

✓  
Sec 15 109

**CONTRACT 202**

*Copied*

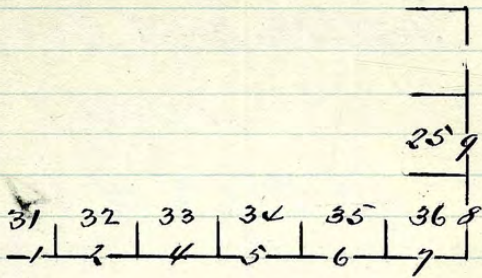
***South & East Boundary  
Lines  
T.20N.R.54E.***

*Compared*

*Sept 20  
21*

110

# Index





Survey commenced Sept 20<sup>th</sup> 1893  
with a Schuchly Engineers transit

at the Cor. to Sps. 19 & 20 N. R. 33 & 34 E.  
Lat.  $39^{\circ} 32' 08''$  N  $W$  Lon  $115^{\circ} 56' 21''$  W from  
Greenwich. I observe Polaris at  
8.30 p.m. by my watch which is  
correct by local mean time &  
find the magnetic bearing of the  
star to be  $15^{\circ} 26' E$ .

Astronomical time by watch  
Sept 20<sup>th</sup>

	<u>8.30</u>
Gal. time A.C. of Polaris Sept 15 <sup>th</sup>	13.38.7
reduction for 4 days	<u>15.7</u>
Local mean time A.C. of Polaris Sept. 19 <sup>th</sup>	13.23
which taken from the time of observation leaves hour angle of Polaris.	<u>19.07</u>

Azimuth of Polaris Lat $39.32$ .	1.34 E
North end of needle	<u>15.26 E</u>
The sum is the variation	17.00 E

20

176

S. 20 N. R. 34 E.

67.60	fence N & S. Enter Peter's meadow
69.80	road S.W.
72.00	in reservoir Creek 10 E. N.
73.00	ditch N ascend
75.00	enter flat bench
76.60	fence N.W. leave meadow
78.80	road N.W.
80.28	Cor. to Secs. 10, 16, 21, & 22.

Land rolling  
Soil sandy 1<sup>st</sup> & 2<sup>nd</sup> rat.  
No timber

---

N. 0° 3' W. bet. Secs. 10 & 16

bat 17° E

800	land level N.W.
830	road fence N.W. descend gently
980	" E & W.
1200	dry ditch E & W.
18.00	Creek 5 E. N.W. enter meadow
19.00	road N.W.
24.20	dry ditch N.W.
24.80	fence N.W. ascend
28.00	bluff of rock 10 ft. high
30.00	descend
32.00	road E & W. ascend



## T20 N. R. 04 E.

3640 fence E. & W. Peter's house bears  
S. 63° 20' E. about 18 chs.

38.00 descend into dense sage brush

40.00 Set a porphyry rock 14 x 12 x 10  
in mound of rock 2 ft high 4 ft base  
X for 1/4 sec cor. marked 1/4 ft on  
N. face. pits impracticable

43.00 road N. W. ascend

52.00 top of flat hill

61.00 descend

70.00 road N. W.

77.00 dry channel N. W. ascend

80.00 Set a limestone 18" x 12" x 8"  
12" in the ground for Cor to Secs  
9. 10. 10' E 16. marked with  
4 notches on S. & 3 on E. edges  
and pits 18 x 18 x 12 in each see  
1/2 ft dist raised mound of  
earth & rocks 2 ft high 4 1/2 ft  
base alongside

Land rolling thru sage brush 42.00  
Soil sandy and gravelly 1 ft. 2/3  
3rd rate No timber

## T20 N. R. 64 E.

N. 53<sup>rd</sup> Tr. bet. Secs. 9 & 10

Nov 1708

- Enter scattered scrub cedar
- 1330 dry channel to ascend
- 3300 descend from top of hill
- 4000 Set limestone  $2\frac{1}{2}$  ft  $\times$  10  $\times$  8 in  
mound of <sup>2 ft high</sup> rock <sub>14 ft base</sub> for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on the face. pits  
impracticable
- X
- 4300 enter level ground
- 4600 road N of W.
- 4770 creek 12 ft wide in belt of willows  
course N of W. ascend hill
- 5460 descend gently
- 6000 old road N W ascend in scattered  
pine & cedar.
- 8000 Set limestone  $1\frac{1}{2}$   $\times$  10  $\times$  8  $\times$  10 in  
the ground for cor to Secs.  
3 & 4, 9 & 10 marked with 5' notches  
on S. & 3 on E edges. dug pits  
18  $\times$  18  $\times$  12 in each sec.  $5\frac{1}{2}$  ft dist.  
raised mound of earth 2 ft high  
 $4\frac{1}{2}$  ft base alongside

Land rolling down Saz. level 800 ft.  
Soil sandy & gravelly  $1\frac{1}{2}$  ft  $\times$  2  
rate. Scattered cedar & pine



## T20 N. R. 5' E.

N03 W hsk sees 3 E &amp; W

Var 17° E

- descend gently in scrub cedar E & W to pine
- 940 dry channel N.W. land nearly level
- 2000 " " "
- 2220 " " "
- 3050 " " " ascend hill
- 3960 road S.W.
- 4000 Set a limestone 18 x 12 x 8, 12" in  
the ground for 1/4 sec cor marked W  
on W. face dug pits 18 x 18 x 12 W &  
S 1/2 ft dist. raised mound of  
earth 2 ft high 1 ft base along side
- 5170 descend very abruptly from ridge E & W
- 5215 line of old fence posts E & W.
- 5605 dry ditch W
- 6700 creek 8 ft. W. land level
- 5740 road W
- 5800 ascend gently
- 6900 brush fence E & W
- 7700 top of ridge E & W descend
- 8080 intersect L & H standard parallel  
North at a point 90 links W of  
Cor to sees 33 & 34. Set a  
limestone rock 16 x 12 x 10, 10" in  
the ground for closing <sup>to see 3</sup> corner <sup>land of</sup> marked  
C.C. on S with 3 notches on E. E. & W.

24

180

L. E. O. N. R. O. Y. E.

aug pits 24 x 16 x 12 3/4 ft E E W  
 at 7 1/2 ft. S of cor. Exposed  
 a mound of earth & stone  
 2 ft. high 1 1/2 ft. base along side

Canv rolling dense sagebrush 8080  
 soil sandy Red stony 1st. E 3rd  
 rate. Scattered cedar & nut pine

---

Sept 25<sup>th</sup> 1893



✓  
T 20 N R. 54 E.

S 89° 55' E on random line bet.  
secs. 17 & 20

Var 17° E

- 4.000 Set tem 1/4 sec. cor.  
80.08 intersect N. & S. line at a point  
2 links N of cor to secs. 16, 17  
20 & 21 thence E run.  
N 89° 54' W on true line bet secs  
17 & 20  
ascend gently in dense sage brush  
2.00 flat ridge  
6.00 descend "  
9.00 enter "Diamond Valley" low level  
95'0 dry channel N.W.  
23.20 old road S.W.  
24.60 " " " "  
26.70 road S.W. & N.E.  
27.60 fence " " enter meadow  
27.70 ditch S.W. along fence  
28.40 " " " "  
36.80 road N.W. & S.E.  
40.04 Set a pine post 37" dia 37 ft long  
12" in the ground for 1/4 sec cor.  
marked 1/4 on N face aug pits  
18 X 18 X 12 E. & W. 5 1/2 ft. dist. raised  
mound of earth 2 ft high 4 1/2 ft.  
Case around post.

50

1872

## T. 20 N. R. 04 E.

- 48.10 fence N. & S. leave meadow enter  
dense sage brush  
48.40 road N. & S.  
62.00 dry channel N. & W.  
66.50 old line of fence N. & S.  
67.00 dry channel S. & W.  
80.08 Cor to secs 17, 18, 19 & 20

Land rolling & chs  
Dense sagebrush 5908 chs  
Soil sandy 1st & 2nd rate  
No timber.

Sept. 20<sup>th</sup>  
1893

N. 89° 52' W. on random line  
bet. secs. 19 & 18

Cor. 170 E.

- 40.00 set tem 1/4 sec cor  
78.00 intersect W. line of Sp. at a point  
2 lks N. of Cor to secs 18, 19, 13  
Q. 24. thence I run  
589° 55' E. on true line bet secs  
18 & 19.

- Land level, dense sage brush  
38.00 set a pine post 3" dia 3 1/2 ft long 12"  
in the ground for 1/4 sec cor marked  
1/4 S on N. face dug pits 15 X 15 X 14



T. 20 N. R. 10 E.

E. & W. 6 1/2 ft. diam. raised mound of earth 1 1/2 ft. high 4 ft. base around post.

63.40

road N.E. & S.W.

78.00

cor. to Secs. 17, 18, 19 & 20

Land level dense sage brush 78 cbs.  
Soil sandy 1st rate  
No timber

N. 10 W. bet. Secs. 17 & 18

Top 16 1/2 ft. E.

Land level. Dense sage brush

14.00

dry channel W.

26.80

road S.W. & N.E.

28.00

dry channel N.W.

40.00

Set a pine post 3" x 4" x 4 ft long 12"

in the ground for 1/4 sec cor marked

1/4 c. on W. face aug pits 15 x 15 x 12"

N. & S. 6 1/2 ft. diam. raised mound

of earth 2 ft high 4 1/2 ft base

around post.

76.00

dry channel S.W.

79.60

" " W.

80.00

Set a pine post 4" sq 4 ft long

12" in the ground for cor. to Secs.

62

184

S. 20 N. R. 04 E.

7.8. 17. 18. marked S. 20 N. S. 8  
 on N.E. R. 04 E S. 17 on S.E. S. 8  
 on S.W. <sup>of S. 7</sup> on <sup>N.W. faces</sup>  
 with <sup>1/4</sup> wheel for <sup>2</sup> ad <sup>5</sup> on <sup>E. faces</sup>  
 dug pits 18 x 18 x 12 in each sec.  
 3/4 ft. dia. raised mound of earth  
 2 1/2 ft. high 4 1/2 ft. base around post

land level dense large brush rocks.  
 soil sandy 1<sup>st</sup> <sup>1/2</sup> 2<sup>nd</sup> rate  
 No timber

S. 89° 04' E. on random line bet.  
 Secs. 8 & 17.

N. 16° 35' E.

4000 set ten 1/4 sec cor. at

8000 intersect N. & S. line at a point  
 11 ebs. S. of cor. to Secs. 8. 9. 16 & 17  
 thence I run

N. 89° 07' W on true line bet Secs 8 &amp; 17

land nearly level

2000 road N. &amp; S.

4000 set a cotton wood post 3" dia 3 1/2  
 ft. long 12" in the ground for 1/4 sec.  
 cor. marked 1/4 S. on N. face. dug  
 pits 18 x 18 x 12 E. & W. 3 1/2 ft. dia.  
 raised a mound of earth 1 1/2 ft. high



185-

53

## L20 N R O X E

4th base around post.  
 03.90 dry channel N.W.  
 8.00 Cor. to Secs. 7, 8, 17 & 18

Vand coal dense sage brush rocks  
 Soil sandy 1st rate no timber

N 89° 03' W on road on line bet.  
 Secs. 7 & 18.

Nor 16.35 E.

4.00 Set tem. 1/4 sec. Cor.  
 78.10 intersect W. line of Sp. at a point  
 10 lks S. of Cor. to Secs. 7, 18, 12.  
 18. thence I run S 89° 47' E  
 on true line bet Secs 7 & 18  
 13.40 road N E & S W.

10.60 dry channel N

38.15 Set a pine post 3" sq 3 1/2 ft long  
 12" in the ground for 1/4 sec. Cor  
 marked 1/4 S on N face. aug pits  
 18x18x12 E. & W. 3 1/2 ft dist. raised  
 mound of earth 1 1/2 ft high 4 ft.  
 base around post

39.40 road S.W. &amp; N.E.

42.20 " " "

47.80 dry channel N.W.

54

186

T20 N R54 E.

60.70 dry channel N.W.  
 78.10 cor to sees 7.8 17<sup>E</sup>/18

Land level dense sage brush 78.13 ch  
 soil sandy 1<sup>st</sup> rate no timber

---

U.05 N. bet. sees. 7<sup>E</sup>/8

pat. 170 E.

Land level, dense sage brush

12.00 dry channel N.W.

13.00

14.00

creek 8.00 wide W.

✓ 20.00

Set a pine post 3" sq 3<sup>1</sup>/<sub>2</sub> ft long  
 12" in the ground for 1/2 sec cor.  
 marked N.E. on W face aug pits  
 18x18x12 N.W. 1.5<sup>1</sup>/<sub>2</sub> ft deep.  
 raised mound of Earth 2<sup>1</sup>/<sub>2</sub>  
 high 4<sup>1</sup>/<sub>2</sub> ft base around post

61.30 dry channel N.W.

65.40 road N.E. & S.W.

74.50 dry channel N.W.

80.00

Set a pine post 4" sq 4 ft long  
 12" in the ground for cor to sees  
 N.E. 7<sup>E</sup>/8. marked T20 N S 5 on  
 N.E. R54 E S 8 on S.E. & 7 on  
 S.W. & N.E. on N.W. faces with



## S. 20 N. R. 64 E.

6' notches on S & E edges dug  
 pits 18x18x12 in each see  
 6 1/2 ft. deep. raised mound of  
 earth 2 ft. high 4 1/2 ft. base  
 around post

Land level dense sage brush rocks  
 Soil sandy 1st rate  
 No timber

S 89° 59' E. on random line bet. sees  
 5 & 8

Var. 170° E.

40.00 set true 1/4 sec. cor.  
 79.08 intersect N. & S. line at a point 8  
 links S of cor to sees 4, 5, 8 & 9  
 thence E run

S 89° 38' W. on true line bet. sees  
 5 & 8.

27.20 descend very gently in dense sage brush  
 dry channel N.W.

28.00 creek 8 links wide N.W.

31.00 road N.W. 1/4 sec

39.94 set a cottonwood post 3" sq. 3 1/2 ft.  
 long 12" in the ground for 1/4 sec  
 cor. marked 1/4 S on N. face

56

188

S. 20 N. R. 54 E.

dug pits 18' x 18' x 12' E. & W. 5 1/2 ft.  
 distant raised mound of earth  
 1 1/2 ft. high 4 1/2 ft. base around  
 post

68.00

road N.E. &amp; S.W.

79.88

Cor. to secs 5. 6. 7. &amp; 8.

Land nearly level  
 Soil sandy 1<sup>st</sup> rate  
 Dense sage brush 79.88 chs.  
 No timber

N. 89° 47' W. on random line bet.  
 Secs 6 & 7.

var. 17° E.

40.00

bet. 1/4 Sec. Cor.

78.30

intersect W. line of Sp. at a point  
 12 links N. of Cor. to Secs. 6. 7. 1  
 & 12, thence I run

S. 89° 32' E. on true line bet Secs  
 6 & 7.

Land level dense sage brush

38.30

Set a price post 3" sq 3 1/2 ft  
 long 12" in the ground for 1/4 Sec.  
 Cor. marked 1/4 S. on 1/4 face dug  
 pits 18' x 18' x 12' E & W. 5 1/2 ft.



S. 20 N. R. 64 E.

dist. raised mound of earth  $1\frac{1}{2}$   
ft. high  $4\frac{1}{2}$  ft. base around post  
dry channel N.W.  
71.60 road N.E. & S.W.  
72.80 cor. <sup>sec</sup> 6, 5, 6, 7, 8

Land level dense sage brush 78.30 chs.  
Soil sandy 1<sup>st</sup> rate no timber

N. 03' W. bet. Secs. 5 & 6

box 17 E.

Land level dense sage brush  
0.00 house bears N. 32° 45' E.  
12.50 road S.W. & N.E.  
13.00 dry channel N.W.  
19.50 trail N.W. & S.E.  
21.20 fence N.W.  
22.20 house bears E. 1/2 chs  
26.90 dry channel N.W.  
31.10 fence N.E. & S.W.  
31.80 dry ditch N.W.  
40.00 set a pine post 3" sq  $3\frac{1}{2}$  ft long  
12" in the ground for 1/4 sec cor  
marked 1/4 S. on W. face dug  
pits 18" x 18" x 12" N.E. 1/4, 5 1/2 ft.  
dist. raised mound of earth  $1\frac{1}{2}$

58

190

S. 20 N. R. 34 E.

6110 ft. high  $4\frac{1}{2}$  ft. base around post  
 dry ditch N.W.  
 6250 trail N.W. & E.  
 6400 dry channel N.W.  
 6800 trail N.W.  
 7900 dry channel N.W.  
 8070 intersect 4<sup>th</sup> standard Parallel  
 North at a point 70 lks W.  
 of Cor to Secs 31 & 32. Set a  
 pine post 4" sq 4 ft long 12"  
 in the ground for closing cor. to  
 Secs 5 & 6. marked C.C. S. 20  
 N. R. 34 E. on S. Sec. 5 on E.  
 and S. 6 on W. with 5<sup>th</sup> notch on  
 E. end 1 on W. faces dug pits  
 $2\frac{1}{2} \times 16 \times 12$  3 $\frac{1}{2}$  ft. E & W & 7 $\frac{1}{2}$  ft. S.  
 Has raised a mound of earth  
 2 ft. high  $4\frac{1}{2}$  ft. base around  
 post.

Land level dense sage brush 80.70  
 Chs. soil sandy 1<sup>st</sup> rate  
 No timber

Sept. 29<sup>th</sup> 1893



## General Description

The greater part of this Sp. consists of rolling foot hills interspersed with running creeks. The N.E. 1/4 of the Sp. contains no Springs with the exception of Collinwood Sp. very high up in the mountains, the West part of the Sp. is generally level & contains some very fine land covered with dense sage brush. In Secs 9 & 16 there is a little timber, it is young & not of any great value.

The 4 see corners on the line bet. Secs. 9 & 16 & 22 & 23. coming in the middle of a road I built a mound large enough to cause the drivers to turn out. The roads were not important.

No trees were near enough to the corners to be used for witness trees or were so small as to be useless. There are seven settlers in the Sp. Maw. Peter, Horro. Rodoni, Nager, Harmon, & Pastorn.

M. L. Moran  
U.S. Dep. Sur.

192



193  
U. S. Surveyor General's Office,

Reno, Nevada, March 3<sup>d</sup> 1884

The foregoing field notes of the ..... survey  
of the *Exterior Boundaries and*  
*Subdivision Line*  
Township No. *20 N* Range No. *54 E*  
of the Mt. Diablo Meridian.

Executed by *W. G. Moran*  
under Contract No. *202* of the *26*  
day of *June* 1883, in the month of  
*September* 1883, having been critically  
examined, the necessary corrections and expla-  
nations made, the said field notes, and the sur-  
veys they describe are hereby approved.

*Geo. F. Tompkins*  
U. S. Surveyor-General for Nevada.

194