the lat. arc.  $19^{\circ} 58'$  on the decl. arc; and determine a true meridian with the solar at the true point for cor. of secs. 15, 16, 21 and 22.

Thence I run

N.  $0^{\circ} 2'$  W. bet. secs. 15 and 16

Through dense brush; ascend in gulch

- 1.00 Leave gulch coming from N.  $20^{\circ}$  E. and ascend abruptly  
 11.50 Top of ridge bears E. and W. 300 ft. above sec. cor.  
 Descend  
 32.30 Center of canon 25 lks. wide, course W. 600 ft. below ridge  
 A spring bears E. about 200 lks. dist.  
 Ascend rapidly  
 40.00 The point for  $\frac{1}{4}$  sec. cor. falls on loose, sliding ground, falling rapidly to the N. W. and unsuitable for a permanent monument, I continue on line to  
 42.35 Set a Manzanita post 3 ft. long  $3\frac{1}{2}$  ins. sq. with marked stone 24 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor; marked W.C. $\frac{1}{4}$  S. on W. faces; dig pits 18 x 18 x 12 ins. N. and S. of post 4 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. This witness  $\frac{1}{4}$  sec. cor. is N.  $0^{\circ} 2'$  W. 2.35 chs. of true point for cor.  
 43.10 Cross gulch 15 ft. deep 18 lks. wide, course S. W.  
 46.10 Summit of spur bears S. W. 400 ft. above Canon  
 Descend  
 65.40 Gulch 12 lks. wide, course S. W. Ascend  
 80.00 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for cor. of secs. 9, 10, 15 and 16 marked with 4 notches on S. and 3 notches on E. edges; and raise a mound of stone covered with earth, 4 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land mountainous

Soil, 4th rate

No timber

Undergrowth, 80.00 chs. dense chaparral

Mountainous land 80.00 chs.

-----

- 40.00 East on a random line bet. secs. 10 and 15  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.20 Intersect N. and S. line at the cor. of secs. 10, 11, 14 & 15.  
 July 24: At this cor. I set off  $19^{\circ} 55'$  on the decl. arc; and at 0h, 6m. 13.5s. P. M., l.m.t., observe the sun on the meridian; the resulting lat. is  $34^{\circ} 38'$   
 Thence I run

Subdivisions of T. 6 N., R. 14 W., S. B. M.

West on a true line bet. secs. 10 and 15  
Through dense brush; ascend abruptly.

- 8.17 Top of spur bears N. 250 ft. adobe sec. cor. Descend  
12.20 Cross gulch 20 lks. wide, course N. 100 ft. below spur  
Ascend  
16.10 Top of spur bears N. 100 ft. above gulch; descend  
25.70 Cross gulch 16 lks. wide, course N. 200 ft. below spur  
Ascend  
30.08 Top of spur bears N. 80 ft. above gulch; descend  
35.16 Cross gulch 20 lks. wide, course N. 150 ft. below spur  
Ascend abruptly.  
40.10 The point for  $\frac{1}{4}$  sec. cor. falls on steep sliding ground unsuitable  
for a permanent cor. I continue to  
41.15 Set a granite stone 14 x 10 x 4 ins. 10 ins. in the ground for witness  
cor. to  $\frac{1}{4}$  sec. cor. marked W. C.  $\frac{1}{4}$  on N. face; and raise a mound of  
stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
This witness cor. is 105 lks. W. of the true point for  $\frac{1}{4}$  sec. cor.  
42.20 Top of spur bears N. 250 ft. above gulch; descend  
59.60 Cross gulch 10 lks. wide, course N. 400 ft. below spur  
Ascend  
62.10 Cross point of spur bears N. 40 ft. above gulch  
64.00 Cross gulch 8 lks. wide, course N. E. Ascend  
74.00 Top of small spur bears S.E. Descend  
75.00 Cross ravine 10 lks. wide, course S. E. Ascend  
79.00 Top of ridge bears N. and S. Descend  
80.20 The cor. of secs. 9, 10, 15 and 16.

Land, mountainous

Soil, 3rd rate

No timber

Undergrowth 80.00 chs. of dense chaparral

Mountainous land, 80.20 chs.

July 24, 1901

-----  
July 25: At 7h. 56m. A. M. 1.m.t. I set off  $34^{\circ} 38'$  on the lat. arc;  
 $19^{\circ} 44.5'$  on the decl. arc; and determine a true meridian with the  
solar at the cor. of secs. 9, 10, 15 and 16.

Thence I run

N.  $0^{\circ} 2'$  W. on a true line bet. secs. 9 and 10

Note: I make this a true line since I know a closing cor. for secs.  
9 and 10 will have to be set.

Through low brush; ascend

- 2.85 Top of edge bears N.  $80^{\circ}$  W. and S.  $20^{\circ}$  E. Descend  
18.25 Cross dry gulch 20 lks. wide, course E.  
19.40 Begin steep ascent from gulch  
26.00 Spur bears E. 200 ft. above gulch  
Descend along East slope of ridge



Subdivisions of T. 6 N., R. 14 W., S. B. M.

- 29.35 Enter dense oak brush bears E. and W. 40.00 chs. the point for  $\frac{1}{4}$  sec. cor. falling on ground unsuitable for a permanent monument. at
- 38.36 Set a granite stone 14 x 6 x 6 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor. marked W. C.  $\frac{1}{4}$  on N. face and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base, 2 ft. high W. of cor.
- 40.00 The true point for  $\frac{1}{4}$  sec. cor.  
Thence descending over steep N. slope of mountain
- 75.50 Leave brush bears E. and W.
- 79.20 Intersect S. bdy. of sec. 3, 5, 38 chs. N.  $89^{\circ}$  E. from old cor. of secs. 3, 4, 9 and 10.

Set a granite stone 16 x 12 x 8 ins. 12 ins. in the ground for closing cor. of secs. 9 and 10 marked C. C. on S. with 3 grooves on E. and W. faces; and raise a mound of stone 4 ft. base, 2 ft. high S. of cor.

Pits impracticable.

Note: Preliminary to setting this closing cor. I re-ran the line bet. secs. 3 and 10 and obtain the true bearing of said line.

Land mountainous

Soil, 3rd rate

No timber

Undergrowth 79.20 chs. dense chaparral

Mountainous land 79.20 chs.

July 25, 1901

-----

July 16: At 7h 28 m. l.m.t., I set off  $34^{\circ}$  34.5' on the lat. arc;  $21^{\circ}$  27' on the decl. arc. and determine a true meridian with the solar at the Standard cor. of secs. 32 and 33 on the S. bdy. of the Tp.

Thence I run

N.  $0^{\circ}$  2' W. bet. secs. 32 and 33

Through dense brush; ascend.

- 10.00 Summit of divide bet. Boquet Canon and Santa Clara River bears E. and W. Descend rapidly.
- 40.00 Set a porphyry stone 16 x 10 x 8 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; and raise a mound of stone  $3\frac{1}{2}$  ft. base, 2 ft. high W. of cor.  
Continue to descend N. slope of mountain
- 80.00 Set a quartz stone 18 x 8 x 8 ins. 12 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked with 1 notch on S. and 4 notches on E. edges; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high W. of cor.

Land mountainous

Soil, 4th rate

No timber

Undergrowth, 80.00 chs. dense chaparral

Mountainous land 80.00 chs.

-----

A flag at the cor. of secs. 27, 28, 33 and 34 being plainly visible, I run for said sec. cor.

N.  $89^{\circ}$  50' E. on a random line bet. secs. 28 and 33

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

- 80.12 Intersect N. and S. line at the cor. of secs. 27, 28, 33 and 34.

Thence I run

Subdivision of T. 6 N., R. 14 W., S. B. M.

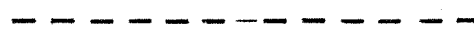
S.  $89^{\circ} 50'$  W. on a true line bet. secs. 28 and 33  
Through brush; ascend.

- 10.00 Spur bears N. 200 ft. above sec. cor. Descend  
19.50 Gulch 20 lks. wide, course N. 200 ft. below spur; ascend  
30.00 Spur bears N. Descend
- 40.06 Set a Feldspur stone 18 x 10 x 8 ins. 14 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base, 2 ft. high N. of cor.
- July 16: At this  $\frac{1}{4}$  sec. cor. I set off  $21^{\circ} 24'$  on the decl. arc; and at Oh, 5m. 44.7 s. P. M., l.m.t. observe the sun on the meridian; the resulting lat. is  $34^{\circ} 34'$ .
- 57.92 Trail bears N. and S.  
60.00 Cross gulch 20 lks. wide, course N. 400 ft. below spur; Ascend  
80.12 The cor. of secs. 28, 29, 32 and 33.
- Land mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 80.00 chs. dense chaparral  
Mountainous land, 80.00 chs.
- 
- N.  $0^{\circ} 2'$  W. bet. secs. 28 and 29.  
Through dense brush; descend  
Over N. slope of mountain
- 40.00 Set a sandstone 16 x 14 x 9 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 43.23 Enter Boquet Canon, course W.  
Leave brush bears E. and W.  
Wire fence bears E. and W.
- 43.50 Center of deep wash 8 ft. deep 50 lks. wide, course W.  
Ascend
- 44.50 Mrs. Burrell's dwelling house bears W. about 175 lks. dist.
- 48.00 William Sear's dwelling house bears W. about 15 chs. dist.
- 49.75 Wire fence bears E. and W.
- 49.90 Road from Boquet Canon to Palmdale bears E. and W.
- 52.50 Summit of low spur bears W. Descend
- 61.25 Cross gully 8 lks. wide, course S.  $40^{\circ}$  W.  
Ascend gradually
- 66.50 Old wagon road bears E. and W.
- 70.50 Road bears E. and W.
- 80.00 Set a granite stone 18 x 10 x 6 ins. 14 ins. in the ground for cor. of secs. 20, 21, 28 and 29 marked with 2 notches on S. and 4 notches on E. edges; and raise a mound of stone covered with earth 4 ft. base 2 ft. high W. of cor.  
Deputy Narboe's cor. for secs. 20, 21, 28 and 29 bears S.  $69^{\circ} 05'$  W. 6.79 chs. dist.  
I destroy this cor.  
Land, mountainous and rolling.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

Soil, 1st rate in Canon and 4th rate on mountain  
 Timber, a few scattering live oak in Boquet Canon  
 Undergrowth, 43.23 chs. dense chaparral  
 Mountainous land 43.23 chs.  
 Rolling land 36.77 chs.

July 16, 1901.



N. 89° 50' E. on a random line bet. secs. 21 and 28.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line 23 lks. N. of cor. of secs. 21, 22, 27 and 28.  
 Thence I run  
 West, on a true line bet. secs. 21 and 28.  
 Through dense brush; descend
- 4.00 Foot of spur bears N. and S.  
 Enter Boquet Canon  
 Leave brush bears N. and S.
- 8.00 Foot of spur bears N. and S.  
 Enter dense brush; ascend
- 11.40 Summit of spur bears S.  
 The N. E. cor. of Mrs. Michel's dwelling bears S. 27° W. about 15 chs. The E. end of the shed bears S. 36° W. about 15 chs.  
 Descend.
- 12.50 Foot of spur bears N. and S.  
 Enter Boquet Canon  
 Leave brush bears N. and S.
- 16.00 Trail bears N. and S.
- 17.50 Cross gully 9 lks. wide, course S. 40° W. Ascend
- 32.32 Wire fence bears N. and S.
- 34.75 Enter brush at foot of spur bears N. and S. Ascend
- 38.11 Road on summit of low spur bears N. 30° E. and S. 30° W.  
 Descend
- 40.00 Set a granite stone 12 x 10 x 10 ins. 10 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face, and raise a mound of stone covered with earth 4 ft. base, 2 ft. high N. of cor.  
 Thence descend over broken ground falling S. Westerly
- 46.50 Cross gully 4 ft. deep 6 lks. wide, course S. W.
- 49.75 Road bears NE. and SW.
- 50.25 Wire fence bears N. and S.  
 Leave brush bears N. and S.
- 67.65 J. C. Nimmo's dwelling house bears S. 43° E.  
 Small orchard W. of house
- 80.00 The cor. of secs. 20, 21, 28 and 29.

Land mountainous and broken  
 Soil, 1st and 2nd rates  
 Timber, a few scattering live oak in Boquet Canon  
 Undergrowth 24.00 chs. dense chaparral  
 Mountainous land, 13.75 chs.  
 Broken Canada 66.25 chs.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

From the cor. of secs. 20, 21, 28 and 29, William Sears' adobe building bears S.  $36\frac{1}{2}^{\circ}$  W.

Milton Sears' dwelling house bears S.  $50^{\circ}$  W.

J. C. Nimmo's dwelling house bears S.  $62\frac{1}{2}^{\circ}$  E.

Thence I run

N.  $0^{\circ}2'$  W. bet. secs. 20 and 21.

Through low sage brush. Ascend

- 9.20 Cross dry wash 2 ft. deep, 16 lks. wide, course S.  $60^{\circ}$  W.
- 18.40 Enter heavy chaparral brush bears E. Ascend rapidly
- 26.90 Cross gulch 30 ft. deep 10 lks. wide, a bottom course S.  $30^{\circ}$  W.
- 40.00 Set a granite stone 16 x 12 x 5 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, and dig pits 18 x 18 x 12 ins. N. & S. of stone 4 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high W. of cor.
- 43.78 Summit of spur bears S.  $60^{\circ}$  W. Descend to
- 49.00 Cross head of gulch 15 lks. wide, course W. 50 ft. below spur. Ascend
- 62.56 Top of spur bears S. W. Descend
- 70.00 Enter deep gulch 15 lks. wide, course S.  $20^{\circ}$  W. Thence up gulch
- 75.50 Leave gulch coming from N.  $30^{\circ}$  E
- 80.00 Set a granite stone 14 x 12 x 5 ins. 10 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; and raise a mound of stone covered with earth 4 ft. base, (2 ft. base), 2 ft. high W. of cor.

Land, rough, brushy mountains

Soil, 3rd rate. No timber

Undergrowth 18.40 chs. low sage and 61.60 chs. dense chaparral  
Mountainous land 80.00 chs.

-----  
July 17: At 3h, 6m. P. M., 1. m. t., I set off  $34^{\circ} 37'$  on the lat. arc;  $21^{\circ} 13'$  on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 16, 17, 20 and 21.

Thence I run

East on a random line bet. secs. 16 and 21.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line 14 lks. N. of the true point for cor. of secs. 15, 16, 21 and 22.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

N.  $89^{\circ}54'$  W. on a true line bet. secs. 16 and 21.  
Through dense brush; ascend abruptly.

- 12.60 Summit of ridge bears N.  $20^{\circ}$  E. and S.  $20^{\circ}$  W. 200 ft. above sec. cor. Descend abruptly over a succession of small spurs and gulches bearing S. W.
- 13.00 Enter low brush
- 31.00 Bottom of deep gulch 20 lks. wide, course S.  $30^{\circ}$  W. 500 ft. below ridge; ascend abruptly.
- 32.50 Top of spur bears S.  $30^{\circ}$  W. 100 ft. above gulch, ascend
- 34.75 Gulch 20 lks. wide, course S.  $30^{\circ}$  W. 100 ft. below spur, Ascend abruptly to
- 40.00 Set a granite stone 15 x 10 x 4 ins. 10 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high N. of cor.
- 44.58 Spur bears S. 300 ft. above gulch;  
William Sears' adobe house bears S.  $27^{\circ}38'$  W. Descend
- 53.00 Cross gulch 20 lks. wide, course S. 200 ft. below spur;  
Ascend.
- 72.80 Top of ridge bears N. and S. 300 ft. above gulch  
Descend
- 80.00 The cor. of secs. 16, 17, 20 and 21

Land mountainous, Soil 3rd rate. No timber.  
Undergrowth 80.00 chs. of chaparral  
Mountainous land, 80.00 chains.

July 17, 1901

-----  
July 26: At 7h. 18m. A. M., l.m.t., I set off  $34^{\circ}37'$  on the lat. arc;  $19^{\circ}32'$  on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 16, 17, 20 and 21.

Thence I run  
N.  $0^{\circ}2'$  W. on a true line bet. secs. 16 and 17  
Through dense brush  
Ascend rapidly

- 4.41 Summit of high ridge bears E. and S.  $80^{\circ}$  W.  
Leave brush; over ground from which the brush has been burned;  
Descend abruptly.
- 18.50 Cross Canon 65 lks. wide.  
Stream of water 4 lks. wide, course W. 500 ft. below ridge.  
Ascend rapidly.
- 40.00 Set a granite stone 18 x 6 x 5 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 4 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Cor. of S. slope of ridge.
- 50.00 Top of point of spur 450 ft. above Canon bears S.  $40^{\circ}$  W.  
Thence ascend along W. slope of spur
- 56.50 Cross head of gulch 20 lks. wide 100 ft. below spur, course W.
- 71.50 Top of ridge 600 ft. above canon, bears E. and W.  
Descend.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

- 80.00 Set a granite stone 18 x 10 x 6 ins. 12 ins. in the ground for cor. of secs. 8, 9, 16 and 17 marked with 4 notches on E. and S. edges; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, S. W. of cor.
- Impracticable to place mound W. of cor. Cor. in head of sag. on ridge, course W.
- Land, mountainous. Soil, 3rd rate. No timber.  
Undergrowth 4.41 chs. dense chaparral.  
Mountainous land 80.00 chs.
- 
- 40.00 S.  $89^{\circ} 54'$  E. on a random line bet. secs. 9 and 16.  
79.90 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line 14 lks. S. of the cor. of secs. 9, 10, 15 and 16
- July 26: At this cor. I set off  $19^{\circ} 29'$  on the decl. arc and at 0h, 6m. 17s. P. M., l.m.t., observe the sun on the meridian; the resulting lat. is  $34^{\circ} 38'$   
Thence I run  
West on a true line bet. secs. 9 and 16  
Through low brush; descend
- 8.20 Cross gulch 10 lks. wide, 50 ft. below sec. cor. course S.  
Ascend.
- 12.40 Spur bears S. 50 ft. above gulch. Descend
- 17.40 Cross gulch 15 lks. wide, 50 ft. below spur, course S.  
Ascend.
- 22.30 Top of spur 100 ft. above gulch, bears S. Descend
- 39.95 Set a granite stone 16 x 9 x 8 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth  $3\frac{1}{2}$  ft. base, 2 ft. high N. of cor.
- 44.25 Cross gulch 5 lks. wide, 400 ft. below spur, course S.  $30^{\circ}$  E.  
Ascend.
- 46.42 Top of spur bears S.  $30^{\circ}$  E. Descend
- 50.40 Cross gulch 20 lks. wide, 80 ft. below spur, course S.  
Ascend
- 67.20 Top of ridge bears N. E. and S. W. Descend rapidly to  
79.90 The cor. of secs. 8, 9, 16 and 17.
- Land mountainous  
Soil, 3rd rate.  
No timber  
Undergrowth 79.90 chs. of Chaparral  
Mountainous land 79.90 chs.
-

Subdivisions of T. 6 N., R. 14 W., S. B. M.

Knowing that a closing cor. for secs. 8 and 9 will have to be set I make the line bet. secs. 8 and 9 a true line.  
N.  $0^{\circ} 2'$  W. bet. secs. 8 and 9  
Through low brush; ascend  
Along W. slope of ridge

- 5.10 Top of ridge 20 ft. above sec. cor. bears E. and W.  
Descend rapidly.
- 20.00 Cross gulch 15 lks. wide, 200 ft. below ridge course N. W.  
Ascend.
- 25.00 Summit of spur 60 ft. above gulch, bears N. W.  
Descend
- 26.25 Cross Canon 30 lks. wide, 350 ft. below spur; course W.  
Ascend abruptly.
- 40.00 Set a granite stone 15 x 10 x 10 ins. 10 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered with earth 3 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 43.00 Spur bears N. W. 400 ft. above Canon; descend.
- 60.50 Cross Doud Canon 50 lks. wide, 400 ft. (400 ft.) below spur, course S.  $75^{\circ}$  W.; ascend
- 60.75 Trail to Doud's Ranch bears N.  $75^{\circ}$  E. and S.  $75^{\circ}$  W.
- 79.82 Intersect the S. bdy. of sec. 4, 5.37 chs. E. of the cor. of secs. 4 & 5.  
Set a granite stone 15 x 8 x 5 ins. 10 ins. in the ground for closing cor. of secs. 8 and 9, marked C. C. on S. with 2 grooves on W. and 4 grooves on E. faces; and raise a mound of stone covered with earth 4 ft. base,  $1\frac{1}{2}$  ft. high S. of cor.

July 26, 1901

Note: Preliminary to setting this closing cor., I run the line bet. Secs. 4 and 9 and obtain the true bearing.

Land, mountainous  
Soil, 3rd rate  
No timber  
Undergrowth, 79.82 chs. dense, low chaparral  
Mountainous land, 79.82 chs.

-----  
July 30: At 9h. 32m. A. M., l.m.t., I set off  $34^{\circ}39'$  on the lat. arc;  $18^{\circ} 35'$  on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 4 and 5.

Thence, I run  
East, on a random line on S. bdy. of sec. 4

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect E. bdy. of sec. 4, 57 lks. N. of cor. of secs. 3 and 4 described on page 9, Book 9 of Re-surveys.

Subdivisions T. S. N. R. 14 W., S. B. M.

As instructed, I set closing cor. for secs. 4 and 9. Set a granite stone 14 x 8 x 5 ins. 10 ins. in the ground for closing cor. of secs. 4 and 9 marked C. C. on W. face; with 5 grooves on S. and 1 groove on N. face; dig pits 24 x 18 x 12 ins. crosswise on each line N. and S. 4 ft. and W. of stone 6 ft. dist. and raise a mound of earth 4 ft. base, 1½ ft. high W. of cor. The cor. of secs. 3 and 4 now becomes S. W. cor. of secs. 3 only.

I obliterate the N. W. pit; leaving the cor. otherwise as first set. Thence, I run West, on a true line on S. bdy. of sec. 4 Through brush; ascend

- 2.50 Top of spur bears N.
- 4.00 Leave brush bears N. and S.  
Descend along N. slope of ridge
- 6.50 Foot of ridge and enter sag bearing N. E.
- 10.00 Foot of descent in sag bears N. E. and S. W. Ascend.
- 14.60 Enter dense brush bears N. E. and S. W.
- 16.50 Cross point of low spur bears N. Descend.
- 18.60 Cross gully 10 lks. wide at base of spur, course N.  
Leave brush; Ascend
- 34.50 Enter brush bears N. and S.
- 40.00 The point for ¼ sec. cor. falls on steep sliding east face of spur on which it is not practicable to build a corner
- 40.20 Set a post 3 ft. long, 4 ins. sq. with marked stone 24 ins. in the ground for witness cor. to ¼ sec. cor. marked W. C. ¼ S. on N. face; dig pits 18 x 18 x 12 ins. E. and W. of post 4 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor. This witness cor. is 20 lks. W. of the true point for ¼ sec. cor. Cor. on top of small spur bears S. E. Thence ascending along S. slope of ridge
- 52.50 Top of ridge bears N. 20° W. and S. 20° E. Descend
- 80.00 The cor. of secs. 4 and 5.

Land, mountainous  
Soil, 2nd and 3rd rates  
No timber  
Undergrowth 69.40 chs. dense chaparral  
Mountainous land, 80.00 chs.

July 30, 1901

-----  
From ¼ sec. cor. bet. secs. 4 and 5 described on page 8 book 9 of re-surveys of Subdivisions T. 6 N., R. 14 W.  
I run, South bet. secs. 4 and 5  
Through dense brush; descend

- 2.25 Cross gulch 12 lks. wide, 50 ft. below ¼ sec. cor. course N. E.  
Ascend
- 4.00 Spur 40 ft. above gulch bears N. E. Descend



Subdivisions T. 6 N., R. 14 W., S. B. M.

- 5.10 Cross gulch 8 lks. wide, course N. E. Ascend
- 24.10 Summit of ridge 600 ft. above gulch bears E. and W.  
Descend
- 39.20 Intersect temp. post on line bet. secs. 5 and 8 (previously run)  
At point of intersection I set a Granite stone 12 x 8 x 6 ins. 8  
ins. in the ground for cor. of secs. 4 and 5 marked with 4 notches  
on E. edges and raise a mound of stone covered with earth 5 ft.  
base, 2 ft. high N. of cor.
- Cor. on **very** steep ground sloping S.
- Note: I set cor. of secs. 4 and 5, only since I know a closing  
cor. for secs. 8 and 9 will be necessary.
- Land rough, brushy mountains  
Soil, 3rd rate  
No timber  
Undergrowth 39.20 chs. dense chaparral  
Mountainous land, 39.20 chs. July 29, 1901
- 
- July 18: At 7h.12m. A. M., l.m.t., I set off  $34^{\circ}34.5'$  on the lat.  
arc;  $21^{\circ}7'$  on the decl. arc; and determine with the solar at the  
Standard Cor. of secs. 31 and 32 on the S. bdy. of the Tp.  
Thence I run  
N.  $0^{\circ} 3'$  W. bet. secs. 31 and 32.  
Descend rapidly.
- 2.50 ~~Enter~~ dense brush bears E. and W.
- 19.50 Bottom of deep gulch 30 lks. wide 300 ft. below Standard Cor.  
Course N. W.  
Ascend abruptly
- 22.75 Top of spur 200 ft. above gulch, bears N. W. Descend
- 40.00 Set a Porphyry stone 20 x 8 x 6 ins. 15 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on W. face, and raise a mound of stone covered  
with earth 4 ft. base, 2 ft. high W. of cor.
- 46.00 Enter Canon.
- 47.50 Cross stream 5 lks. wide in Boquet Canon 500 ft. below spur;  
Course S.  $65^{\circ}$  W.
- 48.50 Cross road leading to Palmdale and Newhall bears N.  $60^{\circ}$  E. and  
S.  $60^{\circ}$  W. and ascend abruptly from Canon.
- 80.00 Set a granite stone 12 x 8 x 6 ins. 8 ins. in the ground for cor. of  
secs. 29, 30, 31 and 32 marked with 1 notch on S. and 5 notches on  
E. edges; and raise a mound of stone covered with earth  $4\frac{1}{2}$  ft.  
base, 2 ft. high W. of cor.
- Land, mountainous and broken  
Soil, 2nd rate  
Timber, a few scattering live oak in Boquet Canon  
Undergrowth 77.50 chs. dense chaparral  
Mountainous land 77.50 chs.  
Broken land. 2.50 chs.
-

Subdivisions of T. 6 N., R. 14 W., S. B. M.

A Flag at the cor. of secs. 28, 29, 32 and 33 (previously set by me) being plainly visible, I run for said Cor.  
S. 89° 55' E. on a random line bet. secs. 29 and 32.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line at the cor. of secs. 28, 29, 32 and 33  
July 18: At this cor. I set off 21° 4' on the decl. arc; and at Oh. 5m. 5.6 s. P. M., l.m.t., observe the sun on the meridian; the resulting lat. is 34° 35'.  
Thence, I run  
N. 89° 55' W. on a true line bet. secs. 29 and 32.  
Through dense brush; descend along N. slope of mountain
- 25.00 Cross gulch 20 lks. wide, 200 ft. below sec. cor. course N.W.  
Ascend
- 30.00 Spur bears N. W. Descend
- 40.00 The point for  $\frac{1}{4}$  sec. cor. falls on rock in place 8 x 6 x 4 ft. above ground on which I  
Cut a cross (X) at exact cor. point for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  under cross; and raise a mound of stone 4 ft. base, 2 ft. high N. of cor.  
Pits impracticable.
- 47.40 Leave brush bears N. and S.
- 52.90 Enter Boquet Canon, course S. 20° W.
- 56.00 Cross dry wash of Creek 50 lks. wide, course S.
- 57.20 Road leading to Newhall and Palmdale bears N. and S.
- 58.00 Enter brush bears N. and S.; leave canon and ascend abruptly
- 80.00 The cor. of secs. 29, 30, 31 and 32  
Land mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 69.40 chs. dense chaparral  
Mountainous land, 80.00 chs.  
West on a random line bet. secs. 30 and 31.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 81.95 Intersect W. bdy. of the Tp. at the cor. of secs. 25, 30, 31 and 36.  
Thence I run  
East, on a true line bet. secs. 30 and 31  
Through dense brush, ascend
- 26.40 Spur bears S.; descend
- 39.95 Cross gulch 20 lks. wide, 300 ft. below spur; course S. E.  
Ascend
- 41.95 Set a Mica Schist stone 20 x 10 x 6 ins. 15 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
395  
Pits impracticable.
- 45.90 Top of spur 200 ft. above gulch bears S.; descend
- 56.80 Cross gulch 15 lks. wide, 300 ft. below spur, Course S.W. Ascend

Subdivisions of T. 6 N., R. 14 W., S. B. M.

- 68.45 Top of spur 100 ft. above gulch bears S. W.  
Descend
- 81.95 The cor. of secs. 29, 30, 31 and 32, 250 ft. below spur  
Land, rough mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 81.95 chs. dense chaparral  
Mountainous land, 81.95 chs. July 18 and 20, 1901
- 
- July 22: At 8h. A. M. l.m.t., I set off  $34^{\circ} 35'$  on the lat. arc,  
 $20^{\circ} 21'$  on the decl. arc; and determine a true meridian with the  
solar at the cor. of secs. 29, 30, 31 and 32.  
Thence I run  
N.  $0^{\circ} 3'$  W. bet. secs. 29 and 30  
Through dense brush; ascend
- 6.80 Enter low brush bears E. and W.
- 8.00 Top of spur bears E. 40 ft. above sec. cor.  
Descend
- 13.60 Cross gulch 15 lks. wide, 200 ft. below spur course E.  
Ascend abruptly
- 16.80 Top of spur 80 ft. above gulch bears E. descend
- 19.80 Cross gulch 10 lks. wide, 80 ft. below spur, course E. ascend
- 22.50 Top of spur 150 ft. above gulch bears E. descend
- 34.50 Gulch 14 lks. wide, course N.  $40^{\circ}$  E. Ascend
- 37.00 Spur bears N. E. Descend
- 40.00 Set a granite stone 17 x 9 x 7 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor., marked  $\frac{1}{4}$  on W. face; and raise a mound of stone covered with  
earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 41.40 Cross gulch 15 lks. wide, course N.  $70^{\circ}$  E., Ascend
- 43.40 Spur bears N.  $80^{\circ}$  E.  
Thence descending over a succession of small spurs and gulches  
bearing N.  $80^{\circ}$  E.
- 57.50 Leave brush bears E. and W.
- 59.75 Enter dry wash in swale, course E.
- 60.30 Leave wash
- 61.25 Leave swale and ascend spur  
Enter brush bears E. and W.
- 69.25 Top of spur bears E. Descend
- 72.25 Leave brush bears E. and W.
- 72.50 Cross gulch 20 lks. wide, course E. Ascend
- 74.50 Cross point of spur bears E. Descend
- 75.25 Cross gulch 8 lks. wide, course S.  $60^{\circ}$  E; ascend
- 80.00 Set a sandstone 15 x 8 x 5 ins. 10 ins. in the ground for cor. of  
secs. 19, 20, 29 and 30, marked with 2 notches on S. and 5 notches on E.  
edges; and raise a mound of stone covered with earth 4 ft. base,  $1\frac{1}{2}$   
ft. high W. of cor.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

Land mountainous  
 Soil, 3rd rate  
 No timber  
 Undergrowth 68.50 chs. of chaparral  
 Mountainous land, 80.00 chains

-----

- 40.00 S.  $89^{\circ} 55'$  E. on a random line bet. secs. 20 and 29  
 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line 12 lks. S. of cor. of secs. 20, 21, 28  
 and 29  
 Thence I run  
 West, on a true line bet. secs. 20 and 29  
 Over ground falling S.
- 1.50 Enter dense brush bears N. and S.
- 6.26 Wire fence bears N. and S.  
 Leave brush and enter cultivated ground bears N. and S.
- 19.75 Road leading from Mrs. Merrill's homestead to Palmdale bears N.&S.
- 19.85 Wire fence bears N. and S.  
 Enter orchard bears N. and S.
- 23.50 Mrs. Mamie Merrill's dwelling house bears N. about 5 chs.
- 24.25 Trail bears N. and S.
- 24.43 Wire fence bears N. and S. Leave orchard
- 26.00 Cross dry wash 60 lks. wide, course S. and ascend
- 28.43 Wire fence bears N. and S.
- 30.00 Enter heavy brush bears N. and S.
- 40.00 To a point on S. slope of spur  
 Set a sandstone 20 x 12 x 4 ins. 16 ins. in the ground for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face, and raise a mound of stone, covered with  
 earth, 4 ft. base,  $1\frac{1}{2}$  ft. high N. of cor. The  $\frac{1}{4}$  sec. cor. set by  
 Deputy Narboe bears S.  $67^{\circ} 46'$  W. 6.91 chs. dist. I destroy this  
 cor.  
 William Sears' Barn bears S.  $43^{\circ} 10'$  E. about 36 chs.  
 A spring bears S.  $44^{\circ} 25'$  E. about 34.00 chs. dist.
- July 22: At this cor. I set off  $20^{\circ} 19'$  on the decl. arc; and at  
 Oh. 6m. 11s. P.M., l.m.t., observe the sun on the meridian; the  
 resulting lat. is  $34^{\circ} 36'$
- 53.00 Spur bears S; descend
- 55.00 Cross gulch 10 lks. wide, 50 ft. below spur, course S.  
 Ascend
- 57.15 Top of spur 70 ft. above gulch, bears S.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

Milton Sears' dwelling house bears S. 24° 40' E. about 40 chs.  
William Sears' adobe house bears S. 63° E.

- 68.50 Cross gulch 10 lks. wide, 80 ft. below spur, course S.  
Ascend
- 70.00 Top of spur 80 ft. above gulch, bears S; descend
- 78.00 Leave brush and enter burned opening bears N. and S.
- 80.00 The cor. of secs. 19, 20, 29 and 30.
- Land mountainous, and broken  
Soil, 2nd rate  
No timber  
Undergrowth 52.76 chs. dense chaparral  
Mountainous land, 56.26 chs.  
Broken land 23.74 chs.
- West on a random line bet. secs. 19 and 30.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 81.90 Intersect W. bdy. of the Tp. at the cor. of secs. 19, 24, 25 & 30  
described in notes of exteriors.  
Thence I run  
East on a true line bet. secs. 19 and 30  
Through brush; ascend
- 12.30 Top of spur 80 ft. above sec. cor. bears N; descend
- 17.40 Cross gulch 8 lks. wide, 100 ft. below spur, course N. 20° E.  
Ascend
- 22.40 Top of ascent bears N. and S. Descend
- 28.90 Cross gully 6 lks. wide, 50 ft. below ascent course N;  
Thence  
Ascending N. slope of ridge
- 31.90 Top of ascent bears N. and S. 50 ft. above gully  
Descend
- 37.90 Cross gulch 9 lks. wide, 40 ft. below ascent, course N.  
Ascend along N. slope
- 41.90 Set a sandstone 14 x 8 x 8 ins. 10 ins. in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with earth  
 $3\frac{1}{2}$  ft. base, 2 ft. high N. of cor.
- 42.65 Cross gully 10 ft. deep, 6 lks. wide, course N. 20° W.
- 67.40 Cross gully 15 ft. deep 10 lks. wide, course N. W.
- 76.30 Top of ridge bears N. 20° E. and S. 20° W.; descend
- 80.90 Cross gully 5 lks. wide, 40 ft. below ridge course S.  
Ascend
- 81.90 To cor. of secs. 19, 20, 29 and 30
- Land mountainous  
Soil, 3rd rate  
No timber  
Undergrowth, clumps of chaparral  
Mountainous land, 81.90 chs.

July 22, 1901.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

July 23: At 7h. A. M., l.m.t., I set off  $34^{\circ}36'$  on the lat. arc,  $20^{\circ}10'$  on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 19, 20, 29 and 30.

Thence I run

N.  $0^{\circ}3'$  W. bet. secs. 19 and 20. Descend

- .35 Cross gully 10 lks. wide, 10 ft. below cor. course S.  $60^{\circ}$  W.  
Ascend
- 12.50 Top of ridge 200 ft. above sec. cor. bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.  
Descend
- 22.20 Cross gulch 20 lks. wide, 100 ft. below ridge, course S.  $60^{\circ}$  W. and  
Ascend
- 35.00 Top of ascent bears E. and W. 200 ft. above gulch  
Descend
- 37.20 Cross gulch 60 lks. wide 50 ft. below ascent; course S.  $60^{\circ}$  W.  
Ascend abruptly.
- 37.62 Foot of steep, rocky bluff bears E. and W. the ground in advance  
being too steep and rough for the chain  
At this point I  
Set a granite stone 16 x 9 x 7 ins. in a mound of stone  $2\frac{1}{2}$  ft. base,  
 $1\frac{1}{2}$  ft. high for witness cor. to  $\frac{1}{4}$  sec. cor. marked W. C.  $\frac{1}{4}$  on W.  
face; and raise a mound of stone  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Impracticable to sink stone or dig pits.  
This witness  $\frac{1}{4}$  sec. cor. is 2.38 chs. S.  $0^{\circ}3'$  E. of the true point  
for  $\frac{1}{4}$  sec. cor.  
To pass the steep ground  
I offset as follows:  
East, 5.00 chs.  
N.  $0^{\circ}3'$  W. 2.38 chs. to point 5 chs. E. of
- 40.00 The point for  $\frac{1}{4}$  sec. cor. on very steep ground  
I continue on offset line  
Ascend abruptly over South slope of high mountain
- 62.00 Counting from sec. cor.  
Top of high ridge 800 ft. above last gulch bears E. and W.  
Enter brush bears E. and W.  
Descend rapidly  
42.38 chs.; then on offset  
West 4.00 chs. to a point for W. C. 1.00 ch. E. of
- 80.00 The point for cor. of secs. 17, 18, 19 and 20; the point for cor.  
falling on ground unsuitable for a permanent monument at this  
point I  
Set a granite stone 16 x 12 x 10 ins. 14 ins. in the ground for wit-  
ness cor. to cor. of secs. 17, 18, 19 and 20 marked W. C. on the N.E.  
face; with 3 notches on S. and 5 notches on E. edges; and raise a  
mound of stone covered with earth 4 ft. base, 2 ft. high W. of cor.  
Pits impracticable
- Land, mountainous. Soil, 4th rate. No timber.  
Undergrowth, 18.00 chs. chaparral.  
Mountainous land 80.00 chs.
-

Subdivisions of T. 6 N., R. 14 W., S. B. M.

From the true point for cor. of secs. 17, 18, 19 and 20, I run East on a random line bet. secs. 17 and 20

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line at the corner of secs. 16, 17, 20 and 21. Thence, I run West on a true line bet. secs. 17 and 20 Through dense brush; ascend rapidly
- 5.75 Top of ridge 100 ft. above sec. cor. bears N. E. and S. W. Descend abruptly to
- 27.00 Enter Canon 500 ft. below ridge, course S. 30° W.
- 29.50 Leave Canon; ascend rapidly
- 40.00 Set a granite stone 12 x 8 x 8 ins. 8 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face; dig pits 18 x 18 x 12 ins. 4 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Cor. on top of spur bears S. 30° E. Descend rapidly
- 45.00 Cross head of gully 8 lks. wide, course S. 30° E. Ascend
- 46.24 Trail bears N. 30° W. and S. 30° E.
- 48.00 Top of ridge bears N. and S. Thence along N. slope of mountain
- 57.50 Cross gulch 10 ft. deep 9 lks. wide, course N. Ascend
- 61.70 Spur bears N. Descend
- 67.00 Cross gulch 5 lks. wide 50 ft. below spur course N. Ascend
- 71.50 Top of ascent bears N. and S. Descend
- 77.00 Foot of descent and ascend
- 79.00 The witness cor. to cor. of secs. 17, 18, 19 and 20.
- 80.00 The true point for cor. of secs. 17, 18, 19 and 20.

Land, rough mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 80 chs. of chaparral  
Mountainous land 80.00 chs.

July 23: At the witness cor. to cor. of secs. 17, 18, 19 & 20, I set off 20° 7' on the decl. arc; and at Oh. 6m. 14s., P. M., l.m.t. Observe the sun on the meridian, the resulting lat. is 34° 37'

From true point for cor. of secs. 17, 18, 19 and 20, I run West on a random line bet. secs. 18 and 19.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 81.90 Intersect W. bdy. of the Tp. at the cor. of secs. 13, 18, 19 and 24 described in Notes of Exteriors Thence, I run

Subdivisions of T. 6 N., R. 14 W., S. B. M.

East on a true line bet. secs. 18 and 19.  
Through brush; descend along S. slope of mountain

- 2.50 Cross ravine 12 lks. wide, 25 ft. below sec. cor. course S.  
Ascend
- 3.50 Small spur 25 ft. above ravine bears S. and descend
- 5.00 Gulch 16 lks. wide, course S. Ascend abruptly
- 13.00 Top of ascent bears N. and S. Descend
- 19.00 Cross gulch 15 lks. wide, course S. Ascend
- 41.90 Set a granite stone 16 x 8 x 7 ins. 12 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered  
with earth 4 ft. base, 2 ft. high N. of cor.
- 43.50 Summit of high ridge bears N. 60° W. and S. 60° E.  
Descend abruptly along N. slope of ridge
- 81.90 The true point for cor. of secs. 17, 18, 19 and 20

Land, rough mountainous

Soil, 4th rate

No timber

Undergrowth 81.90 chs. chaparral

Mountainous land 81.90 chs.

July 23, 1901

-----

July 27: At the  $\frac{1}{4}$  sec. cor. bet. secs. 17 and 18 I set off 19°15'  
on the decl. arc; and at Oh, 6m. 17s. P. M., lm.t. observe the sun  
on the meridian; the resulting lat. is 34°37'

Knowing that a closing cor. for secs. 17 and 18 will have to be  
set at the intersection of this line with North boundary of Sec. 19,  
I make the S. half of line bet. secs. 17 and 18 a true line.

From the above  $\frac{1}{4}$  sec. cor. I run South on a true line bet. secs. 17  
& 18

Through brush; descend.

- 3.50 Cross deep wash 30 lks. wide, course W. ascend
- 6.50 Leave Canon and ascend
- 15.60 Top of spur bears N. 30° E. 150 ft. above Canon  
Descend to
- 26.00 Cross gulch 16 lks. wide 80 ft. below spur course N. 30° E.  
Ascend abruptly
- 40.70 Intersect N. bdy. of sec. 19, 5.61 chs. W. from true point for  
cor. of secs. 17, 18, 19 and 20

Set a granite stone 15 x 10 x 6 ins. 10 ins. in the ground for  
closing cor. of secs. 17 and 18, marked C. C. on N. face; with  
5 grooves on E. and 1 groove on W. faces; dig pits 24 x 18 x 12  
ins. crosswise of each line E. and W. 4 ft. and N. 6 ft. dist.  
and raise a mound of earth 4 ft. base, 1½ ft. high N. of cor.



Subdivisions T. 6 N., R. 14 W., S. B. M.

I change the witness cor. of secs. 17, 18, 19 and 20 to witness cor. of secs. 19 and 20 only by removing the notches from the S. edge of stone.

Land mountainous. Soil 3rd rate.  
Timber, some scattering live oaks in canon  
Undergrowth 40.70 chs. of chaparral  
Mountainous land 40.70 chs.

-----

From cor. of secs. 7, 8, 17 and 18, -- I run  
East, bet. secs. 8 and 17  
Through brush; ascend

- 9.00 Top of spur 200 ft. above sec. cor. bears N. W. descend
- 13.00 Cross gulch 12 lks. wide, 150 ft. below spur, course N. and  
Ascend
- 14.50 Top of spur bears N. Descend
- 17.50 Cross gulch 10 lks. wide, course N. ascend
- 27.00 Top of spur 300 ft. above gulch bears N. descend
- 35.25 Cross gulch 20 lks. wide 250 ft. below spur, course N.  
Ascend
- 40.00 Set a granite stone 24 x 6 x 5 ins. 18 ins. in the ground for  $\frac{1}{4}$  sec.  
cor., marked  $\frac{1}{4}$  on N. face; and raise a mound of stone covered with  
earth  $3\frac{1}{2}$  ft. base, 2 ft. high N. of cor.  
Thence I run  
East, on a random line bet. secs. 8 and 17
- 85.50 Counting from sec. cor.  
Intersect N. and S. line 86 lks. N. of the cor. of secs. 8, 9, 16 and  
17. As the falling is in excess of the prescribed limit, I set  
closing cor. for secs. 8 and 17 at point of intersection.  
Set a granite stone 18 x 8 x 6 ins. 12 ins. in the ground for closing  
cor. of secs. 8 and 17, marked C. C. on W. with 2 grooves on N. and 4  
grooves on S. faces; and raise a mound of stone covered with earth  
 $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. I change the cor. of secs. 8, 9,  
16 and 17 to cor. of secs. 9 and 16 only by removing the notches on  
E. edge of stone and cutting 2 notches on N. edge.  
Thence, I run  
West, on a true line bet. secs. 8 and 17  
Through low brush; descend
- 17.00 Cross gulch 10 lks. wide, 150 ft. below closing cor. course S. W.  
Ascend
- 43.50 Top of ridge bears N. and S. Descend to
- 45.50 The  $\frac{1}{4}$  sec. cor.

Subdivisions T. 6 N., R. 14 W., S. B. M.

Land, mountainous  
Soil, 3rd rate  
No timber  
Undergrowth 85.50 chs. of chaparral  
Mountainous land 85.50 chs.

July 27, 1901

-----  
By examination of the line bet. secs. 7 and 8 I find that the witness points reported set 20.00 chs. north and south of the cor.'s of secs. 7,8,17 and 18 and 5,6,7 & 8 respectively are missing.

July 29: At 7h.50m., A. M., l.m.t., I set off  $34^{\circ}38'$  on the lat. arc;  $18^{\circ}51'$  on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 7,8, 17 and 18.

Thence I run  
North bet. secs. 7 and 8.  
Descend

- 1.00 Enter Canon, course S. W.
- 3.75 Cross dry wash 20 lks. wide, course S. W. Ascend
- 4.00 Enter Orchard bears N. E. and S. W.
- 7.75 Leave Orchard bears E. and W.  
William Doud's dwelling house bears West about 2.50 chs.
- 8.50 Leave canon at base of spur bears N. E. and S. W.  
Enter brush bears E. and W. Ascend rapidly.
- 20.00 Set a granite stone 12 x 10 x 8 ins. in mound of stone  $3\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high for witness point marked W. P. on W. face; and raise a mound of stone  $3\frac{1}{2}$  ft. base, 2 ft. high W. of corner.  
Impracticable to sink stone or dig pits.  
Thence, I run  
North on a random line bet. secs. 7 and 8
- 40.00 Counting from sec. cor.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 78.74 Intersect E. and W. line at the cor. of secs. 5,6,7 and 8 which is an Elder post  $3\frac{1}{2}$  ins. sq., 2 ft. above ground; marked T.6 N.,R.14  
W. S. 5 on N. E.  
S. 8 on S.E.  
S. 7 on S. W. and  
S. 6 on N. W. faces

No trace of the Elder bearing tree could be found, I set a granite stone 14 x 8 x 6 ins. 10 ins. in the ground alongside the post marked with 5 notches on S. and E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5 ft. dist; and raise a mound of earth 5 ft. base,  $2\frac{1}{2}$  ft. high W. of cor.

Thence I run  
South on a true line bet. secs. 7 and 8  
Ascend gradually through sage brush

- 1.50 To base of hill bears N.  $70^{\circ}$  E. and S.  $40^{\circ}$  W; leave Canon  
Enter dense chaparral bears E. and W. Ascend rapidly.

Subdivisions T. 6 N., R. 14 W., S. B. M.

- 27.33 Top of ridge 600 ft. above Canon bears E. and W.  
Descend rapidly
- 39.37 The point for  $\frac{1}{4}$  sec. cor. falls on ground too steep to build a  
monument
- 40.00 Center of deep gulch 20 lks. wide, 400 ft. below ridge, course SE.  
Ascend abruptly.
- 41.50 Set a granite stone 16 x 10 x 6 ins. 12 ins. in the ground for wit-  
ness cor. to  $\frac{1}{4}$  sec. cor. marked W. C.  $\frac{1}{4}$  on W. face and raise a  
mound of stone covered with earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
This witness cor. to  $\frac{1}{4}$  sec. cor. is 2.13 chs. S. of the true point  
for cor.
- 46.50 Top of spur 250 ft. above gulch, bears S. E. descend
- 58.74 The witness point 20 chs. N. of the cor. of secs. 7, 8, 17 and 18.  
Land, rough mountains  
Soil, 3rd rate  
Timber, a few scattering live oak in Canon  
Undergrowth 68.74 chs. dense chaparral  
Mountainous land 78.74 chs. July 29, 1901

-----

July 29: At the  $\frac{1}{4}$  sec. cor. bet. secs. 5 and 8 I set off  $18^{\circ} 48'$   
on the decl. arc. and at Oh. 6m. 15s. P. M., l.m.t., observe the  
sun on the meridian; the resulting lat. is  $34^{\circ} 39'$   
Thence I run  
East, bet. secs. 5 and 8  
Through low brush; ascend

- 2.00 Top of ridge bears N. and S.  
Descend along S. slope of ridge
- 40.00 Set temp. post

Land mountainous. Soil, 3rd rate. No timber.  
Undergrowth, 40.00 chs. Chaparral  
Mountainous land 40.00 chs.

Note: The field notes of the line bet. secs. 4 and 5 and description  
of cor. of secs. 4, 5, established at the point of intersection of  
this line with the line bet. secs. 4 and 5 are found on page 37.  
July 29, 1901

-----

Aug. 1: At 8h. 4m., A. M., l.m.t., I set off  $34^{\circ} 39'$  on the lat. arc;  
 $18^{\circ} 07'$  on the decl. arc; and determine a true meridian with the solar  
at the  $\frac{1}{4}$  sec. cor. bet. secs. 6 and 7, which is an Elder post  $3\frac{1}{2}$   
ins. sq. 2 ft. above ground, firmly set and marked  $\frac{1}{4}$  S. on N. and S.  
faces, I  
Set a granite stone 16 x 8 x 6 ins. 12 ins. in the ground alongside of  
post; marked  $\frac{1}{4}$  on N. face; dig pits 18 x 18 x 12 ins. E. and W. of  
stone 4 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
N. of cor.  
Thence I run  
West on a random line bet. secs. 6 and 7.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

- 40.78 Intersect W. bdy. of the Tp. at the cor. of secs. 1, 6, 7 and 12 described in notes of Exteriors Page 7 (Book 10)  
Thence, I run  
East, on a true line bet. secs. 6 and 7  
Descend abruptly over rough, broken ground, through brush
- 35.00 Leave brush bears N. and S.
- 40.70 The  $\frac{1}{4}$  sec. cor. bet. secs. 6 and 7, 800 ft. below sec. cor.  
Land, mountainous  
Soil, 4th rate  
No timber  
Undergrowth 35.00 chs. of chaparral  
Mountainous land 40.78 chs.
- 
- August 1: At the cor. of secs. 5, 6, 7 and 8 I set off  $18^{\circ} 4'$  on the decl. arc; and at Oh. 6m. 8s. P. M., l.m.t., observe the sun of the meridian; the resulting lat. is  $34^{\circ} 39'$   
Thence I run  
North bet. secs. 5 and 6  
Descend through sage brush
- 3.60 Center of dry wash 70 lks. wide, course S. W.  
Ascend
- 5.50 Road leading from Fort Tejon to Newhall bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 17.50 Leave Canon course S.  $30^{\circ}$  W.  
Enter dense Chaparral bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.  
Ascend abruptly
- 20.00 I make careful search here for the witness point reported set and fail to discover any trace of it; I  
Set a granite stone 15 x 10 x 8 ins. 10 ins. in the ground for witness point, marked W. P. on W. face; and raise a mound of stone covered with earth 3 ft. base,  $3\frac{1}{2}$  ft. high W. of stone.  
Thence, I run  
North, on a random line bet. secs. 5 and 6
- 40.00 Counting from sec. cor.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 79.20 \* ~~Intersect~~ the N. bdy. of the Tp. at the cor. of secs. 5, 6, 31 and 32  
T. 7 N., R. 14 W. of this survey  
Thence, I run  
South on a true line bet. secs. 5 and 6  
Descend
- 4.50 Center of sag 100 lks. wide, course E. 50 ft. below sec. cor.  
Ascend abruptly
- 20.00 Top of spur 200 ft. above sag bears N.  $40^{\circ}$  W.  
Thence ascending along W. slope of same spur
- 27.40 Top of ridge 400 ft. above sec. cor. bears N.  $80^{\circ}$  E. and S.  $80^{\circ}$  W.  
Enter dense chaparral bears E. and W.  
Descend abruptly over S. slope.
- 30.20 The point for  $\frac{1}{4}$  sec. cor. falls on ground unsuitable for a permanent monument.

\* Described in notes of exteriors

Subdivisions T. 6 N., R. 14 W., S. B. M.

39.90 Set a granite stone 15 x 8 x 7 ins. 11 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor. marked W. C.  $\frac{1}{4}$  on W. face, and raise a mound of stone  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

This witness cor. to  $\frac{1}{4}$  sec. cor. is 70 lks. S. of the true point for cor.

44.20 Cross deep gulch 20 lks. wide, 500 ft. below ridge, course S.  $60^{\circ}$  E.  
Ascend abruptly.

48.50 Top of spur 200 ft. above gulch bears E.  
Descend abruptly.

59.20 The witness point 20 chs. N. of the cor. of secs. 5,6,7, & 8.

Land rough mountainous

Soil, 3rd rate

No timber

Undergrowth 51.80 chs. dense chaparral and sage

Mountainous land 79.20 chs.

August 1, 1901