

3734

ORIG

(1)

Book "E"  
1-678

BOOK 3734

# FIELD NOTES

OF THE SURVEY OF THE

Part (completion) of the West boundary,

All of the South boundary,

East boundary,

North boundary, and

Subdivision lines of

TOWNSHIP 3 SOUTH, RANGE 31 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Theodore Vander Meer,

U. S. Transitman,

In the capacity of U. S. Surveyor, under Special Instructions dated Jan. 5, 1924, issued by the United States Surveyor General to govern surveys included in Group No. 127, Arizona, which were approved by the Commissioner of the General Land Office, February 18, 1924, and Assignment Instructions dated December 5, 1924.

Survey commenced March 17, 1925.

Survey completed April 19, 1925.

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See page 1

# INDEX DIAGRAM.

Township \_\_\_\_\_, Range \_\_\_\_\_

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30	29	28	27	26	25
31	32	33	34	35	36

1A

3734

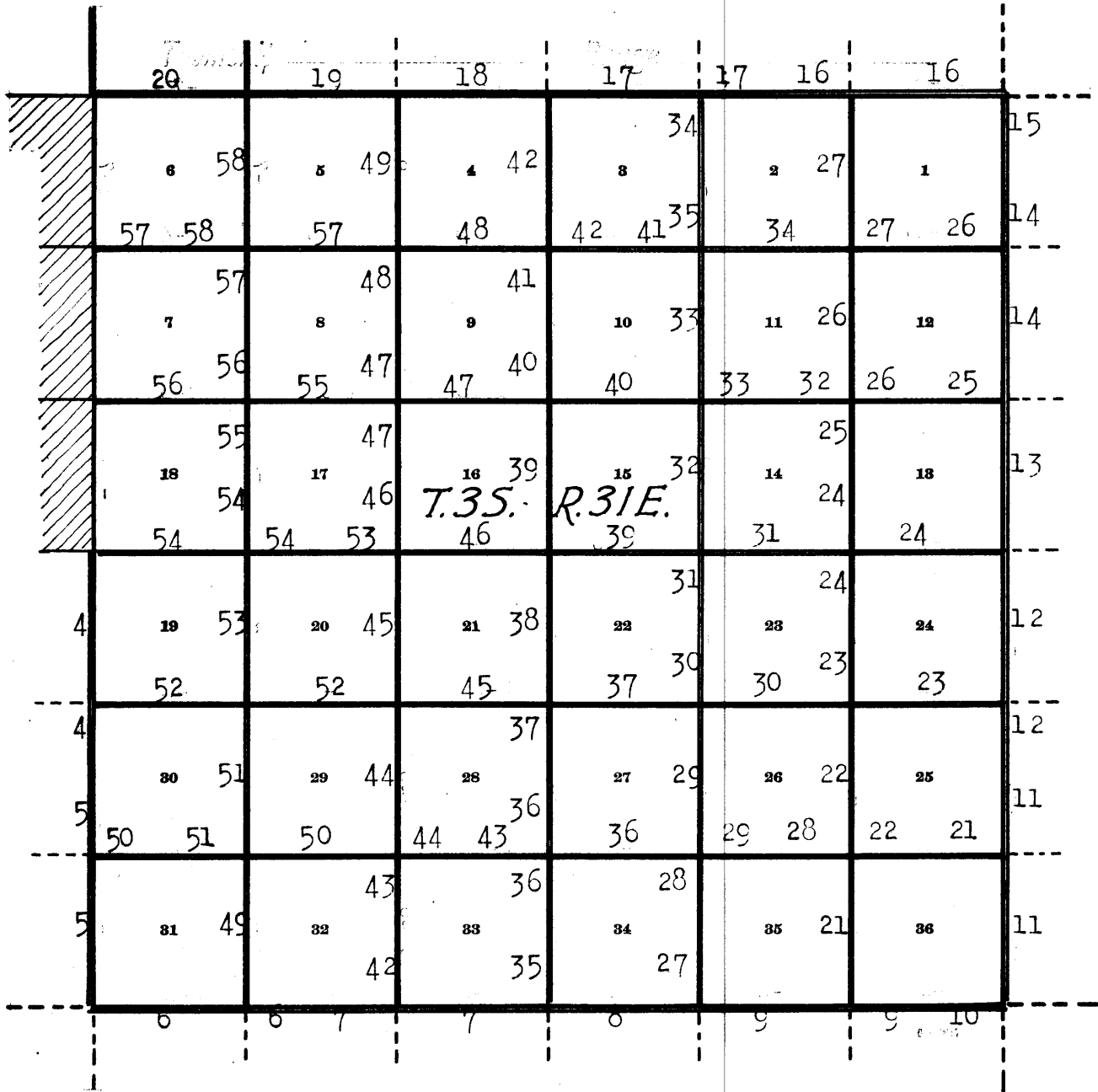
Book "E"

Group 127 - - Arizona.

BOOK 3734

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INDEX DIAGRAM.



- Lines surveyed under this group.
- Lines to be surveyed under this group.
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# DATE DIAGRAM 1925

Book "E"

Group 127 - - - Arizona.

Township 3 South, Range 31 East.

BOOK 3734

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————— Indicates lines surveyed by Theodore Vander Meer, U.S.T., on dates shown thereon.

————— Indicates accepted surveyed lines.

Surveys herein described were executed on dates shown on diagram on page 2 hereof, by Theodore Vander Meer, U. S. Transitman, using Young and Sons light mountain transit No. 8389, equipped with a full vertical circle and Smith solar attachment; unless otherwise specified, all azimuth determinations are accomplished with the solar attachment.

March 14, 1925: Examine the adjustments of the transit and correct all errors; then to test the solar apparatus by comparing its indications, resulting from observations made during a.m. and p.m. hours with a meridian established by Polaris observation, proceed as follows:

At camp near center of sec. 5, frac. T. 3 S., R. 32 E. (unsurv.) G. and S. R. Base & Meridian, Ariz., latitude  $33^{\circ}12'N.$ , longitude  $109^{\circ}4\frac{1}{2}'W.$ , at 8h 2.3 m p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in line thus determined on a peg driven firmly in the ground 5 chs. northerly.

"Azimuth of Polaris at western elongation;  $1^{\circ}18'33''$ "

March 15, 1925: At 7h 45m, a.m., l.m.t.; lay off the azimuth of Polaris,  $1^{\circ}18\frac{1}{2}'$  to the east and mark the meridian thus determined by a tack in a peg driven firmly in the ground, 5 chs. N.

At 8h 0m., a.m., l.m.t., set off  $33^{\circ}12'N.$  on the lat. arc,  $2^{\circ}8\frac{1}{2}'S.$  on the decl. arc and determine a meridian with the solar, which is found to agree with the true meridian.

At apparent noon, with the lat. arc unchanged observe the sun on the meridian; the resulting reading of the decl. arc is  $2^{\circ}5\frac{1}{2}'S.$ , which agrees with the computed decl. of the sun.

At 4h 0m., p.m., l.m.t., with the lat. arc unchanged, set off  $2^{\circ}00\frac{1}{2}'S.$  on the decl. arc and determine a meridian with the solar, which is found to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within  $1'30''$  of the true meridian conclude that the adjustments of the instrument are satisfactory.

Unless otherwise specified, all measurements are made with a Lufkin steel tape, 5 chs. in length, compared with a Lufkin 1.00 ch. standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

Survey of part (completion) of the W. bdy. of T3S, R31E.

4

Chains.

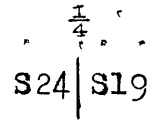
The cor. of secs. 13, 18, 19, and 24 on the W. bdy. of the tp., is an iron post, 3 ins. in diam., firmly set, properly marked on brass cap, and witnessed by bearing trees NE., SE., SW., and NW. of post.

Thence

South, on true line bet. secs. 19 and 24. Over mountainous land, through scattering timber and undergrowth.

2.50 Asc. 30 ft. over N. slope.  
Spur, slopes N. 20° W.; then over W. slope.  
30.00 Gulch, 4 lks. wide; course N. 30° W.; asc. 350 ft. over NE. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



1925

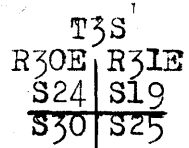
from which

An oak, 5 ins. diam., brs S. 75° W., 52 lks. dist., marked  $\frac{1}{4}$  S24 BT.

An oak, 6 ins. diam., brs S. 51° E., 75 lks. dist., marked  $\frac{1}{4}$  S19 BT.

45.00 Asc. 82 ft. over NE. slope.  
Spur, slopes NW.; desc. 300 ft. over SW. slope.  
61.50 Gully, course W.; over W. slope.; thence over broken W. slope.

79.20 Gully, course NW.; asc. 30 ft. over NW. slope, to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 19, 24, 25, and 30, marked on brass cap



1925

from which

An oak, 8 ins. diam., brs N. 48° E., 76 lks. dist., marked T3S R31E S19 BT.

A pinyon, 10 ins. diam., brs S. 12° E., 55 lks. dist., marked T3S R31E S25 BT.

A pinyon, 12 ins. diam., brs S. 42° W., 8 lks. dist., marked T3S R30E S30 BT.

An oak, 4 ins. diam.; brs N. 33° W., 43 lks. dist., marked T3S R30E S24 BT.

Land, mountainous.  
Soil, adobe, 2nd rate.  
Timber, oak and juniper.  
Undergrowth, yucca, scrub oak, and bunch grass.

South, on true line bet. secs. 25 and 30. Over mountainous land, through scattering timber and undergrowth.

16.40 Asc. 510 ft. over NW. slope.  
Ridge, brs NE. and SW.; desc. 470 ft. over SE. slope, to  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

Survey of part (completion) of W.bdy. of T. 3 S., R. 31 E.

Chains.

S25 | S30

1925

from which,

A pinyon, 6 ins. in diam., brs. S. 58 1/2° W., 25 lks. dist., marked 1/4 S 25 BT.

An oak, 8 ins. in diam., brs. S. 21 1/2° E., 50 lks. dist., marked 1/4 S30 BT.

Descend 460 ft., over SE. slope.

62.50 Canyon, 15 lks. wide, course SE.; asc., 170 ft. over NE. slope to sec. cor.

66.40 Trail, brs. NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, deposit a stone marked with a cross (x) and raise a mound of stone around post, for cor. of secs. 25, 30, 31 and 36, marked on brass cap,

T3S

R30E | R31E

S25 | S30

S31 | S36

1925

from which,

An oak, 6 ins. in diam., brs. N. 50 1/2° E., 140 lks. dist., marked T3S R31E S30 BT.

An oak, 6 ins. in diam., brs. N. 7 1/2° W., 179 lks. dist., marked T3S R30E S25 BT.

No other bearing trees available.

Land, mountainous. Soil, adobe, 2nd rate.

Timber, oak and juniper.

Undergrowth, yucca, bunch grass and scrub oak.

-----  
South, on true line, bet. secs. 31 and 36.

Over mountainous land, thru. scattering timber & undergrowth.

Over E. slope of open mesa land.

14.80 Small drain, course E.

25.00 Leave mesa, brs. E. and W.; descend 120 ft. over S. slope.

35.50 Canyon, 15 lks. wide, course E.; asc. 110 ft. over N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap,

S36 | S31

1925

from which,

An oak, 12 ins. in diam., brs. N. 13 1/2° E., 144 lks. dist., marked 1/4 S 31 BT.

An oak, 6 ins. in diam., brs. N. 7 1/4° W., 235 lks. dist., marked 1/4 S 36 BT.

Ascend 40 ft., over N. slope.

45.00 Top of ascent; then over E. slope of mesa land.

57.00 Leave mesa land, brs. E. and W.; desc. 60 ft., over SE. slope.

65.00 Gulch, 5 lks. wide, course N. 70° E.; asc. 70 ft., over NE. slope.

73.00 Wire fence brs. E. and W.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 3 and 4 S., Rs. 30 and 31 E., marked on brass cap,

T3S

R30E | R31E

S36 | S31

S 1 | S 6

T4S

1925

from which,

An oak, 12 ins. in diam., brs. N. 29° W., 377 lks. dist., marked T3S R30E S36 BT.

A mound of stone on Sunset Peak, brs. N. 86° 46' W.

No other bearing trees available.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Land, rolling.

Soil, adobe, 1st and 2nd rate.

Timber, oak.

Undergrowth, bunch grass.

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## 6 Survey of South boundary of Township 3 South, Range 31 East.

Chains.

From cor. of Ts. 3 and 4 South, Rs. 30 and 31 E., herein-  
before described,

East, on true line, bet. secs. 6 and 31.  
Over rolling, mountainous land, thru. scattering timber  
and undergrowth.

11.50 Descend 90 ft., over E. slope.  
Gulch, 5 lks. wide, course N. 25° E.

39.06 Ascend 360 ft., over W. slope.  
(40.00 chs. - convergency of 94 lks.) Set an iron post, 3 ft.  
long, 1 in. diam., 12 ins. in ground to bed rock, and raise  
a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked  
on brass cap,

$\frac{1}{4}$ S 31
S 6
1925

from which,

An oak, 5 ins. in diam., brs. N. 79° E., 56 lks.  
dist., marked  $\frac{1}{4}$  S 31 BT.

An oak, 6 ins. in diam., brs. N. 3 $\frac{1}{2}$ ° W., 78 lks.  
dist., marked  $\frac{1}{4}$  S 31 BT.

59.00 Ascend 530 ft., over W. slope.  
Spur, slopes N. 20° E.

79.06 Descend 500 ft., over E. slope, to  
Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins.  
in the ground to bed rock, and raise a mound of stone  
around post, for cor. of secs. 5, 6, 31 and 32, marked  
on brass cap,

T3S   R31E
S31   S32
S 6   S 5
T4S
1925

from which,

An oak, 4 ins. in diam., brs. N. 85° E., 57 lks.  
dist., marked T3S R31E S32 BT.

A juniper, 12 ins. in diam., brs. N. 22° W., 166 lks.  
dist., marked T3S R31E S31 BT.

No other bearing tree available.

Land, mountainous and rolling.  
Soil, adobe, 2nd rate.  
Timber, scrubby oak and juniper.  
Undergrowth, bunch grass, yucca and scrub oak.

East, on a true line, bet. secs. 5 and 32.  
Over mountainous land, thru. scattering timber and  
undergrowth.

25.00 Descend 700 ft., over E. slope.  
Dix Creek canyon, 40 lks. wide, course N. (Slight traces  
of water.)

35.00 Ascend 500 ft., over W. slope.  
Enter open area, brs. N. and S.



Chains.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S32  
S 5  
1925

from which

An oak, 20 ins. diam., brs N.15 $\frac{1}{2}$ °W., 468 lks. dist., marked  $\frac{1}{4}$  S32 BT.

No other bearing trees available.

Asc. 241 ft. over W. slope.

50.00 Enter heavier timber, brs N. and S.

63.00 Spur, slopes SW.; desc. 70 ft. over SE. slope.

69.50 Enter open area, brs NE. and SW.

Draw, course SW.; thence over S. slope.

79.85 Draw, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 4, 5, 32, and 33, marked on brass cap

T3S R31E  
S32|S33  
S 5|S 4  
T4S  
1925

from which

An oak, 16 ins. diam., brs S.48°E., 344 lks. dist., marked T4S R31E S4 BT.

An oak, 6 ins. diam., brs S.7 $\frac{1}{2}$ °E., 440 lks. dist., marked T4S R31E S4 BT.

No other bearing trees available.

Land, mountainous.

Soil, adobe, 3rd rate.

Timber, juniper and oak.

Undergrowth, bunch grass, yucca, and scrub oak.

East, on true line bet. secs. 4 and 33.

Over mountainous land, through scattering timber and undergrowth.

Asc. 346 ft. over W. slope.

9.00 Enter heavier timber, brs N. and S.

23.00 Flat ridge, brs N. and S.; desc. 105 ft. over E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S33  
S 4  
1925

from which

An oak, 10 ins. diam., brs N.39°E., 99 lks. dist., marked  $\frac{1}{4}$  S33 BT.

An oak, 10 ins. diam., brs S.3°W., 40 lks. dist., marked  $\frac{1}{4}$  S4 BT.

Desc. 290 ft. over E. slope.

61.70 Gulch, 10 lks. wide, course N.; asc. 145 ft. over W. slope

69.50 Timber, becomes more scattering.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bed rock, and raise a mound of stone around post, for cor. of secs. 3, 4, 33, and 34, marked on brass cap

T3S R31E  
S33|S34  
S 4|S 3  
T4S 1925

Chains.

from which  
 A juniper, 26 ins. diam., brs S.17°E., 23 lks. dist.,  
 marked T4S R31E S3 BT.  
 A juniper, 26 ins. diam., brs S.72¼°W., 349 lks. dist.,  
 marked T4S R31E S4 BT.  
 A juniper, 10 ins. diam., brs N.47¾°W., 197 lks. dist.,  
 marked T3S R31E S33 BT.

Land, rolling and mountainous.  
 Soil, volcanic, 2nd rate.  
 Timber, oak and juniper.  
 Undergrowth; oak brush and buck brush.

East, between secs. 3 and 34 on true line.  
 Over mountainous land, through scattering timber and  
 undergrowth.

8.00 Along top of spur.  
 18.00 Rim of canyon, brs N. and S.; desc. 220 ft. over E. slope  
 37.00 Canyon, 25 lks. wide, course N.20°W.; asc. 210 ft. over  
 E. slope.  
 40.00 SE. cor. of field brs N. 7.00 chs. dist., from which  
 cor. fencing brs West and NE.  
 Rolling spur, slopes N.  
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 around post, for ¼ sec. cor., marked on brass cap

¼ S34  
 S 3  
 1925

No bearing trees available.  
 Desc. 230 ft. over E. slope.  
 44.40 Trail, brs N. and S.  
 60.00 Enter scattering timber, brs N. and S.  
 71.00 Canyon, 15 lks. wide, course N.20°E.; asc. 185 ft.  
 over W. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in  
 the ground, to bed rock, and raise a mound of stone  
 around post, for cor. of secs. 2, 3, 34, and 35, marked  
 on brass cap

T3S R31E  
 S34 | S35  
 S 3 | S 2  
 T4S  
 1925

from which  
 An oak; 14 ins. diam., brs N.32½°E., 86 lks. dist.,  
 marked T3S R31E S35 BT.  
 A juniper, 14 ins. diam., brs S.15½°E., 98 lks. dist.,  
 marked T4S R31E S2 BT.  
 An oak, 6 ins. diam., brs S.69½°W., 82 lks. dist.,  
 marked T4S R31E S3 BT.  
 An oak, 6 ins. diam., brs N.13°W., 101 lks. dist.,  
 marked T3S R31E S34 BT.

Land, rolling and mountainous.  
 Soil, volcanic, 2nd rate.  
 Timber, oak and juniper.  
 Undergrowth; oak brush, and buck brush.

Chains.

East, on true line bet. secs. 2 and 35.  
 Over rolling and mountainous land, through scattering  
 timber and undergrowth.  
 Asc. 15 ft. over W. slope.  
 2.50 Spur, slopes N.; desc. 280 ft. over E. slope.  
 18.00 Canyon, 10 lks. wide, course NE.; asc. 180 ft. over NW.  
 slope.  
 28.00 Spur, slopes N.; desc. 190 ft. over E. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in  
 the ground to bed rock and raise a mound of stone around  
 post for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S35  
 S 2  
 1925

from which  
 An oak, 12 ins. diam., brs N. 65° E., 34 lks. dist.,  
 marked  $\frac{1}{4}$  S35 BT.  
 A yellow pine, 12 ins. diam., brs S. 72 $\frac{1}{2}$ ° E., 78 lks. dist.,  
 marked  $\frac{1}{4}$  S2 BT.

40.50 Desc. 20 ft. over E. slope.  
 44.00 Drain, course NE.; thence over N. slope.  
 56.00 Rock fence, brs NE. and SW.  
 67.00 Canyon, 50 lks. wide, course NW.  
 69.50 Same canyon, course SW.  
 80.00 Same canyon, course NW.; asc. 140 ft. over SW. slope.  
 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
 in the ground, for cor. of secs. 1, 2, 35, and 36, marked  
 on brass cap

T3S R31E  
 S35 | S36  
 S 2 | S 1  
 T4S  
 1925

from which  
 A juniper, 14 ins. diam., brs N. 42 $\frac{3}{4}$ ° W., 130 lks. dist.,  
 marked T3S R31E S35 BT.  
 An oak, 6 ins. diam., brs N. 29 $\frac{1}{2}$ ° E., 42 lks. dist.,  
 marked T3S R31E S36 BT.  
 An oak, 4 ins. diam., brs S. 34° E., 13 lks. dist.,  
 marked T4S, R31E S1 BT.  
 An oak, 10 ins. diam., brs S. 32° W., 54 lks. dist.,  
 marked T4S R31E S2 BT.

Land, rolling and mountainous.  
 Soil, volcanic, 2nd rate.  
 Timber, pine, oak, and juniper.  
 Undergrowth, oak brush and buck brush.

East, on true line bet. secs. 1 and 36.  
 Over mountainous land, through scattering timber and  
 undergrowth.  
 Asc. 200 ft. over SE. slope.  
 17.00 Spur, slopes NW.; desc. 290 ft. over E. slope.  
 36.70 Gulch, 12 lks. wide, course N.; asc. 100 ft. over W. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in  
 the ground to bed rock, and raise a mound of stone a-  
 round post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S36  
 S 1  
 1925

from which  
 An oak, 8 ins. diam., brs S. 78° W., 97 lks. dist.,  
 marked  $\frac{1}{4}$  S1 BT.  
 An oak, 18 ins. diam., brs N. 14° E., 110 lks. dist.,  
 marked  $\frac{1}{4}$  S36 BT.

Chains.

- Asc. 70 ft. over W. slope.  
 44.80 Spur, slopes N.; desc. 170 ft. over E. slope.  
 53.00 Drain, course N.; asc. 90 ft. over W. slope.  
 59.00 Short spur, slopes N.; desc. 165 ft. over NE. slope.  
 73.00 Canyon, 5 lks. wide, course NW.; asc. 100 ft. over W. slope.  
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of Tps. 3 and 4 S., Rs. 31 and 32 E., marked on brass cap

T3S  
 R31E R32E  
 S36 S31  
 S1 S6  
 T4S  
 1925

from which . . .

- A juniper, 10 ins. diam., brs N.  $36\frac{3}{4}^{\circ}$  E., 201 lks. dist., marked T3S R32E S31 BT.  
 A juniper, 6 ins. diam., brs S.  $68\frac{1}{2}^{\circ}$  E., 166 lks. dist., marked T4S R32E S6 BT.  
 An oak, 10 ins. diam., brs S.  $3\frac{1}{2}^{\circ}$  W., 191 lks. dist.; marked T4S R31E S1 BT.  
 An oak, 12 ins. diam., brs N.  $41\frac{1}{2}^{\circ}$  W., 102 lks. dist., marked T3S R31E S36 BT.

Land, rolling and mountainous.  
 Soil, volcanic, 2nd rate.  
 Timber, oak and juniper.  
 Undergrowth, bunch grass and yucca.

Survey of the East boundary of T3S, R31E.

Chains.

North on true line bet. secs. 31 and 36.  
Over rolling mountains, through scattering timber and undergrowth.

19.20 Asc. 190 ft. over SW. slope.  
Spur, slopes W.; thence along W. slope.

33.46 Ridge, brs NW. and SE.

Trail, brs NW. and SE.

Desc. 95 ft. over N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

1/4

S36 | S31

1925

from which

An oak, 6 ins. diam., brs S.18°W., 62 lks. dist., marked 1/4 S36 BT.

A juniper, 10 ins. diam., brs S.13°E., 55 lks. dist., marked 1/4 S31 BT.

Desc. 240 ft. over N. slope.

51.43 Gulch, course NE.; asc. 70 ft. over E. slope.

56.80 Desc. steep NE. slope 240 ft. (Spur sloping E.)

62.30 Deep gulch, course E.; asc. 270 ft. over S. slope.

80.00 Spur, slopes E.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 25, 30, 31, and 36, marked on brass cap

T3S

R31E | R32E

S25 | S30

S36 | S31

1925

from which

A white oak, 8 ins. diam., brs S.42°E., 68 lks. dist., marked T3S R32E S31 BT.

A white oak, 10 ins. diam., brs N.69 1/2°E., 98 lks. dist., marked T3S R32E S30 BT.

A white oak, 12 ins. diam., brs N.49 1/2°W., 58 lks. dist., marked T3S R31E S25 BT.

A white oak, 12 ins. diam., brs S.28 1/4°W., 184 lks. dist., marked T3S R31E S36 BT.

Land, rolling mountains.  
Soil, volcanic, 2nd rate.  
Timber, oak and juniper.  
Undergrowth, oak brush and bunch grass.

North, bet. secs. 25 and 30.  
Over rolling mountains, through scattering timber and undergrowth.

.30 Spur, slopes NE.; desc. 380 ft. over NW. slope.

40.00 True point for 1/4 sec. cor. falls in steep rocky gulch, from S.20°W., course NW.

42.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., marked on brass cap

WC

1/4

S25 | S30

WC

1925

Chains.

from which  
 A cedar, 6 ins. diam., brs S. 28° E., 22 lks. dist.,  
 marked  $\frac{1}{4}$  S25 BT.WC  
 A white oak, 5 ins. diam., brs S. 41 $\frac{1}{2}$ ° W., 33 lks. dist.,  
 marked  $\frac{1}{4}$  S30 BT.WC  
 Desc. 30 ft. over N. slope.  
 43.00 Gulch, course NE.; about 30 lks. wide.; asc. 170 ft. over  
 SE. slope.  
 51.37 Top of spur, slopes E.; desc. SE. slope. 380 ft.  
 60.42 Coal creek, dry, 100 lks. wide, course NW.; asc. 220 ft.  
 over SW. slope.  
 75.13 Spur, slopes W.; then along W. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in  
 the ground, for cor. of secs. 19, 24, 25, and 30, marked  
 on brass cap

T3S  
 R31E R32E  
 S24 S19  
 S25 S30

1925

from which  
 A black oak, 3 ins. diam., brs N. 48° E., 34 lks. dist.,  
 marked T3S R32E S19 BT  
 A black oak, 8 ins. diam., brs S. 29 $\frac{1}{2}$ ° E., 22 lks. dist.,  
 marked T3S R32E S30 BT.  
 A black oak, 6 ins. diam., brs S. 70° W., 43 lks. dist.,  
 marked T3S R31E S25 BT.  
 A black oak, 6 ins. diam., brs N. 39° W., 28 lks. dist.,  
 marked BT

Land, mountainous.  
 Soil, volcanic adobe, 2nd rate.  
 Timber, oak, cedar, and juniper.  
 Undergrowth, oak brush, catclaw, and bunch grass.

North, bet. secs. 19 and 24.  
 Over rolling mountainous land, through scattering timber  
 and undergrowth.  
 Desc. 30 ft. over NW. slope.  
 4.65 Wash, 20 lks. wide, course SW.; asc. 504 ft. over SW.  
 slope.  
 19.47 Spur, slopes NW.; desc. 115 ft. over N. slope.  
 27.00 Strike mesa, brs E. and W.; and thence across.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap.

$\frac{1}{4}$   
 S24 S19

1925

No bearing trees available.  
 Continue across mesa over slight N. slope.  
 78.50 Desc. 24 ft. over N. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface  
 rock and raise a mound of stone around post, for cor.  
 of secs. 13, 18, 19, and 24, marked on brass cap

T3S  
 R31E R32E  
 S13 S18  
 S24 S19

1925

from which

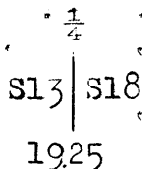
Chains.

- A pinyon, 6 ins. diam., brs N.42°E., 70 lks. dist., marked T3S R32E S18 BT.
- A pinyon, 18 ins. diam., brs S.42°E., 63 lks. dist., marked T3S R32E S19 BT.
- A pinyon, 8 ins. diam., brs N.72°W., 108 lks. dist., marked T3S R31E S13 BT.

Land, rolling and mountainous.  
 Soil, volcanic, 2nd rate.  
 Timber, oak, cedar, juniper and pinyon.  
 Undergrowth, buck brush, and cacti.

North, bet. secs. 13 and 18.  
 Over mountainous land, through scattering timber and undergrowth.

- Asc. 372 ft. over NE. slope.
- 10.60 Wash, 75 lks. wide, course NW.; asc. 385 ft. over NW. slope.
- 21.50 South edge of mesa, brs NW. and SE.; thence across same.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap



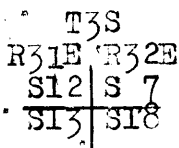
from which

- A cedar, 20 ins. diam., brs N.41°E., 495 lks. dist., marked  $\frac{1}{4}$  S18 BT.

No other bearing tree available.

Desc. 80 ft. over rocky N. slope.

- 50.00 Draw, 40 lks. wide, course NW.; asc. 75 ft. over SW. slope
- 59.00 Short spur, slopes NW.; desc. 180 ft. over N. slope.
- 68.00 Ravine, course N.70°W.; asc. 140 ft. over SW. slope.
- 76.40 Short spur, slopes W.; desc. 100 ft. over NE. slope.
- 78.00 Ravine, 10 lks. wide, course NE.; asc. 15 ft. over NE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 7, 12, 13, and 18, marked on brass cap



1925

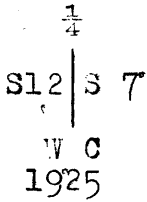
from which

- A cedar, 14 ins. diam., brs N.1°E., 27 lks. dist., marked T3S R32E S7 BT.
- A cedar, 12 ins. diam., brs S.25°E., 133 lks. dist., marked T3S R32E S18 BT.
- A cedar, 8 ins. diam., brs S.12°W., 296 lks. dist., marked T3S R31E S13 BT.
- A cedar, 4 ins. diam., brs N.0°30'W., 96 lks. dist., marked T3S R31E S12 BT.

Land, mountainous.  
 Soil, volcanic, 4th rate.  
 Timber, oak, cedar, and pinyon.  
 Undergrowth, oak brush, buck brush, mesquite, catclaw, and bunch grass.

Chains.

North, bet. secs. 7 and 12.  
 Over mountainous land, through scattering timber and undergrowth.  
 Asc. 80 ft. over W. slope.  
 10.90 Small spur, slopes W.; desc. 460 ft. over NE. slope.  
 29.90 Rocky gulch, course NW.; asc. 380 ft. over rocky S. slope  
 40.00 True point for  $\frac{1}{4}$  sec. cor. falls on small cliff, where it is impossible to set cor. (Mark cross (X) at true point)  
 43.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, and raise a mound of stone around post, for witness<sup>cor.</sup> to  $\frac{1}{4}$  sec. cor., marked on brass cap



from which

A cedar, 18 ins. diam., brs S.46°W., 150 lks. dist., marked  $\frac{1}{4}$  S12 BT WC

A cedar, 14 ins. diam., brs S.14 $\frac{1}{2}$ °E., 135 lks. dist., marked  $\frac{1}{4}$  S7 BT WC

43.30 Strike mesa, brs N.70°W. and S.70°E. and thence across mesa.  
 50.70 North edge of mesa, brs E. and W.; desc. 350 ft. over NW. slope.

62.60 Wash, 30 lks. wide, course NW.; asc. 150 ft. over NW. slope.

67.21 Small spur, slopes SW.; desc. 60 ft. over E. slope.

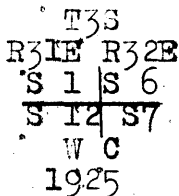
80.00 True point for cor. of secs. 1,6,7, and 12 falls on side of cliff, where it is impracticable to set monument. Chisel cross (X) at true point for cor.

The description of witness cor. is hereinafter described on line bet. secs. 1 and 6.

Land, mountainous.  
 Soil, volcanic, 2nd and 3rd rate.  
 Timber, oak, cedar, pine and pinyon.  
 Undergrowth, oak brush.

From true point for cor. of secs. 1,6,7, and 12.  
 North, bet. secs. 1 and 6.  
 Over mountainous land, through scattering timber and undergrowth.

Desc. 90 ft. over W. slope.  
 1.30 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for witness<sup>cor.</sup> to cor. of secs. 1,6,7, and 12, marked on brass cap



from which

An oak, 12 ins. diam., brs N.60°E., 176 lks. dist., marked T3S R32E S6 BT.WC

A cedar, 4 ins. diam., brs S.6 $\frac{1}{2}$ °E., 51 lks. dist., marked T3S R32E S7 BT.WC

An oak, 5 ins. diam., brs S.88°W., 18 lks. dist., marked T3S R31E S12 BT WC

An oak, 6 ins. diam., brs N.9 $\frac{1}{4}$ °W., 96 lks. dist., marked T3S R31E S1 BT.WC

Continue descent.



Chains.

- 8.00 Prospect draw, course S.30°W.
- 10.20 Same draw, course S.30°E.
- 20.70 Same draw; course S.20°E.
- 38.70 Same draw, course SW.
- 40:00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 1 | S 6  
1925

from which  
A cedar limb, 6 ins. diam., brs S.33°W., 94 lks. dist., marked  $\frac{1}{4}$  S1 BT.  
An oak; 10 ins. diam., brs S.66 $\frac{1}{2}$ °E., 36 lks. dist., marked  $\frac{1}{4}$  S6 BT.

- 42.20 Prospect draw, course SE.
- 48.00 Same draw, course S.20°W.; asc. 365 ft. over E. slope.
- 69.00 Spur, slopes E.; desc. 100 ft. over E. slope.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of Tps. 2 and 3 S., Rs. 31 and 32 E., marked on brass cap

T2S  
R31E R32E  
S36 | S31  
S 1 | S 6  
T3S  
1925

from which  
A cedar, 8 ins. diam., brs N.59°E., 53 lks. dist., marked T2S R32E S31 BT.  
A cedar, 4 ins. diam., brs S.28°E., 55 lks. dist., marked BT  
A cedar, 10 ins. diam., brs S.34 $\frac{1}{2}$ °W., 120 lks. dist., marked T3S R31E S1 BT.  
A cedar, 12 ins. diam., brs N.12 $\frac{1}{2}$ °W., 80 lks. dist., marked T2S R31E S36 BT.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, juniper and cedar.  
Undergrowth, cat claw, and yucca.

Survey of the North boundary of T3S, R31E.

Chains.

From the cor. of Tps. 2 and 3 S., Rs. 30 and 31 E.; hereinafter described.

East, on random line on N. bdy. of T3S, R31E., setting first temp. cor. at 38.50 chs. and at intervals of 40.00 chs. thereafter; and at 478.51 chs. fall 28 lks. N. of the cor. of Tps. 2 and 3 S., Rs. 31 and 32 E., hereinbefore described.

The falling answers to a correction of 0°2', or 4.7 lks. per mile, counting from the NW. cor. of the Tp.; therefore I run.

N. 89°58'W., on true line bet. secs. 1 and 36.

Over mountainous land, through scattering timber and undergrowth.

Asc. 740 ft. over E. slope.

16.00 Ridge, hrs N. 20°E. and S. 20°W.; desc. 170 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap.

1/4 S36  
S1  
1925

from which

A juniper, 12 ins. diam., hrs S. 54 1/2°W., 308 lks. dist., marked 1/4 S1 BT.

A juniper, 18 ins. diam., hrs N. 80 1/2°W., 383 lks. dist., marked 1/4 S36 BT.

Desc. 405 ft. over NW. slope.

65.00 Canyon, 15 lks. wide, course SW.; asc. 170 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 1, 2, 35, and 36, marked on brass cap

T2S R31E  
S35 | S36  
S 2 | S 1  
T3S  
1925

from which

A cedar, 8 ins. diam., hrs N. 74°E., 47 lks. dist., marked T2S R31E S36 BT.

A cedar, 8 ins. diam., hrs S. 39°E., 95 lks. dist., marked T3S R31E S1 BT.

A juniper, 6 ins. diam., hrs S. 42°W., 95 lks. dist., marked T3S R31E S2 BT.

No other bearing trees available.

Mound on Sunset peak, hrs S. 47°27'W.

Land, mountainous.

Soil, volcanic, 3rd rate.

Timber, juniper and cedar.

Undergrowth, catclaw, and yucca.

N. 89°58'W., on true line bet. secs. 2 and 35.

Over mountainous land, through scattering timber and undergrowth.

Asc. 20 ft. over SE. slope.

2.00 Spur, slopes SW.; desc. 130 ft. over NW. slope.

10.00 Spur, slopes NW.; desc. 1200 ft. over W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

1/4 S35  
S 2  
1925

Survey of the North Boundary of T. 3 S., R. 31 E.

Chains From which  
 A cedar, 16 ins. diam., brs. S. 85° W., 14 lks. dist.,  
 marked  $\frac{1}{4}$  S 2 B T.  
 A cedar, 5 ins. diam., brs. N. 77° W., 50 lks. dist.,  
 marked  $\frac{1}{4}$  S 35 B T.  
 Desc. 300 ft. over W. slope.  
 45.70 Enter river bottom, brs. N. and SE.  
 46.30 Center of San Francisco River, dry, course SW.  
 48.50 Leave river bottom, and asc. 230 ft. over E. slope.  
 57.00 Short spur, slopes S.; desc. 250 ft. over SW. slope.  
 70.00 Enter river bottom at bend in river, from SE. to SW.  
 74.50 San Francisco River, in box canyon, 70 lks, wide, 50 ft.  
 deep, from SE., course SW.  
 78.00 Leave river bottom land, brs. NE. and SW.; asc. slightly.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
 the ground for cor. of secs. 2, 3, 34 and 35, marked  
 on brass cap

T 2 S R 31 E  
 S 34 | S 35  
 S 3 | S 2  
 T 3 S  
 1925

From which  
 A hackberry, 12 ins. diam., brs. N. 77 $\frac{1}{2}$ ° E., 127 lks.  
 dist., marked T 2 S R 31 E S 35 B T.  
 A cottonwood, 18 ins. diam., brs. S. 34 $\frac{3}{4}$ ° E., 8 lks.  
 dist., marked T 3 S R 31 E S 2 B T.  
 A cottonwood, 16 ins. diam., brs. S. 3 $\frac{1}{4}$ ° E., 102 lks.  
 dist., marked T 3 S R 31 E S 2 B T.  
 A mesquite, 8 ins. diam., brs. N. 0° 15' W., 111 lks.  
 dist., marked T 2 S R 31 S 34 B T.  
 No SW. bearing tree available.  
 Land, mountainous.  
 Soil, volcanic, 3rd rate.  
 Timber, juniper and cedar.  
 Undergrowth, catclaw and yucca.

N. 89° 58' W., bet. secs. 3 and 34.  
 Over mountainous land, through scattering timber and  
 undergrowth. Asc. 1150 ft. over E. slope.  
 26.50 High sharp spur, slopes S.; desc. 545 ft. over W. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
 ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 34  
 S 3  
 1925

From which  
 A cedar, 6 ins. diam., brs. S. 28 $\frac{1}{2}$ ° W., 98 lks. dist.  
 marked  $\frac{1}{4}$  S 3 B T.  
 A cedar, 6 ins. diam., brs. S. 12 $\frac{1}{4}$ ° E., 78 lks. dist.,  
 marked  $\frac{1}{4}$  S 3 B T.  
 Shack bears S. 76° W. Desc. 520 ft. over W. slope.  
 47.00 Top of cliff, 120 ft. high, brs. N. and S.  
 57.50 Canyon, 20 lks. wide, course SW.; asc. 180 ft. over SE.  
 slope.  
 58.30 Top of ascent; thence over broken S. slope.  
 69.40 House brs. South, about 20 chs. dist.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 around post, for cor. of secs. 3, 4, 33 and 34, marked  
 on brass cap

T 2 S R 31 E  
 S 33 | S 34  
 S 4 | S 3  
 T 3 S  
 1925

## Survey of the North Boundary of T. 3 S., R. 31 E.

Chains	From which
	A mesquite, 4 ins. diam., brs. N. 17° E., 127 lks. dist., marked T 2 S R 31 E S 34 B T.
	A mesquite, 8 ins. diam., brs. S. 32° E., 251 lks. dist., marked T 3 S R 31 E S 3 B T.
	A mesquite, 14 ins. diam., brs. S. 8½° W., 70 lks. dist., marked T 3 S R 31 E S 4 B T.
	A mesquite, 4 ins. diam., brs. N. 36° W., 230 lks. dist., marked T 2 S R 31 E S 33 B T.
	Land, mountainous.
	Soil, volcanic, 3rd rate.
	Timber, juniper and cedar.
	Undergrowth, catclaw and yucca.
	-----
	N. 89° 58' W., on true line, bet. secs. 4 and 33. Over mountainous land, through scattering timber and undergrowth. Desc. slightly over S. slope.
4.50	Desc. 50 ft. over W. slope.
8.50	Enter river bottom land, brs. NW. and SE.
10.57	Intersect line 5-1 of bdy. of H. E. S. 599 at 2.11 chs. N. 27° 47' W. from Cor. No. 1 thereof, identical with Cor. No. 1 of bdy. of H. E. S. No. 237. Thence across H. E. S. 599.
11.50	Center of San Francisco River, with stream 50 lks. wide, 10 ins. deep, course N. 70° W.
13.50	Leave river bottom land, brs. N. 70° W. and S. 70° E.
14.50	Wagon road, brs. N. 70° W., and S. 70° E.
15.36	Intersect line 7-1 of bdy. of H. E. S. 237 at 6.06 chs. N. 72° 00' W., from Cor. No. 1. Thence across H. E. S. 237.
16.00	Fence, brs. NW. and SE.; thence across cultivated land.
16.30	Irrigation ditch, course N. 70° W.
17.50	Same irrigation ditch, course S.
17.60	Fence, brs. N. and S.
27.10	Fence, brs. N. 70° E., and S. 70° W.; leave cultivated field
29.38	Intersect line 6-7 of bdy. of H. E. S. No. 237 at 6.62 chs. S. 67° 15' W. from Cor. No. 7. Leave H. E. S. No. 237.
33.70	Old road; brs. N. 70° E., and S. 70° W.
35.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to ¼ sec. cor., marked on brass cap
	W C ¼ S 33 S 4 1925
	From which
	A cottonwood, 24 ins. diam., brs. N. 56½° E., 71 lks. dist., marked ¼ S 33 W C B T.
	A sycamore, 24 ins. diam., brs. S. 68° W., 217 lks. dist., marked ¼ S 4 W C B T.
	From this witness cor., Cor. No. 6 of bdy. of Homestead Entry Survey No. 237, brs. S. 41° 28' W., 5.00 chs. dist.
35.50	Enter river bottom land, brs. S. 70° W. and N. 70° E.
38.10	House, brs. N. 36° E. House, brs. S. 17½° W.
40.00	True point for ¼ sec. cor. for secs. 4 and 33 falls in river bottom.
40.50	Center of San Francisco River, 50 lks. wide, 10 ins. deep, course S. 70° W.
52.00	Leave river bottom land, brs. S. 70° W. and N. 70° E. Asc. 230 ft. over SE. slope.
60.50	Spur, slopes S.; desc. 250 ft. over W. slope.
73.50	Enter river bottom land, brs. N. 70° W., and S. 70° E.
76.00	Center of San Francisco River, 50 lks. wide, 10 ins. deep, course NW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

Survey of the North boundary of T3S, R31E.

Chains.

T2S R31E	
S32	S33
S 5	S 4
T3S	
1925	

- from which
- A hackberry, 8 ins. diam., brs N. 16 1/2° E., 312 lks. dist., marked T2S R31E S33 BT.
- A sycamore, 10 ins. diam., brs S. 4 1/4° E., 240 lks. dist., marked T3S R31E S4 BT.
- A sycamore, 12 ins. diam., brs S. 50 1/2° W., 240 lks. dist., marked T3S R31E S5 BT.
- A cottonwood, 4 ins. diam., brs N. 89° W., 510 lks. dist., marked T2S R31E S32 BT.

Land, mountainous.  
 Soil, loam, 1st rate.; volcanic 4th rate.  
 Timber, cottonwood, willow, sycamore, hackberry, and cedar.  
 Undergrowth, arrow weed.

- N. 89° 58' W., on true line bet. secs. 5 and 32.
- Over river bottom land, through scattering timber and undergrowth.
- 8.00 Center of San Francisco river, 50 lks. wide, 10 ins. deep, course SW.
- 9.20 Leave river bottom land, brs N. 70° E. and SW.
- Asc. precipitous bluff, 250 ft. high, facing SE.
- 16.00 Top of bluff, thence over broken S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

1/4 S32	
S 5	
1925	

- from which
- A cedar, 8 ins. diam., brs N. 30° E., 161 lks. dist., marked 1/4 S32 BT.
- A cedar, 6 ins. diam., brs S. 59° E., 170 lks. dist., marked 1/4 S5 BT.
- Thence over broken S. slope.
- 68.00 Enter river bottom land, brs N. 70° W. and S. 70° E.
- 72.00 San Francisco river, course N. 70° W.
- 78.50 Leave river bottom land, brs N. 70° W. and S. 70° E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 5, 6, 31, and 32, marked on brass cap

T2S R31E	
S31	S32
S 6	S 5
T3S	
1925	

- from which
- An oak, 10 ins. diam., brs N. 1/4° E., 100 lks. dist., marked T2S R31E S32 BT.
- A cedar, 4 ins. diam., brs S. 16° E., 103 lks. dist., marked T3S R31E S5 BT.
- An oak, 8 ins. diam., brs S. 74 1/2° W., 100 lks. dist., marked T3S R31E S6 BT.
- A sycamore, 12 ins. diam., brs N. 38° W., 280 lks. dist., marked T2S R31E S31 BT.

Land, mountainous.  
 Soil, volcanic, 4th rate.

Chains.	
	Timber, sycamore, cottonwood, oak, and cedar. Undergrowth, arrow weed.
-----	
	N. 89° 58' W., on true line bet. secs. 6 and 31. Over rolling and mountainous land, through scattering timber and undergrowth. Over broken N. slope.
26.20	Enter river bottom land, brs NE. and SE.
30.00	San Francisco river, 50 lks. wide, 10 ins. deep, course S. 70° W.
33.00	Blue river, 30 lks. wide, 10 ins. deep, course SW. Asc. E. slope of bluff 130 ft. high, brs N. and S.
35.00	Bluff, brs N. and S.; desc. 110 ft. over W. slope.
36.00	Base of bluff, brs N. and S.; then over level land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground; for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S31 $\frac{1}{4}$ S6 1925
	from which
	A hackberry, 8 ins. diam., brs N. 72 $\frac{1}{4}$ ° W., 215 lks. dist., marked $\frac{1}{4}$ S31 BT.
	A cottonwood, 10 ins. diam., brs S. 61 $\frac{3}{4}$ ° E., 390 lks. dist., marked $\frac{1}{4}$ S6 BT.
40.30	Chimney of school house brs S. 51° E., about 5.50 chs. dist. Chimney of gathering house brs S. 47 $\frac{1}{2}$ ° E., about 6.20 chs. dist.
41.50	Leave level land; asc 670 ft. over SE. slope:
44.00	Top of cliff, 100 ft. high, brs NE. and SW.
70.00	Spur, slopes S.; desc. over SW. slope.
78.51	The cor. of Tps. 2 and 3 S., Rs. 30 and 31 E., which is an iron post, 3 ins. diam., firmly set, properly marked on brass cap, and witnessed by a mound of stone S. of cor.
	Land, mountainous. Soil, loam, 2nd rate, and volcanic 4th rate. Timber, cottonwood, cedar, sycamore, and willow. Undergrowth, arrow weed.
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Chains.

From the cor. of secs. 1, 2, 35, and 36 on the S. bdy. of the Tp., hereinbefore described, N. 0° 1' W., bet. secs. 35 and 36. Over mountainous land thru scattering timber and undergrowth. Asc. 130 ft. over SW. slope.

19.00 Spur, slopes NW.; desc. 200 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S35 | S36

1925

from which

An oak, 6 ins. diam., brs S. 71° E., 82 lks. dist., marked  $\frac{1}{4}$  S36 BT.

An oak, 8 ins. diam., brs S. 17° W., 77 lks. dist., marked  $\frac{1}{4}$  S35 BT.

Desc. gentle NE. slope.

60.00 Spur, slopes NE.; desc. 270 ft. over W. slope.

74.90 Canyon, 20 lks. wide, course NW.; asc. 90 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 25, 26, 35, and 36, marked on brass cap

T3S R31E  
S26 | S25  
S35 | S36

1925

from which

A juniper, 12 ins. diam., brs N. 11 $\frac{3}{4}$ ° E., 163 lks. dist., marked T3S R31E S25 BT.

A juniper, 8 ins. diam., brs S. 88 $\frac{1}{2}$ ° E., 137 lks. dist., marked T3S R31E S36 BT.

A cedar, 8 ins. diam., brs S. 31° W., 257 lks. dist., marked T3S R31E S35 BT.

No other bearing tree available.

Land, rolling and mountainous.

Soil, volcanic, 2nd rate.

Timber, pine oak and juniper.

Undergrowth, oak brush, buck brush, and cacti.

40.00 East, on random line bet. secs. 25 and 36. Set temp.  $\frac{1}{4}$  sec. cor.

80.16 Intersect the E. bdy. of the Tp., 5 lks. N. of the cor. of secs. 25, 30, 31, and 36, hereinbefore described.

Thence

N. 89° 58' W., on true line bet. secs. 25 and 36. Over rolling mountains, through scattering timber and undergrowth.

Asc. slightly over E. slope.

4.00 Spur, slopes NW. and SE.; desc. 90 ft. over N. slope.

15.10 Trail, brs SE. and NW.

23.90 Wash, 30 lks. wide, course NW.; asc. 135 ft. over E. slope.

40.00 Spur, slopes N.

40.08 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S25  
S36  
1925

from which

A black oak, 16 ins. diam., brs S. 42° E., 230 lks. dist., marked  $\frac{1}{4}$  S36 BT.

## Survey of the Subdivision of T3S, R31E.

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Chains.	A black oak, 8 ins. diam., brs N.60°E., 295 lks. dist., marked $\frac{1}{4}$ S25 BT.
50.00	Desc. 40 ft. over NW. slope.
75.52	Saddle about 2.00 chs. S.; desc. 230 ft. over W. slope.
80.16	Ravine, 20 lks. wide, course S.; asc. 30 ft. over S. slope.
	The cor. of secs. 25, 26, 35, and 36.
	Land, rolling.
	Soil, volcanic and adobe, 2nd rate.
	Timber, oak and juniper.
	Undergrowth, oak, catclaw, and bunch grass.
	<hr/>
	N.0°1'W. bet. secs. 25 and 26.
	Over mountainous land, through scattering timber and undergrowth.
	Asc. 110 ft. over S. slope.
16.00	Spur, slopes W.; desc. 330 ft. over NW. slope.
29.00	Canyon, 50 lks. wide, course NE.
33.00	Same canyon, course NW.; asc. 170 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$
	S26   S25
	1925
	from which
	An oak, 6 ins. diam., brs S.82 $\frac{1}{4}$ °E., 32 lks. dist., marked $\frac{1}{4}$ S25 BT.
	An oak, 8 ins. diam., brs N.52°W., 7 lks. dist., marked $\frac{1}{4}$ S26 BT.
	Asc. 40 ft. over SW. slope.
43.00	Short spur, slopes W.; desc. 195 ft. over NW. slope.
49.00	Canyon, course W.; asc. 165 ft. over S. slope.
55.50	Short spur, slopes W.; desc. 240 ft. over NW. slope.
70.40	Canyon, 60 lks. wide, course NE.
71.20	Wire fence, brs NE. and SW.
75.00	Same canyon, course NW.; asc. 200 ft. over S. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25, and 26, marked on brass cap
	T3S R31E
	S23   S24
	<del>S26   S25</del>
	1925
	from which
	An oak, 12 ins. diam., brs N.86°E., 331 lks. dist., marked T3S R31E S24 BT.
	A black oak, 5 ins. diam., brs S.86°E., 298 lks. dist., marked T3S R31E S25 BT.
	A black oak, 14 ins. diam., brs S.54°W., 155 lks. dist., marked T3S R31E S26 BT.
	A juniper, 12 ins. diam., brs N.19°W., 190 lks. dist., marked T3S R31E S23 BT.
	Land, rolling and mountainous.
	Soil, volcanic, 2nd rate.
	Timber, pine, oak, and juniper.
	Undergrowth, oak brush and buck brush.
	<hr/>
40.00	S.89°58'E., on random line bet. secs. 24 and 25.
	Set temp. $\frac{1}{4}$ sec. cor.



Survey of the Subdivision of T3S, R31E.

Chains.

80.04 Intersect the E. bdy. of the Tn., 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described.

Thence

N. 89° 59' W., on true line bet. secs. 24 and 25.

Over mountainous land, through scattering timber and undergrowth.

Desc. 315 ft. over W. slope.

9.50 Coal creek, 50 lks. wide, dry, course N.

Asc. 520 ft. over NW. slope.

29.00 Short spur, slopes N.; desc. 260 ft. over NW. slope.

39.10 Ravine, course N.; asc. 60 ft. over E. slope.

40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S24  
S25  
1925

from which

A cedar, 6 ins. diam., brs N. 42° E., 62 lks. dist., marked  $\frac{1}{4}$  S24 BT.

A pinyon, 16 ins. diam., brs S. 35° W., 182 lks. dist., marked  $\frac{1}{4}$  S25 BT.

Asc. 315 ft. over E. slope.

49.06 Spur, slopes N.; desc. ; desc. 115 ft. over W. slope.

54.50 Ravine, course N.; asc. 50 ft. over E. slope.

62.00 Spur, slopes NW.; desc. 170 ft. over SW. slope.

63.00 Trail, brs SE. and NW.

71.32 Fence, brs SW. and NE.

80.04 The cor. of secs. 23, 24, 25, and 26.

Land, mountainous.

Soil, volcanic, 2nd rate.

Timber, cedar, juniper and oak, pinyon.

Undergrowth, oak brush, catclaw, and bunch grass.

N. 0° 01' W., bet. sec's. 23 and 24.

Over mountainous land, through scattering timber.

Asc. 56 ft. over S. slope.

4.22 Spur, slopes NW.

Mound on Sunset peak, brs S. 73° W.

Desc. N. slope. 152 ft.

6.42 Trail, brs SE. and NW.

16.00 Head of wash, 10 lks. wide, course NW.; asc. 49 ft. over S. slope.

19.42 Spur, slopes NE.; desc. 187 ft. over N. slope.

30.00 Wash, 20 lks. wide, course E.; asc. 52 ft. over S. slope.

38.06 Spur, slopes NE.; desc. 25 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S23 | S24

1925

from which

A juniper, 18 ins. diam., brs S. 10 $\frac{1}{2}$ ° W., 72 lks. dist., marked  $\frac{1}{4}$  S23 BT.

A juniper, 10 ins. diam., brs S. 84° W., 235 lks. dist., marked  $\frac{1}{4}$  S23 BT.

Desc. 460 ft. over NW. slope.

66.00 Gulch, course NW.; asc. 150 ft. over SE. slope.

77.00 Short spur, slopes E.; desc. NE. slope.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 13, 14, 23, and 24., marked on brass cap.

T3S R31E  
S14 | S13  
S23 | S24

1925

from which

A black oak, 6 ins. diam., brs N. 71° E., 19 lks. dist., marked T3S R31E S13 BT.

A juniper, 14 ins. diam., brs S. 36° W., 18 lks. dist., marked T3S R31E S23 BT.

A yellow pine, 16 ins. diam., brs S. 72 $\frac{3}{4}$ ° W., 339 lks. dist., marked T3S R31E S23 BT.

A cedar, 18 ins. diam., brs N. 26 $\frac{3}{4}$ ° W., 87 lks. dist., marked T3S R31E S14 BT.

Land, mountainous.

Soil, volcanic, 2nd rate.

Timber, cedar, juniper, and oak.

Undergrowth, oak, catclaw, and bunch grass.

S. 89° 59' E., on random line bet. secs. 13 and 24.

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

80.06 Intersect the E. bdy. of the Tp., 5 lks. N. of the cor. of secs. 13, 18, 19, and 24, hereinbefore described.

Thence

N. 89° 57' W., on true line bet. secs. 13 and 24.

Over rolling mountains, through scattering timber and undergrowth.

Desc. 68 ft. over W. slope.

4.87 Wash, 10 lks. wide, course NE.; asc. 75 ft. over NW. slope

12.00 Rim of canyon, brs N. and S.; thence across mesa

24.33 Desc. 80 ft. over W. slope.

29.08 Wash, 20 lks. wide, course NW.; asc. 60 ft. over NW. slope

35.00 Over rolling mesa land.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap $\frac{1}{4}$  S13

S24

1924

Raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
No bearing trees available.

Over level mesa.

50.00 Leave mesa, brs N. and S.; desc. 460 ft. over SW. slope.

71.36 Trail, brs NW. and SE.

74.10 Enter wash, course NW.

77.90 Leave same wash, course NW.

Fence, brs NW. and SE.

Asc. 80 ft. over E. slope.

80.06 The cor. of secs. 13, 14, 23, and 24.

Land, rolling and mountainous.

Soil, volcanic, 2nd rate.

Timber, oak, cedar, juniper, and pinyon.

Undergrowth.

N. 0° 1' W., bet. secs. 13 and 14.

Over rolling mountains, through scattering timber and  
undergrowth.

Survey of the Subdivision of T3S, R31E.

Chains.

- 1.50 Desc. 20 ft. over NW. slope. Gulch, 15 lks. wide, course SW.; asc. 300 ft. over SE. slope.
- 3.42 Trail, brs SE. and NW.
- 8.50 Same trail, brs SW. and NE.
- 12.72 Rock point, brs E. and W.; desc. 260 ft. over NW. slope.
- 20.75 Head of ravine, course NW.; asc. 530 ft. over SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam.; 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass

$\frac{1}{4}$   
S14 | S13

1925

from which

- A cedar limb, 12 ins. diam., brs S:75°E., 50 lks. dist., marked  $\frac{1}{4}$  S13 BT.
- A cedar limb, 4 ins. diam., brs N.33°W., 27 lks. dist., marked BT.

- Asc. 120 ft. over SE. slope.
- 43.30 Trail, brs NW. and SE.
- 51.12 Same trail, brs NE. and SW.
- 60.90 Same trail, brs NW. and SE.
- Desc. slightly over west slope of mesa.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, marked on brass cap

T3S R31E  
S11 | S12  
S14 | S13

1925

from which

- A cedar, 12 ins. diam., brs S.75 $\frac{1}{2}$ °E., 153 lks. dist., marked T3S R31E S13 BT.
- A cedar, 12 ins. diam., brs N.1°E., 118 lks. dist., marked T3S R31E S12 BT.

Land, mountainous.  
Soil, volcanic, 2nd rate.  
Timber, oak, cedar, pine, and pinyon.  
Undergrowth, oak brush.

- 40.00 S.80°57'E., on random line bet. secs. 12 and 13. Set temp.  $\frac{1}{4}$  sec. cor.
- 79.88 Intersect the E. bdy. of the Tp., 5 lks. N. of the cor. of secs. 7, 12, 13, and 18, hereinbefore described.

Thence

N.89°55'W., on true line bet. secs. 12 and 13.  
Over rolling land, through scattering timber and undergrowth.

- Desc. 220 ft. over E. slope.
- 13.40 Canyon, course N.; asc. 280 ft. over E. slope.
- 23.90 Rim of mesa, brs N. and S.; asc. 130 ft. over E. slope.
- 39.94 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S12  
S13  
1925

from which

- A juniper, 10 ins. diam., brs S.79 $\frac{1}{2}$ °E., 512 lks. dist., marked  $\frac{1}{4}$  S13 BT.
- No other bearing tree available.

Chains.	Asc. 315 ft. over E. slope. Strike another mesa, brs N. and S. Leave mesa, brs N. and S.; desc. 80 ft. over W. slope. The cor. of secs. 11, 12, 13, and 14.
51.90	Land, mountainous.
78.60	Soil, volcanic, 2nd rate.
79.88	Timber, oak, cedar, pine, and pinyon. Undergrowth, oak brush.
	<hr/>
	N. 0° 1' W., bet. secs. 11 and 12. Over rolling mountains, through scattering timber and undergrowth. Asc. 50 ft. over SW. slope: Strike mesa, brs NW. and SE.; and thence across same. Mound of stone on Sunset Point brs S. 56° 04' W. Leave mesa, brs NE. and SW.; desc. 305 ft. over N. slope. Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
3.55	
32.66	
32.84	
40.00	
	$\frac{1}{4}$ S11   S12 1925
	from which A pinyon, 15 ins. diam., brs N. 82° W., 35 lks. dist., marked $\frac{1}{4}$ S11 BT. An oak, 4 ins. diam., brs N. 6° E., 17 lks. dist., marked BT only. Desc. 1100 ft. over N. slope.
80.00	True point for cor. of secs. 1, 2, 11, and 12 falls on S. edge of Hayden Cienega Creek, where it is impracticable to set monument. Witness cor. to this cor. is hereinafter described in notes of line between secs 2 and 11, later.
	Land, mountainous. Soil, volcanic, 4th rate. Timber, oak, cedar, and pinyon. Undergrowth, oak brush buck brush, mesquite, catclaw, and bunch grass.
	<hr/>
	From true point for cor. of secs. 1, 2, 11, and 12. S. 89° 55' E., on random line bet. secs. 1 and 12. Set temp. $\frac{1}{4}$ sec. cor. Intersect the cor. of secs. 1, 6, 7, and 12, on E. bdy. of the Twp., hereinbefore described.
40.00	
79.86	
	Thence N. 89° 55' W., on true line bet. secs. 1 and 12. Over mountainous land, through scattering timber and undergrowth. Desc. 160 ft. over SE. slope. Wash, 50 lks. wide, course SE.; asc. 430 ft. over SE. slope.
4.60	
31.31	Top of spur, slopes S.; desc. 80 ft. over S. slope.
39.93	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, and raise a mound of stone, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

Chains.

from which  
A cedar, 12 ins. diam., brs N.78°W., 56 lks. dist.,  
marked  $\frac{1}{4}$  S1 BT.

A cedar, 4 ins. diam., brs S.76°W., 130 lks. dist.,  
marked  $\frac{1}{4}$  S12 BT.

Desc. 390 ft. over SW. slope.

59.40 Trail, brs NW. and SE.

72.20 Desc. steep W. slope 380 ft.

79.50 Hayden Cienega Creek, 15 lks. wide, 12 ins. deep, course  
NW.

79.86 True point for cor. of secs. 1,2,11, and 12.

Land, mountainous.  
Soil, volcanic, 34e rate.  
Timber, oak, cedar, and pinyon.  
Undergrowth, catclaw, bunch grass.

From the true point for cor. of secs. 1,2,11, and 12.  
North, on random line bet. secs. 1 and 2.

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

79.70 Intersect the cor. of secs. 1,2,35, and 36 on the N. bdy.  
of the Tp., hereinbefore described.

Thence

South, on true line bet. secs. 1 and 2.

Over mountainous land, through scattering timber and  
undergrowth:

Desc. 300 ft. over S. slope.

12:00 Canyon, 15 lks. wide, course SW.; asc. 340 ft. over NW.  
slope.

26.50 Top of ascent; then across flat spur, slopes W.

38.00 Rim of canyon, brs NW. and SE.; desc. 40 ft. over SW.  
slope.

39.70 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 2 | S 1

1925

No bearing trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor  
Desc. 1320 ft. over S. slope.

69.20 Trail, brs N70°E., and S.70°W.

79.50 Hayden Cienega Creek, 15 lks. wide, 12 ins. deep, course  
N.70°W.

79.70 The true point for cor. of secs. 1,2,11, and 12.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, juniper and cedar.  
Undergrowth, catclaw and yucca.

From the cor. of secs. 2,3,34, and 35 on the S. bdy. of  
the Tp., hereinbefore described.

N.0°1'W., bet. secs. 34 and 35.

Over rolling mountainous land, through scattering timber  
and undergrowth.

Desc. 200 ft. over NW. slope.

15.00 Canyon, 20 lks. wide, course NE.; asc. 90 ft. over SE.  
slope.

37.00 Spur, slopes NE.; desc. slightly.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in  
the ground, to bed rock and raise a mound of stone a-



Survey of the Subdivision of T3S, R31E.

Chains.	<p>Desc. 190 ft. over W. slope.</p>
50.90	<p>Canyon, 40 lks. wide, course N.20°E.; asc. 235 ft. over E. slope.</p>
63.70	<p>Wire fence, brs N30°E. and S.30°W.</p>
67.00	<p>Ridge, brs N.20°E. and S.20°W.; desc. 145 ft. over W. slope.</p>
79.70	<p>Trail on ridge, brs N.20°E. and S.20°W.</p>
80.04	<p>Drain, course EW.; asc. slightly.</p> <p>The cor. of secs. 26, 27, 34, and 35.</p>
	<p>Land, rolling and mountainous.</p> <p>Soil, volcanic; 2nd rate.</p> <p>Timber, oak and juniper.</p> <p>Undergrowth, bunch grass and yucca.</p>
	<hr/> <p>N.0°1'W., bet. secs. 26 and 27.</p> <p>Over rolling and mountainous land, through scattering timber and undergrowth.</p>
.30	<p>Gully, course EW.; thence over broken W. slope.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock and raise a mound of stone around post, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p>
	<p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S27   S26</p> <p style="text-align: center;">1925</p> <p>from which</p> <p>A juniper, 10 ins. diam., brs N.18°E., 200 lks. dist., marked <math>\frac{1}{4}</math> S26 BT.</p> <p>An oak, 6 ins. diam.; brs S.14<math>\frac{1}{2}</math>°W., 99 lks. dist., marked <math>\frac{1}{4}</math> S27 BT.</p>
	<p>Continue over W. slope.</p>
50.40	<p>Trail, brs E. and W.</p>
52.80	<p>Desc. 180 ft. over NW. slope.</p>
63.30	<p>Canyon, 25 lks. wide, course NE.; asc. 220 ft. over SE. slope.</p>
66.00	<p>Land becomes more open, brs E. and W.</p>
79.20	<p>Drain, course E.; asc. slightly.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 22, 23, 26, and 27., marked on brass cap</p>
	<p style="text-align: center;">T3S R31E</p> <p style="text-align: center;">S22   S23</p> <p style="text-align: center;">S27   S26</p> <p style="text-align: center;">1925</p> <p>from which</p> <p>A juniper, 16 ins. diam., brs N.61°W., 380 lks. dist., marked T3S R31E S22 BT.</p> <p>No other bearing tree available.</p>
	<p>Land, rolling and mountainous.</p> <p>Soil, volcanic, 2nd rate.</p> <p>Timber, pine, oak, and juniper.</p> <p>Undergrowth, oak brush and buck brush.</p>
	<hr/> <p>N.89°56'E., on random line bet. secs. 23 and 26.</p>
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
79.98	<p>Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 23, 24, 25, and 26.</p>

Chains.	
	Thence S. 89° 59' W., on true line bet. secs. 23 and 26. Over mountainous land, through scattering timber and undergrowth.
	Desc. 245 ft. over W. slope.
11.00	Spur, slopes SW.; Continue descent.
15.30	Intermittent water in canyon, course NW.; asc. 70 ft. over E. slope.
17.00	Short spur, slopes N.; desc. 100 ft. over W. slope.
19.70	Intermittent water in same canyon, course SW.; asc. 120 ft. over SE. slope.
28.00	Short spur, slopes S.; desc. 150 ft. over SW. slope.
32.80	Canyon, course NW.; asc. 240 ft. over NW. slope.
39.99	True point for $\frac{1}{4}$ sec. cor. falls on rock slide, where it is impracticable to set monument.
40.39	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S23 WC S26 1925
	from which An oak, 8 ins. diam., brs N. 33 $\frac{3}{4}$ ° W., 49 lks. dist., marked $\frac{1}{4}$ S23 WC BT. An oak, 4 ins. diam., brs S. 38° W., 75 lks. dist., marked $\frac{1}{4}$ S26 WC BT. Asc. 150 ft. over E. slope.
43.55	Sharp spur, slopes N.; desc. 380 ft. over NW. slope.
64.00	Canyon, course N.; asc. 250 ft. over E. slope.
71.00	Leave brush and scattering timber, brs N. and S.
79.98	The cor. of secs. 22, 23, 26, and 27.
	Land, rolling mountains. Soil, volcanic, 2nd rate. Timber, pine, oak, and juniper. Undergrowth, oak brush and buck brush.
	N. 0° 1' W., bet. secs. 22 and 23. Over rolling and mountainous land, through scattering timber and undergrowth. Asc. 313 ft. over SE. slope.
24.00	Spur, slopes NE.; desc. 570 ft. over N. slope.
39.70	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bed rock, and raise a mound of stone around post, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ WC S22   S23 1925
	from which A cedar, 24 ins. diam., brs S. 13° E., 37 lks. dist., marked $\frac{1}{4}$ S23 WC BT. A juniper, 14 ins. diam., brs S. 3° W., 112 lks. dist., marked $\frac{1}{4}$ S22 WC BT.
40.00	True point for $\frac{1}{4}$ sec. cor. falls in small gully, course NE.
	Desc. N. slope slightly.
43.00	Short spur, slopes NE.; desc. 474 ft. over NE. slope.
55.00	Main canyon, 50 lks. wide, from SE. course NE.; asc. 180 ft. over SE. slope.
59.00	Short spur, slopes NE.; desc. 200 ft. over NW. slope.



Survey of the Subdivision of T3S, R31E.

Chains.

66.00 Same main canyon, course N.; thence follow down same.  
 79.00 Same canyon turns to NW.; asc. 20 ft. over SW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 14, 15, 22, and 23, marked on brass cap

T3S	R31E
S15	S14
S22	S23

1925

from which

- A white oak, 6 ins. diam., brs N. 57 $\frac{1}{2}$ ° E., 17 lks. dist., marked T3S R31E S14 BT.
- A yellow pine, 20 ins. diam., brs S. 3° E., 187 lks. dist., marked T3S R31E S23 BT.
- A black oak, 10 ins. diam., brs S. 49° W., 29 lks. dist., marked T3S R31E S22 BT.
- A sycamore, 10 ins. diam., brs N. 47 $\frac{1}{2}$ ° W., 31 lks. dist., marked T3S R31E S15 BT.

Land, rolling mountains.  
 Soil, volcanic, 2nd rate.  
 Timber, pine, oak, and juniper.  
 Undergrowth, oak brush, buck brush.

N. 89° 59' E., on random line bet. secs. 14 and 23.  
 Over mountainous land, through scattering timber and undergrowth.

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

Thence  
 N. 89° 55' W., on true line bet. secs. 14 and 23.  
 Over mountainous land, through scattering timber and undergrowth.

27.30 Asc. 650 ft. over E. slope.  
 39.98 Strike mesa land, brs N. and S.  
 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$	S14
S23	

1925

from which

- An oak, 20 ins. diam., brs N. 44 $\frac{1}{2}$ ° W., 83 lks. dist., marked  $\frac{1}{4}$  S14 BT.
- An oak, 12 ins. diam., brs S. 78 $\frac{1}{2}$ ° W., 193 lks. dist., marked  $\frac{1}{4}$  S23 BT.

Continue over rolling mesa.

46.50 Trail, brs NW. and SE.  
 55.50 Edge of mesa, brs NW. and SE.; desc. 896 ft. over SW. slope to gully.  
 76.00 Gully, course SW.  
 79.96 The cor. of secs. 14, 15, 22, and 23.

Land, rolling and mountainous.  
 Soil, volcanic, 2nd rate.  
 Timber, oak, cedar, and juniper.  
 Undergrowth, oak, bunch grass and buck brush.

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Survey of the Subdivision of T3S,R31E.

32  
Chains.

N.0°1'W., bet. secs. 14 and 15.

Over mountainous land, through scattering timber and undergrowth.

Asc. 950 ft. over SW. slope.

27.00 Short spur, slopes W.; desc. 180 ft. over N. slope.

37.50 Head of gulch, course W.; then along W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap $\frac{1}{4}$ 

S15 | S14

1925

Deposit a stone marked with a cross (X) at base of post

Asc. 300 ft. over S. slope.

49.40 Asc. 20 ft. over gentle S. slope.

54.00 Long spur, slopes NW.; desc. over N. slope of mesa 178 ft.

74.68 Desc. 190 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, marked on brass cap

T3S R31E

S10 | S11

S15 | S14

1925

from which

A pinyon, 8 ins. diam., brs S.57°W., 83 lks. dist., marked T3S R15 S15 BT.

A cedar, 10 ins. diam., brs S.65°E., 100 lks. dist., marked T3S R31E S14 BT.

A pinyon, 16 ins. diam., brs N.16°W., 140 lks. dist., marked T3S R31E S10 BT.

A pinyon, 10 ins. in diam., brs N.2°E., 160 lks. dist., marked T3S R31E S11 BT.

Land, rolling and mountainous.

Soil, volcanic, 2nd rate.

Timber, oak, cedar, juniper, and pinyon.

Undergrowth, buck brush and cacti.

S.89°55'E., on random line bet. secs. 11 and 14.

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

80.06 Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 11, 12, 13, and 14.

Thence

N.89°51'W., on true line bet. secs 11 and 14.

Over mountainous land, through scattering timber and undergrowth.

Desc. over cliffs, facing SW., 580 ft.

9.00 Head of short ravine, course S.; asc. 40 ft. over E. slope

17.00 Red hill, brs N. and S.; desc. 90 ft. over W. slope.

22.00 Thence over bench land.

26.40 Trail, brs N. and S.

28.60 Desc. general W. slope 250 ft.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap $\frac{1}{4}$  S11

S14

1925

from which

Survey of the Subdivision of T3S, R31E.

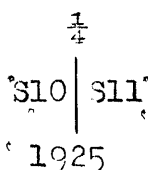
Chains.

A white oak, 8 ins. diam., brs S. 78° E., 78 lks. dist., marked  $\frac{1}{4}$  S14 BT.  
 A black oak, 10 ins. diam., brs N. 44 $\frac{1}{2}$ ° E., 124 lks. dist., marked  $\frac{1}{4}$  S11 BT.

46.70 Desc. 90 ft. over W. slope.  
 Coal creek, dry, 50 lks. wide, course N. 20° W.  
 Asc. 790 ft. over cliffs, facing E.  
 72.80 Short spur, slopes N.; desc. 165 ft. over NW. slope.  
 76.60 Short ravine, course NE.; asc. 80 ft. over E. slope.  
 80.06 The cor. of secs. 10, 11, 14, and 15.

Land, mountainous.  
 Soil, volcanic, 4th rate.  
 Timber, oak, cedar, and pinyon.  
 Undergrowth, catclaw, bunch grass, oak brush, mesquite, and buck brush.

4.77 N. 0° 1' W., bet. secs. 10 and 11.  
 18.80 Over mountainous land, through scattering timber and undergrowth.  
 Desc. 400 ft. over NE. slope to top of cliffs.  
 Small ravine, course NE.; continue descent.  
 29.50 Top of cliffs, brs SE. and NW.; then desc. 440 ft. over NE. slope.  
 39.00 Thence over flat.  
 40.00 Desc. 20 ft. over NE. slope.  
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap



from which  
 A cedar, 3 ins. diam., brs N. 33 $\frac{1}{2}$ ° E., 29 lks. dist., marked BT.  
 A pine, 4 ins. diam., brs N. 2 $\frac{1}{2}$ ° W., 81 lks. dist., marked BT.  
 Desc. 300 ft. over NE. slope.  
 59.00 Enter Coal creek bottom land, brs NW. and SE.  
 60.20 Center of main channel of Coal creek, 30 lks. wide, course N. 20° W.; thence across very rock flat.

75.00 Asc. 100 ft. over SW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 2, 3, 10, and 11, marked on brass cap



from which  
 A pinyon, 6 ins. diam., brs N. 83 $\frac{1}{2}$ ° E., 147 lks. dist., marked T3S R31E S2 BT.  
 A cedar, 14 ins. diam., brs S. 84 $\frac{1}{2}$ ° E., 169 lks. dist., marked T3S R31E S11 BT.  
 A cedar, 3 ins. diam., brs N. 3° W., 85 lks. dist., marked T3S R31E S3 BT.  
 No other bearing tree available.

The chain is... (See page 20).

Chains.

Land, mountainous.  
Soil, volcanic, 4th rate.  
Timber, oak, cedar, pine, and pinyon.  
Undergrowth, oak brush.

40.00 S.  $89^{\circ}51'E.$ , on random line bet. secs. 2 and 11.  
Set temp.  $\frac{1}{4}$  sec. cor.  
75.28 Set temp. witness cor. for secs. 1, 2, 11, and 12.  
79.78 Intersect the N. and S. line, 2 lks. S. of the true point  
for cor. of secs. 1, 2, 11, and 12.

Thence  
N.  $89^{\circ}52'W.$ , on true line bet. secs. 2 and 11.  
Over mountainous land, through scattering timber and  
undergrowth.

4.50 Along N. slope.  
Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in  
the ground to bed rock, and raise a mound of stone a-  
round post, for witness <sup>cor.</sup> to cor. of secs. 1, 2, 11, and 12,  
marked on brass cap.

T3S	R31E
S 2	S 1
S11	S12 WC

1925

from which

A cedar, 12 ins. diam., brs S.  $13^{\circ}E.$ ; 85 lks. dist.,  
marked T3S R31E S12 WC BT.  
A cedar, 10 ins. diam., brs S.  $64^{\circ}15'E.$ , 148 lks. dist.,  
marked T3S R31E S12 WC BT.  
A cedar, 6 ins. diam., brs N.  $61^{\circ}W.$ ; 170 lks. dist.,  
marked T3S R31E S2 WC BT.  
No other bearing trees available.

39.89 Continue along N. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in  
the ground to bed rock, and raise a mound of stone a-  
round post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

 $\frac{1}{4}$  S 2

S11

1925

from which

A black oak, 6 ins. diam., brs N.  $19^{\circ}E.$ , 57 lks. dist.,  
marked  $\frac{1}{4}$  S2 BT.  
A white oak, 6 ins. diam., brs S.  $80^{\circ}E.$ , 32 lks. dist.,  
marked  $\frac{1}{4}$  S11 BT.

Desc. 250 ft. over W. slope.

57.40 Gully, course N.; asc. 70 ft. along N. slope.  
76.40 Trail, 3 lks. wide; course NE. and SE.  
78.50 Spur, slopes NW.; desc. 25 ft. over W. slope.  
79.78 The cor. of secs. 2, 3, 10, and 11.

Land, mountainous.  
Soil, volcanic, 2nd rate.  
Timber, oak, cedar, and pinyon.  
Undergrowth, oak brush and catclaw.

40.00 North, on random line bet. secs. 2 and 3.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.48 Intersect the N. bdy. of the Tp., 32 lks. S.  $89^{\circ}56'E.$  of  
the cor. of secs. 2, 3, 34, and 35, hereinbefore des-  
cribed.

Thence  
S.  $0^{\circ}14'E.$ , on true line bet. secs. 2 and 3.

## Survey of the Subdivision of T3S, R31E.

35

Chains	
	Over mountainous land, through scattering timber and undergrowth.
	Desc. slightly.
1.20	Enter river bottom land, brs NE. and SW.
5.00	Center of San Francisco river, 40 lks. wide, 10 ins. deep, course SW.
15.50	Leave river bottom, brs NE. and SW.; asc. 160 ft. over NW. slope.
20.70	Short spur slopes W.; desc. 120 ft. over SW. slope.
25.50	Gully, course W.; asc. 210 ft. over NW. slope.
39.20	Short spur, slopes W.
39.48	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$
	S 3   S 2
	1925
	from which
	A cedar, 4 ins. diam., brs S. 78 $\frac{1}{2}$ ° E., 210 lks. dist., marked $\frac{1}{4}$ S2 BT.
	A cedar, 6 ins. diam., brs N. 18 $\frac{3}{4}$ ° W., 195 lks. dist., marked $\frac{1}{4}$ S3 BT.
39.63	Chimney in stone building, brs S. 52° 48' W., about 15 chs. dist.
	Shed brs S. 51° 15' W., about 17 chs. dist.
	Corral, brs S. 32 $\frac{1}{2}$ ° W., about 20,00 chs. dist.
Desc.	220 ft. over SW. slope.
51.00	Foot of spur, slopes W.; then over level flat.
59.00	Enter creek bottom, brs NW. and SE.
65.20	Hayden Cienega creek, 25 lks. wide, 10 ins. deep, running, course NW.
65.50	Leave creek bottom, brs NW. and SE.; asc. 100 ft. over NE. slope.
78.20	Spur, slopes NW.; desc. slightly to cor.
79.48	The cor. of secs. 2, 3, 10, and 11.

Dand, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cottonwood, sycamore and hackberry.  
Undergrowth, arrow weed, yucca, and catclaw.

	From the cor. of secs. 3, 4, 33, and 34 on the S. bdy. of the tp., hereinbefore described.
	N. 0° 2' W., on true line bet. secs. 33 and 34.
	Over mountainous land, through scattering timber and undergrowth.
	Over rolling N. slope.
8.30	Wire fence, brs S. 85° E. and N. 85° W.
20.00	Desc. slightly over NE. slope.
32.00	Rim of canyon, brs NW. and SE.; desc. 410 ft. over steep NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam.; 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

 $\frac{1}{4}$ 

S 33 | S 34

1925

from which

A cedar, 5 ins. diam., brs S. 4° E., 68 lks. dist., marked  $\frac{1}{4}$  S34 BT.

An oak, 8 ins. diam., brs N. 2 $\frac{1}{2}$ ° W., 237 lks. dist., marked  $\frac{1}{4}$  S33 BT.

## Chains.

	Desc. 180 ft. over NE. slope.
45.00	Canyon, 30 lks. wide, course NW.
55.00	Bend in same canyon, from SW., course NW.
67.00	Same canyon, 30 lks. wide, course NE.
76.00	Same canyon, 30 lks. wide, course N. 30° W.
80.00	The true point for cor. of secs. 27, 28, 33, and 34 falls in center of canyon, 30 lks. wide, course NE., where it is impracticable to set monument.
	Witness cor. to this sec. consists hereinafter described in notes of line bet. secs. 28 and 33.
	Land, rolling and mountainous.
	Soil, volcanic, 2nd rate.
	Timber, oak, and juniper.
	Undergrowth, oak brush and buck brush.
	<hr/>
	From the true point for cor. of secs. 27, 28, 33, and 34.
40.00	East, on random line bet. secs. 27 and 34.
79.92	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect the N. and S. line, 22 lks. S. of the cor. of secs. 26, 27, 34, and 35.
	Thence
	S. 89° 51' W., on true line bet. secs. 27 and 34
	Over mountainous land, through scattering timber and undergrowth.
	Desc. 30 ft. over NW. slope:
4.90	Canyon, 10 lks. wide, course N.; asc. 120 ft. over E. slope.
16.50	Spur, slopes N.; desc. 80 ft. over W. slope.
23.30	Gulch, course N.; asc. 115 ft. over E. slope.
32.50	Spur, slopes N.; desc. 115 ft. over NW. slope.
39.70	Gulch, 8 lks. wide, course N.
39.96	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S27 S34 1925
	from which
	An oak, 6 ins. diam., brs S. 81 $\frac{1}{4}$ ° E., 221 lks. dist., marked $\frac{1}{4}$ S34 BT.
	An oak, 4 ins. diam., brs N. 33 $\frac{1}{2}$ ° W., 25 lks. dist., marked $\frac{1}{4}$ S27 BT.
	Asc. 110 ft. over E. slope.
47.50	Spur, slopes N.; desc. 90 ft. over W. slope.
53.60	Gulch, 8 lks. wide, course N. 25° E.; asc. 70 ft. over E. slope.
61.00	Ridge, brs N. and S.; desc. 540 ft. over W. slope.
78.40	Enter canyon, brs N. and S.
79.92	The true point for cor. of secs. 27, 28, 33, and 34.
	Land, mountainous.
	Soil, volcanic, 3rd rate.
	Timber, oak and juniper.
	Undergrowth, oak brush and buck brush.
	<hr/>
	From the true point for cor. of secs. 27, 28, 33, and 34.
	N. 0° 2' W., bet. secs. 27 and 28.
	Over mountainous land, through scattering timber and undergrowth.
	Along E. slope.
5.00	Canyon, 30 lks. wide, course NW.; asc. 430 ft. over SW. slope.
38.80	Top of cliff; 20 ft. high, brs NW. and SE.

## Survey of the Subdivision of T3S, R31E.

37

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bed rock; and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S28 | S27

1925

from which

A cedar, 8 ins. diam.; brs S. 58° E., 52 lks. dist., marked  $\frac{1}{4}$  S27 BT.

No other bearing tree available.

Asc. 365 ft. over SW. slope.

60.00 Spur, slopes NW.; desc. 290 ft. over N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 21, 22, 27, and 28, marked on brass cap

T3S R31E  
S21 | S22  
S28 | S27

1925

from which

An oak, 14 ins. diam., brs N. 26° E., 65 lks. dist., marked T3S R31E S22 BT.

An oak, 5 ins. diam., brs S. 39° E., 95 lks. dist., marked T3S R31E S27 BT.

A juniper, 6 ins. diam., brs S. 63° W., 59 lks. dist., marked T3S R31E S28 BT.

An oak, 5 ins. diam., brs N. 20 $\frac{1}{2}$ ° W., 60 lks. dist., marked T3S R31E S21 BT.

Land, rolling and mountainous.

Soil, volcanic, 2nd rate.

Timber, pine, oak, and juniper.

Undergrowth, oak, and buck brush.

40.00 N. 89° 51' E., on random line bet. secs. 22 and 27.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.80 Intersect the N. and S. line, 35 lks. N. of the cor. of secs. 22, 23, 26, and 27

Thence

N. 89° 54' W., on true line bet. secs. 22 and 27.

Over mountainous land, through scattering timber and undergrowth.

Asc: 290 ft. over E. slope:

20.80 Ridge, brs N. 30° E. and S. 30° W.; then over NW. slope.

31.00 Draw, course N. 25° W.; thence over NE. slope.

39.90 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock; deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S22  
S27

1925

No bearing trees available.

41.00 Spur, slopes NW.; desc. 200 ft. over SW. slope.

62.50 Gulch, 8 lks. wide, course NW.; asc. 100 ft. over NE. slope.

71.80 Spur, slopes NW.; desc. 150 ft. over SW. slope.

79.10 Gulch, 6 lks. wide, course NW.; asc. 15 ft. over N. slope.

79.80 The cor. of secs. 21, 22, 27, and 28.

## Chains.

Land, rolling and mountainous.  
Soil, volcanic, 2nd rate.  
Timber, oak and juniper.  
Undergrowth, bunch grass and yucca.

N.0°2'W., bet. secs. 21 and 22.

Over mountainous land, through scattering timber and undergrowth.

Desc. 20 ft. over N. slope.

.40 Canyon, 15 lks. wide, course NW.; asc. 160 ft. over SW. slope.

9.50 Spur, slopes NW.; desc. 450 ft. over NE. slope.

23.00 Short spur, slopes NE.; desc. N. slope.

29.50 Canyon, 20 lks. wide, course NW.; asc. 240 ft. over SW. slope.

35.50 Spur, slopes S.70°W.; then over W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S21 | S22  
1925

from which

An oak, 4 ins. diam., brs N.48°E., 22 lks. dist., marked  $\frac{1}{4}$  S22 BT.

An oak, 4 ins. diam., brs N.7°W., 75 lks. dist., marked  $\frac{1}{4}$  S21 BT.

Over W. slope.

50.00 Spur, slopes N. 70°W.; desc. 340 ft. over N. slope.

62.00 Canyon, 20 lks. wide, course N.70°W.; asc. 330 ft. over S. slope.

72.50 Spur, slopes S.70°W.; desc. 70 ft. over NW. slope.

77.00 Drain, course W.; asc. 60 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 15,16,21, and 22, marked on brass cap

T3S R31E  
S16 | S15  
S21 | S22

1925

from which

A cedar, 8 ins. diam., brs N.54°E., 270 lks. dist., marked T3S R31E S15 BT.

A cedar, 4 ins. diam., brs S.38°E., 432 lks. dist., marked T3S R31E S22 BT.

A cedar, 6 ins. diam., brs S.24°W., 270 lks. dist., marked T3S R31E S21 BT.

No other tree available.

Land, mountainous.

Soil, volcanic, 3rd rate.

Timber, cedar, juniper, and mesquite.

Undergrowth, cat claw and yucca.

S.89°54'E., on random line bet. secs. 15 and 22.

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

79.78 Intersect the N. and S. line, 23 lks. S. of the cor. of secs. 14,15,22, and 23.

Thence



Survey of the Subdivision of T3S, R31E.

BOOK 3734

39

Chains.  
 .. S. 89° 56' W., on true line bet. secs. 15 and 22.  
 Over mountainous land, through scattering timber and  
 undergrowth.  
 1.78 Canyon, 50 lks. wide, course NW.; asc. 1100 ft. over NE.  
 slope.  
 33.30 Spur, slopes NW.; desc. 130 ft. over W. slope.  
 39.89 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in  
 the ground to bed rock, and raise a mound of stone a-  
 round post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S15  
 S22  
 1925

from which  
 A juniper, 8 ins. diam., brs S. 19° W., 150 lks. dist.,  
 marked  $\frac{1}{4}$  S22 BT.  
 A cedar, 8 ins. diam., brs N. 49° W., 170 lks. dist.,  
 marked  $\frac{1}{4}$  S15 BT.

Desc. 70 ft. over W. slope.  
 41.98 Canyon, 15 lks. wide, course NW.; asc. 170 ft. over NE.  
 slope.  
 55.00 Spur, slopes N.; ; desc. 330 ft. over W. slope.  
 64.30 Trail, brs NW. and SE.  
 68.00 Spur, slopes NW.; desc. 330 ft. over W. slope.  
 79.78 The cor. of secs. 15, 16, 21, and 22.

Land, mountainous.  
 Soil, volcanic, 3rd rate.  
 Timber, cedar, juniper, and mesquite.  
 Undergrowth, yucca and catclaw.

N. 0° 2' W., bet. secs. 15 and 16.  
 Over mountainous land, through scattering timber and  
 undergrowth.  
 Asc. 100 ft. over W. slope.  
 16.90 Trail, brs NW. and SE.  
 18.00 Spur, slopes W.; desc. 545 ft. over NE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in  
 the ground to bed rock, and raise a mound of stone  
 around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S16 | S15  
 1925

from which  
 A cedar, 8 ins. diam., brs N. 89° W., 122 lks. dist.,  
 marked  $\frac{1}{4}$  S16 BT.  
 A cedar, 8 ins. diam., brs S. 68° E., 72 lks. dist.,  
 marked  $\frac{1}{4}$  S15 BT.

Desc. 80 ft. over NE. slope.  
 43.00 Canyon, 25 lks. wide, course NW. (Intermittent stream of  
 water)  
 61.00 Spur, slopes W.; desc. 410 ft. over NW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., .8 ins. in  
 the ground to bed rock, and raise a mound of stone  
 around post, for cor. of secs. 9, 10, 15, and 16., marked  
 on brass cap

T3S R31E.  
 S 9 | S10  
 S16 | S15  
 1925

from which

## Survey of the Subdivision of T3S, R31E.

## Chains.

- A sycamore, 16 ins. diam., brs N. 3° E., 166 lks. dist.,  
marked T3S R31E S10 BT.  
A cedar, 4 ins. diam., brs S. 9° E., 50 lks. dist.,  
marked BT  
A cedar, 15 ins. diam., brs S. 32 $\frac{1}{4}$ ° W., 170 lks. dist.,  
marked T3S R31E S16 BT.  
A sycamore, 24 ins. diam., brs N. 15 $\frac{1}{4}$ ° W., 131 lks. dist.,  
marked T3S R31E S9 BT.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, juniper, and mesquite.  
Undergrowth, catclaw and yucca.

- 40.00 N. 89° 56' E., on random line bet. secs. 10 and 15.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.90 Intersect the N. and S. line, 7 lks. S. of the cor. of  
secs. 10, 11, 14, and 15.

- Thence  
7.70 S. 89° 53' W., on true line bet. secs. 10 and 15.  
18.90 Over mountainous land, through scattering timber and  
20.90 undergrowth. Desc. 550 ft. over W. slope to  $\frac{1}{4}$  sec. cor.  
26.00 Spur, slopes N.; continue over N. slope.  
Swale, slopes N.  
Trail, brs NW. and SE..  
Spur, slopes NW.

- 39.95 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in  
in the ground to bed rock, and raise a mound of stone  
around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S10  
S15  
1925

from which

- A yellow pine, 14 ins. diam., brs S. 7 $\frac{1}{4}$ ° E., 138 lks. dist.,  
marked  $\frac{1}{4}$  S15 BT.  
A cedar, 6 ins. diam., brs N. 73 $\frac{1}{2}$ ° E., 134 lks. dist.,  
marked  $\frac{1}{4}$  S10 BT.  
Desc. 550 ft. over W. slope.  
63.90 Dix creek canyon, with stream of water 4 lks. wide, 3 ins  
deep, course NW; thence over broken N. slope.  
79.90 The cor. of secs. 9, 10, 15, and 16.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, pinyon, and mesquite.  
Undergrowth, catclaw and yucca.

- 2.50 N. 0° 2' W., bet. secs. 9 and 10.  
Over mountainous land, through scattering timber and  
undergrowth.  
Desc. 70 ft. over N. slope.  
20.70 East fork of Dix creek, 50 lks. wide, with stream of water  
23.00 .4 lks. wide, 4 ins. deep, course NW.; asc. 180 ft. over  
31.50 SW. slope.  
Trail, brs NW. and SE.  
Spur, slopes NW.; then over broken W. slope.  
40.00 Gulch, 8 lks. wide, course W.  
Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in  
the ground to bed rock, and raise a mound of stone a-  
round post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

Survey of the Subdivision of T3S, R31E.

Chains.

$\frac{1}{4}$   
S 9 | S10  
-1925

from which  
A cedar, 10 ins. diam., brs N.7°E., 160 lks. dist.,  
marked  $\frac{1}{4}$  S10 BT.  
A cedar, 8 ins. diam., brs S.56 $\frac{1}{4}$ °W., 93 lks. dist.,  
marked  $\frac{1}{4}$  S9 BT.

Thence over broken W. slope.  
43.00 Gulch, 10 lks. wide, course W.  
45.50 Gulch, 10 lks. wide, course S.70°W.; asc. 381 ft. over  
SW. slope.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in  
the ground to bed rock, deposit a stone marked with a  
cross (X) at base of post, and raise a mound of stone  
around post, for cor. of secs. 3, 4, 9, and 10, marked  
on brass cap

T3S R31E  
S 4 | S 3  
S 9 | S10  
-1925

from which  
A cedar, 10 ins. diam., brs N.44°E., 150 lks. dist.,  
marked T3S R31E S3 BT.  
No other bearing tree available.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, pinyon, and mesquite.  
Undergrowth, catclaw and yucca.

40.00 N.89°53'E., on random line bet. secs. 3 and 10.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Intersect the N. and S. line, 5 lks. S. of the cor. of  
secs. 2, 3, 10, and 11.

Thence  
S.89°51'W., on true line bet. secs. 3 and 10.  
Over mountainous land, through scattering timber and  
undergrowth.  
6.00 Desc. 115 ft. over SW. slope.  
28.00 Enter rocky wash of coal creek, dry, course NW.  
Leave rocky wash of coal creek; dry, course NW.; asc.  
260 ft. over NE. slope.  
40.00 Spur, slopes N.  
40.05 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in  
the ground to bed rock, and raise a mound of stone a-  
round post, for  $\frac{1}{4}$  sec. cor., marked on brass cap.

$\frac{1}{4}$  S 3  
S10  
1925

from which  
A pinyon, 10 ins. diam., brs S.68°W., 24 lks. dist.,  
marked  $\frac{1}{4}$  S10 BT.  
A pinyon, 8 ins. diam., brs N.62°E., 89 lks. dist.,  
marked  $\frac{1}{4}$  S3 BT.  
Desc. 190 ft. over W. slope.  
47.50 Gulch, 40 lks. wide, course N.30°W.  
Mouth of gulch, from S.30°W.  
Asc. 230 ft. over E. slope of cliff.  
61.00 Spur, slopes NE.; asc. along broken N. slope.  
78.50 Hill on spur, slopes N.30°W.; desc. 40 ft. over W. slope.

42

Chains.

80.10 The cor. of secs. 3,4,9, and 10.

Land, mountainous.  
Soil, volcanic, 2nd rate.  
Timber, oak, cedar, and pinyon.  
Undergrowth, oak brush and catclaw.

40.00 North, on random line bet. secs. 3 and 4.  
Set temp.  $\frac{1}{4}$  sec. cor.79.60 Intersect the N. bdy. of the Tp., 5 lks. S.  $89^{\circ}56'E.$ , of  
the cor. of secs. 3,4,33, and 34, hereinbefore described.

Thence

S.  $0^{\circ}2'E.$ , on true line bet. secs. 3 and 4.Over mountainous land, through scattering timber and  
undergrowth.

Desc. 50 ft. over S. slope.

4.00 Enter bottom land, brs NW. and SE.

5.40 Center of San Francisco River, 50 lks. wide, 10 ins. deep, course NW.

9.00 Leave bottom land, brs NW. and SE.

9.50 Dism road, brs NW. and SE.

9.80 Irrigation ditch, course N.  $70^{\circ}W.$ 9.92 Intersect line 1-2 of H.E.S. No. 237. Bdy. at 7.48 chs. N.  $50^{\circ}00'W.$  from Cor. No. 2.

11.00 Small corral, 50 lks. wide, course W.

11.60 Lot fence, brs E. and W.; then over cultivated field.

21.00 Fence, brs E. and W.; leave cultivated field, brs E. and W.

Asc. 140 ft. over N. slope.

26.00 Spur, slopes NE.; over NE. slope.

32.18 Intersect line 3-4 of Bdy. of H.E.S. No. 237 at 5.73 chs. W. from Cor. No. 3.

39.60 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in  
the ground, to bed rock, deposit a stone marked with a  
cross (X) at base of post, and raise a mound of stone  
around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap $\frac{1}{4}$ 

S 4 | S 3

1925

No bearing trees available.

Asc. 420 ft. over NE. slope to sec. cor.

60.00 Spur, slopes NW.; then over W. slope.

74.00 Spur, slopes W.; continue asc. over N. slope.

79.60 The cor. of secs. 3,4,9, and 10.

Land, mountainous.

Soil, volcanic, 3rd rate.

Timber, cedar, juniper and mesquite.

Undergrowth, catclaw and yucca.

From the cor. of secs. 4,5,32, and 33, on the S. bdy. of  
the Tp., hereinbefore described.N.  $0^{\circ}2'W.$ , on true line bet. secs. 32 and 33

Over rolling land, through scattering timber and undergrowth

.10 Drain, course SW.

Asc. 50 ft. over W. slope.

10.00 Wire fence, brs E. and W.

15.00 Flat spur, slopes W.; desc. gradual NW. slope 160 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in  
the ground to bed rock, and raise a mound of stone a-  
round post, for  $\frac{1}{4}$  sec. cor., marked on brass cap $\frac{1}{4}$ 

S32 | S33

1925

Chains.

from which  
 A juniper, 16 ins. diam., brs N.  $13\frac{3}{4}^{\circ}$  E., 371 lks. dist.,  
 marked  $\frac{1}{4}$  S33 BT.  
 An oak, 8 ins. diam., brs N.  $87\frac{1}{4}^{\circ}$  W., 451 lks. dist.,  
 marked  $\frac{1}{4}$  S32 BT.  
 Desc. 194 ft. over gradual NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 around post, for cor. of secs. 28, 29, 32, and 33.,  
 marked on brass cap

T3S	R31E
S29	S28
S32	S33

1925

from which  
 A juniper, 14 ins. diam., brs S.  $77\frac{3}{4}^{\circ}$  W., 402 lks. dist.,  
 marked T3S R31E S32 BT.  
 No more bearing trees available.  
 Mound of stone on sunset peak brs S.  $74^{\circ}57'$  W.

Land, rolling.  
 Soil, adobe, 2nd rate.  
 Undergrowth, juniper and oak, and bunch grass.  
 Timber, juniper, oak and cedar.

40.00 East, on random line bet. secs. 28 and 33.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.30 Set temp. witness cor. for secs. 27, 28, 33, and 34.  
 79.98 Intersect the N. and S. line, 5 lks. N. of the true  
 point for cor. of secs. 27, 28, 33, and 34.

Thence  
 N.  $89^{\circ}58'$  W., on true line bet. secs. 28 and 33.  
 Over mountainous land, through scattering timber and  
 undergrowth.  
 .70 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in  
 the ground to bed rock, and raise a mound of stone a-  
 round post, for witness cor. to cor. of secs. 27, 28, 33, and  
 34, marked on brass cap

T3S	R31E
S28	S27
S33	S34 WC

1925

from which  
 A sycamore, 12 ins. diam., brs N.  $77\frac{1}{2}^{\circ}$  E., 106 lks. dist.,  
 marked T3S R31E S27 WC BT.  
 A sycamore, 10 ins. diam., brs S.  $79^{\circ}$  E., 86 lks. dist.,  
 marked T3S R31E S34 WC BT.  
 An oak, 6 ins. diam., brs S.  $26^{\circ}$  W., 15 lks. dist.,  
 marked T3S R31E S33 WC BT.  
 An oak, 6 ins. diam., brs N.  $55^{\circ}$  W., 62 lks. dist.,  
 marked T3S R31E S28 WC BT.

Asc. 100 ft. over E. slope.  
 5.00 Spur, slopes N.; desc. 90 ft. over W. slope.  
 10.00 Canyon, 20 lks. wide, course NE.; asc. 600 ft. over E.  
 slope.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

## Survey of the Subdivision of T3S, R31E.

BOOK 3734

44

chains.

$$\frac{1}{4} \text{ S28}$$

$$\frac{\text{S33}}{1925}$$

from which

A juniper, 10 ins. diam., brs S. 87° W., 374 lks. dist.,  
marked  $\frac{1}{4}$  S33 BT.

No other bearing tree available.

Along N. slope.

44.00 Spur, slopes N.; desc. 290 ft. over NW. slope.

79.98 The cor. of secs. 28, 29, 32, and 33.

Land, rolling and mountainous.

Soil, volcanic, 2nd rate.

Timber, oak and juniper.

Undergrowth, oak brush, and buck brush.

N. 0° 2' W., bet. secs. 28 and 29.

Over mountainous land; through scattering timber and  
undergrowth.

Desc. 65 ft. over NW. slope.

23.50 Draw, course W.; asc. 30 ft. over SW. slope.

29.50 Spur, slopes NW.; desc. 180 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in  
the ground to bed rock, and raise a mound of stone a-  
round post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4}$$

$$\text{S29} | \text{S28}$$

$$1925$$

from which

A juniper, 12 ins. diam., brs N. 73 $\frac{1}{4}$ ° E., 65 lks. dist.,  
marked  $\frac{1}{4}$  S28 BT.

A juniper, 10 ins. diam., brs N. 68 $\frac{1}{2}$ ° W., 120 lks. dist.,  
marked  $\frac{1}{4}$  S29 BT.

Desc. 70 ft. over NE. slope.

43.30 Canyon, 15 lks. wide, course NW.; asc. 110 ft. over SW.  
slope.

50.00 Spur, slopes NW.; then over E. slope

54.00 Trail, brs NW. and SE.

65.50 Spur, slopes NE.; desc. 230 ft. over NW. slope.

68.00 Trail, brs SW. and N.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in  
the ground to bed rock, and raise a mound of stone a-  
round post, for cor. of secs. 20, 21, 28, and 29, marked  
on brass cap

$$\text{T3S R31E}$$

$$\text{S20} | \text{S21}$$

$$\text{S29} | \text{S28}$$

1925

from which

A juniper, 8 ins. diam., brs N. 36° E., 208 lks. dist.,  
marked T3S R31E S21 BT.

An oak, 8 ins. diam., brs S. 50° E., 140 lks. dist.,  
marked T3S R31E S28 BT.

A juniper, 16 ins. diam., brs S. 0° 45' W., 283 lks. dist.,  
marked T3S R31E S29 BT.

A juniper, 12 ins. diam., brs N. 43 $\frac{1}{2}$ ° W., 240 lks. dist.,  
marked T3S R31E S20 BT.

Land, rolling and mountainous.

Soil, volcanic, 2nd rate.

Timber, oak and juniper.

Undergrowth, oak brush and buck brush.

Chains.

40.00 S. 89° 58' E., on random line bet. secs. 21 and 28.  
Set temp. 1/4 sec. cor.  
79.94 Intersect the N. and S. line, 7 lks. N. of the cor. of  
secs. 21, 22, 27, and 28.

Thence

N. 89° 55' W., on true line bet. secs. 21 and 28.  
Over mountainous land, through scattering timber and  
undergrowth.

22.45 Desc. 420 ft. over SW. slope.  
Spur, slopes NW.; then over N. slope.  
39.97 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in  
the ground to bed rock and raise a mound of stone a-  
round post, for 1/4 sec. cor., marked on brass cap

1/4 S21

S28

1925

from which

An oak, 10 ins. diam., brs N. 89 1/2° E., 286 lks. dist.,  
marked 1/4 S21 BT.

An oak, 8 ins. diam., brs S. 82° E., 203 lks. dist.,  
marked 1/4 S28 BT.

59.00 Desc. 390 ft. over SW. slope.  
Canyon, 40 lks. wide, 3 ft. deep, course NW.; asc. 300  
ft. over NE. slope.

76.60 Spur, slopes N.; desc. 60 ft. over NW. slope.

79.35 Trail, brs N. and S.

79.94 The cor. of secs. 20, 21, 28, and 29.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, juniper, and mesquite.  
Undergrowth, catclaw and yucca.

N. 0° 2' W., bet. secs. 20 and 21.  
Over mountainous land, through scattering timber and  
undergrowth.

6.00 Desc. 300 ft. over N. slope.

21.50 Trail, brs NW. and SE.

34.00 Canyon, 1.00 chs. wide, 3 ft. deep, course NW.

Asc. 140 ft. over SW. slope.

39.50 Red tanks brs west about 25.00 chs. dist.

Short spur, slopes W.

40.00 Gulch, course S. 70° W.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in  
the ground to bed rock and raise a mound of stone a-  
round post, for 1/4 sec. cor., marked on brass cap

1/4

S20 | S21

1925

from which

An oak, 6 ins. diam., brs S. 12° E.; 127 lks. dist.,  
marked 1/4 S21 BT.

An oak, 8 ins. diam., brs S. 48 1/2° W., 96 lks. dist.,  
marked 1/4 S20 BT.

44.00 Asc. 40 ft. over SW. slope.

54.50 Spur, slopes W.; desc. 90 ft. over NW. slope.

75.20 Gully, 8 lks. wide, course W.; then over W. slope.

80.00 Wash, 20 lks. wide, course W.

Set an iron post, 3 ft. long, 2 ins. diam., 23 ins. in  
the ground, deposit a stone marked with a cross (X) at  
base of post, and raise a mound of stone around post,  
for cor. of secs. 16, 17, 20, and 21, marked on brass cap

Chains.

T3S	R31E
S17	S16
S20	S21

1925

No bearing trees available.

Land, mountainous.

Soil, volcanic, 3rd rate.

Timber, cedar, juniper, and mesquite.

Undergrowth, catclaw and yucca.

40.00 S. 89° 55' E., on random line bet. secs. 16 and 21  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.94 Intersect the N. and S. line, 23 lks. S. of the cor. of  
secs. 15, 16, 21, and 22.

Thence

S. 89° 55' W., on true line bet. secs. 16 and 21.

Over mountainous land, through scattering timber and  
undergrowth.

Desc. 380 ft. over W. slope.

19.50 Gulch, course N.; asc. 300 ft. over E. slope.

29.75 Spur, slopes N.; desc. 240 ft. over W. slope.

39.97 Set an iron post,  $\frac{3}{4}$  ft. long, 1 in. diam., 6 ins. in  
the ground to bed rock, and raise a mound of stone  
around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap $\frac{1}{4}$  S16

S21

1925

from which

A cedar, 8 ins. diam., brs S. 78° E., 262 lks. dist.,  
marked  $\frac{1}{4}$  S21 BT.A cedar, 8 ins. diam., brs N. 53 $\frac{1}{2}$ ° W., 275 lks. dist.,  
marked  $\frac{1}{4}$  S16 BT.

Desc. 20 ft. over W. slope.

41.005 Ravine, course  $\frac{1}{2}$ ° E.; asc. 130 ft. over E. slope.

46.35 Spur, slopes N.; desc. 120 ft. over W. slope.

55.25 Head of gulch, course N.; asc. 60 ft. over NE. slope.

60.15 Hill on spur, slopes NW.; desc. 140 ft. over W. slope.

79.94 The cor. of secs. 16, 17, 20, and 21.

Land, rolling and mountainous.

Soil, volcanic, 2nd rate.

Timber, cedar.

Undergrowth, oak, catclaw, yucca, and bunch grass.

N. 0° 2' W., bet. secs. 16 and 17.

Over mountainous land, through scattering timber and  
undergrowth.

Over W. slope.

17.20 Trail, brs NE. and SW.; desc. 190 ft. over NW. slope.

38.50 Set an iron post,  $\frac{3}{4}$  ft. long, 1 in. diam., 27 ins. in  
the ground, for witness <sup>cor.</sup> to  $\frac{1}{4}$  sec. cor., marked on brass  
cap

W	C
S17	S16

1925

from which

An oak, 8 ins. diam., brs N. 86° W., 41 lks. dist.,  
marked  $\frac{1}{4}$  S17 WC BT.



Survey of the Subdivision of T3S, R31E.

Chains.

- An oak, 12 ins. diam., brs N.16 $\frac{1}{2}$ °E., 58 lks. dist., marked  $\frac{1}{4}$  S16 WC BT
- 40.00 True point for  $\frac{1}{4}$  sec. cor. falls in canyon, where a permanent cor. monument cannot be set.
- 41.00 Center of bottom of canyon, 209 lks. wide, course NE.; asc. along SE. slope. 440 ft. to sec. cor.
- 60.00 Gully, 6 lks. wide, course E.; continue asc.
- 74.00 Gully, 10 lks. wide, course E.; continue ascent.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock and raise a mound of stone around post, for cor. of secs. 8, 9, 16, and 17, marked on brass cap

T3S R31E  
S 8 | S 9  
S17 | S16

1925

No bearing trees available.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, juniper and mesquite.  
Undergrowth, catclaw and yucca.

- N. 89° 55' E., on random line bet. secs. 9 and 16.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.18 Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 9, 10, 15, and 16.

Thence  
S. 89° 56' W., on true line bet. secs. 9 and 16.  
Over mountainous land, through scattering timber and undergrowth.

- Asc. 220 ft. over NE. slope.
- 9.00 Gully, course NE.
- 12.00 Spur, slopes N. 20° E.; desc. 70 ft. over W. slope.
- 13.40 Trail, brs N. and S.
- 17.00 Gully, 15 lks. wide, course NE.; asc. 80 ft. over E. slope.
- 28.00 Spur, slopes N. 20° W.; desc. 50 ft. over SW. slope.
- 32.80 Trail, brs N. and S.
- 40.09 Set an iron post, 3 ft. long, 1 in. diam., on cross (X) on bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 9  
S16  
1925

No bearing trees available.

- Desc. 120 ft. over SW. slope.
- 43.50 Ravine, 20 lks. wide, course NW.; asc. 140 ft. over NE. slope.
- 48.00 Low spur, slopes NW.; desc. 190 ft. over W. slope.
- 60.00 Canyon, 100 lks. wide, course N.; asc. 480 ft. over E. slope
- 80.18 The cor. of secs. 8, 9, 16, and 17.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, juniper, and mesquite.  
Undergrowth, yucca and catclaw.

N. 0° 2' W., bet. secs. 8 and 9.  
Over mountainous land, through scattering timber and undergrowth.  
Asc. 750 ft. over E. slope, over series of bluffs and cliffs.

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

1/4  
S. 8 | S 9

1925

No bearing trees available.  
Thence over broken E. slope.

77.00 Spur, slopes NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 4,5,8, and 9, marked on brass cap

T3S R31E  
S 5 | S 4  
S 8 | S 9

1925

No bearing trees available.  
This corner falls on spur, slopes NW.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, juniper, and mesquite.  
Undergrowth, catclaw, and yucca.

40.00 N. 89° 56' E., on random line bet. secs. 4 and 9.  
80.20 Set temp. 1/4 sec. cor.  
Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 3,4,9, and 10.

Thence  
S. 89° 53' W., on true line bet. secs. 4 and 9.  
( ) Over mountainous land, through scattering timber and undergrowth.

Desc. 250 ft. over W. slope.  
9.00 Gulch, 4 lks. wide, course SE.; then over S. slope.  
15.80 Spur, slopes SW.; desc. 315 ft. over W. slope.  
28.00 Trail, brs N. and S.; then over bottom land.  
31.00 Dix Creek Canyon, with stream of water 20 lks. wide, 5 ins. deep, course N.; asc. 180 ft. over E. slope.  
40.10 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor. marked on brass cap

1/4 S 4  
S 9  
1925

from which  
A cedar, 8 ins. diam., brs S. 6° E., 86 lks. dist., marked 1/4 S9 BT.

No other bearing tree available.  
Asc. 800 ft. over E. slope.  
76.20 Ridge, brs NW. and SW.; desc. W. slope, slightly.  
80.20 The cor. of secs. 4,5,8, and 9.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, juniper, and mesquite.  
Undergrowth, catclaw, and yucca.

Survey of the Subdivision of T3S,R31E.

Chains.

40.00 North, on random line bet. secs. 4 and 5.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.80 Intersect the N. bdy. of the Tp., 23.1ks. N.  $89^{\circ}56'W.$   
of the cor. of secs. 4,5,32, and 33, hereinbefore described.

Thence  
S.  $0^{\circ}10'W.$ , on true line bet. secs. 4 and 5.  
Over mountainous land, through scattering timber and undergrowth.

3.50 Across river bottom land.  
Leave river bottom land, brs N.  $70^{\circ}W.$  and S.  $70^{\circ}E.$  and asc. 160 ft. over N. slope.

20.50 Draw, course NW.; asc. 180 ft. over N. slope.  
39.80 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 5 | S 4  
1925

from which  
A mesquite, 8 ins. diam., brs S.  $61\frac{1}{2}^{\circ}W.$ , 20 lks. dist., marked  $\frac{1}{4}$  S5 BT.  
A mesquite, 8 ins. diam., brs N.  $68^{\circ}E.$ , 103 lks. dist., marked  $\frac{1}{4}$  S4 BT.

Asc. 830 ft. over N. slope.  
73.50 Rim of mesa, brs NW. and SE.; asc. over mesa 40 ft on N. slope.

79.80 The cor. of secs. 4,5,8, and 9.

Land, rolling and mountainous.  
Soil, volcanic, 2nd rate.  
Timber, cedar.  
Undergrowth, oak, catclaw, yucca, bunchgrass.

From the cor. of secs. 5,6,31, and 32 on the S. bdy. of the Tp., hereinbefore described.  
N.  $0^{\circ}3'W.$ , on true line bet. secs. 31 and 32.  
Over mountainous land, through scattering timber and undergrowth.

8.60 Asc. 132 ft. over broken E. slope.  
Wire fence, brs E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S31 | S32  
1925

from which  
A pinyon, 12 ins. diam., brs N.  $68\frac{3}{4}^{\circ}E.$ , 106 lks. dist., marked  $\frac{1}{4}$  S32 BT.  
An oak, 6 ins. diam., brs N.  $74\frac{1}{2}^{\circ}W.$ , 75 lks. dist., marked  $\frac{1}{4}$  S31 BT.

Over E. slope.  
44.00 Spur, slopes NE., desc. 750 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 29,30,31, and 32, marked on brass cap

Chains.

T3S R31E	
S30	S29
S31	S32

1925

from which

- An oak, 4 ins. diam., brs N.2°E., 77 lks. dist.,  
marked T3S R31E S29 BT.
- An oak, 4 ins. diam., brs S.42°E., 25 lks. dist.,  
marked T3S R31E S32 BT.
- An oak, 4 ins. diam., brs S.80°W., 10 lks. dist.,  
marked T3S R31E S31 BT.
- An oak, 5 ins. diam., brs N.6°W., 43 lks. dist.,  
marked T3S, R31E S30 BT.

Land, rolling and mountainous.

Soil, adobe, 2nd rate.

Timber, scrubby oak and juniper.

Undergrowth, bunch grass, yucca, and scrub oak.

East, on random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.80.08 Intersect the N. and S. line, 7 lks. N. of the cor. of  
secs. 28, 29, 32, and 33.

Thence

N.89°57'W., on true line bet. secs. 29 and 32.

Over mountainous land, through scattering timber and  
undergrowth.

Desc. 150 ft. over W. slope.

19.00 Draw, course N.30°W.,; asc. 170 ft. over E. slope.

35.00 Rolling spur, slopes N.; desc. 40 ft. over W. slope.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$ S29
S32
1925

from which

A white oak, 10 ins. diam., brs N.8 $\frac{3}{4}$ °W., 71 lks. dist.,  
marked  $\frac{1}{4}$  S29 BT.A black oak, 6 ins. diam., brs S.5°W., 10 lks. dist.,  
marked  $\frac{1}{4}$  S32 BT.

Desc. 600 ft. over W. slope.

56.50 Dix creek, dry, course N.; asc. 600 ft. over W. slope.

73.00 Over bench on end of spur, sloping N.

76.00 Desc. 100 ft. over W. slope.

80.08 The cor. of secs 29, 30, 31, and 32.

Land, rolling and mountainous.

Soil, volcanic, 2nd rate.

Timber, oak, and juniper.

Undergrowth, oak brush and buck brush.

West, on random line bet. secs. 30 and 31

40.00 Set temp.  $\frac{1}{4}$  sec. cor.79.04 Intersect the W. bdy. of the Tp., 10 lks. N. of the cor.  
of secs. 25, 30, 31, and 36., hereinbefore described.

Thence

N.89°56'E., on true line bet. secs. 30 and 31.

Over mountainous land, through scattering timber and  
undergrowth.

Desc. 320 ft. over NE. slope.

Survey of the Subdivision of T3S,R31E.

Chains.

23.00 Canyon, 25 lks. wide, course S.70°E.; asc. 300 ft. over SW. slope.

39.04 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for ¼ sec. cor., marked on brass cap

¼ S30  
331  
1925

No suitable bearing trees.  
Continue over rolling mesa.

59.30 Desc. 450 ft. over E. slope.

69.80 Canyon, 50 lks. wide, course NE.; asc. 220 ft. over NW. slope.

79.04 The cor. of secs. 29, 30, 31, and 32.

Land, mountainous.  
Soil, adobe, 2nd rate.  
Timber, oak and juniper.  
Undergrowth, bunch grass, yucca, and scrub oak.

---

N.0°3'W., bet. secs. 29 and 30.  
Over mountainous land, through scattering timber and undergrowth.  
Desc. 270 ft. over NW. slope.

13.50 Canyon, 50 lks. wide, course N.70°E.; asc. 450 ft. over steep S. slope.

31.00 Top of steep ascent; then asc. 60 ft. over gradual S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for ¼ sec. cor., marked on brass cap

¼  
S30 | S29  
1925

No bearing trees available.  
Asc. 30 ft. over SE. slope.

42.30 Trail, brs NE. and SW.

62.20 Spur, slopes N.60°E.; desc. 450 ft. over N. slope.  
Rocky canyon, 20 lks. wide, course NE.; asc. 90 ft. over SE. slope.

68.50 Short spur, slopes E.; desc. 75 ft. over NE. slope.

75.70 Canyon, 15 lks. wide, course S.70°E.; asc. 160 ft. over S. slope

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 19, 20, 29, and 30, marked on brass cap

T3S R31E  
S19 | S20  
S30 | S29  
1925

No bearing trees available.

Land, mountainous.  
Soil, adobe, 2nd rate.  
Timber, oak and juniper.  
Undergrowth, bunch grass, yucca and scrub oak.

## Chains.

40.00 S.  $89^{\circ}57'$  E., on random line bet. secs. 20 and 29.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.18 Intersect the N. and S. line, 19 lks. N. of the cor. of  
 secs. 20, 21, 28, and 29.

## Thence

N.  $89^{\circ}49'$  W., on true line bet. secs. 20 and 29.  
 Over mountainous land, through scattering timber and  
 undergrowth h.  
 Desc. 90 ft. over NW. slope.  
 3.40 Gulch, course N.; asc. 130 ft. over NE. slope.  
 8.50 Spur, slopes N.; desc. 380 ft. over NW. slope.  
 25.50 Canyon, 60 lks. wide, 3 ft. deep, course N.  $20^{\circ}$  E.; asc.  
 110 ft. over E. slope.  
 29.80 Trail to Clifton, brs NE. and SW.  
 34.00 Spur, slopes N.  $20^{\circ}$  E.; desc. 50 ft. over NW. slope.  
 39.20 Canyon, 30 lks. wide, course NE.  
 40.09 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in  
 the ground to bed rock, and raise a mound of stone  
 around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4} \text{ S20}$$

$$\text{S29}$$

$$1925$$

## from which

An oak, 5 ins. diam., brs S.  $8^{\circ}$  W., 80 lks. dist.,  
 marked  $\frac{1}{4}$  S29 BT.  
 A rock, 3x4x4 ft., brs South, 1 lk. dist., marked XBO

Asc. 455 ft. over SE. slope.  
 75.00 Spur, slopes S.; desc. 30 ft. along S. slope.  
 80.18 The cor. of secs. 19, 20, 29, and 30.

Land, mountainous.  
 Soil, volcanic, 3rd rate.  
 Timber, cedar, juniper, and mesquite.  
 Undergrowth, catclaw, and yucca.

40.00 S.  $89^{\circ}56'$  W., on random line bet. secs. 19 and 30.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.90 Intersect the W. bdy. of the Tp., 5 lks. S. of the cor.  
 of secs. 19, 24, 25, and 30., hereinbefore described.

## Thence

N.  $89^{\circ}58'$  E., on true line bet. secs. 19 and 30.  
 Over mountainous land, through scattering timber and  
 undergrowth.  
 Asc. 410 ft. over W. slope.  
 24.30 Ridge, brs NE. and SW.; desc. 520 ft. over E. slope.  
 38.90 Set an iron post, 3 ft. long, 1 in. diam., on bed rock,  
 deposit a stone marked with a cross (X) at base of post,  
 and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor.  
 marked on brass cap.

$$\frac{1}{4} \text{ S19}$$

$$\text{S30}$$

$$1925$$

No bearing trees available.  
 Desc. 670 ft. over general E. slope.  
 71.90 Gully, course SE.; then over S. slope.  
 78.90 The cor. of secs. 19, 20, 29, and 30.

Land, mountainous.  
 Soil, volcanic, 3rd rate.  
 Timber, cedar, juniper, and mesquite.  
 Undergrowth, catclaw, and yucca.

Chains.

N. 0° 3' W., bet. secs. 19 and 20.  
 Over mountainous land, through scattering timber and undergrowth.  
 Asc. 250 ft. over S. slope.  
 10.00 Spur, slopes S. 70° E.; desc. 200 ft. over NE. slope.  
 21.85 Canyon, 10 lks. wide, course SE.; asc. 395 ft. over S. slope.  
 35.00 Spur, slopes NE.; continue ascent over SE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

S19 | S20

1925

from which

A juniper, 28 ins. diam., brs S. 89° E., 138 lks. dist., marked 1/4 S20 BT.  
 A juniper, 30 ins. diam., brs N. 69 1/4° W., 320 lks. dist., marked 1/4 S19 BT.

Asc. 200 ft. over SE. slope.  
 66.00 Ridge, brs NE. and SW.; desc. 150 ft. over NW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

T3S R31E  
S18 | S17  
S19 | S20

1925

from which

An oak, 22 ins. diam., brs N. 72° E., 276 lks. dist., marked T3S R31E S17 BT.  
 An oak, 14 ins. diam., brs S. 81 1/2° E., 222 lks. dist., marked T3S R31E S20 BT.  
 A juniper, 6 ins. diam., brs S. 31 1/4° W., 167 lks. dist., marked T3S R31E S19 BT.  
 An oak, 18 ins. diam., brs N. 47 1/2° W., 146 lks. dist., marked T3S R31E S18 BT.

Land, mountainous.  
 Soil, adobe, 2nd rate.  
 Timber, oak and juniper.  
 Undergrowth, bunch grass, yucca, and scrub oak.

S. 89° 49' E., on random line bet. secs. 17 and 20.  
 40.00 Set temp. 1/4 sec. cor.  
 80.18 Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 16, 17, 20, and 21.

Thence  
 N. 89° 53' W., on true line bet. secs. 17 and 20.  
 Over mountainous land, through scattering timber and undergrowth.

Desc. 50 ft. over NW. slope.  
 7.38 Draw, course NW.; desc. 70 ft. over W. slope.  
 20.70 Red tank canyon, 50 lks. wide, course N. 30° E.  
 Asc. 390 ft. over E. slope.  
 40.09 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

1/4 S17  
S20  
1925

from which

Chains.

A pinyon, 8 ins. diam., brs N.26 $\frac{1}{2}$ °W., 92 lks. dist., marked  $\frac{1}{4}$  S17 BT.

A pinyon, 6 ins. diam., brs S.44°W., 141 lks. dist., marked  $\frac{1}{4}$  S20 BT.

Asc. 830 ft. over general E. slope.

74.70 Ridge, brs N. and SW.; desc. 50 ft. over NW. slope.

80.18 The cor. of secs. 17,18,19, and 20.

Land, mountainous.

Soil, adobe, 2nd rate.

Timber, oak and juniper.

Undergrowth, bunch grass, scrub oak, and yucca.

S.89°58'W., on random line bet. secs. 18 and 19.

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

78.80 Intersect the W. bay. of the Tp., 5 lks. N. of the cor. of secs. 13,18,19, and 24, hereinbefore described.

Thence

N.89°56'E., on true line bet. secs. 18 and 19.

Over mountainous land, through scattering timber and undergrowth.

Desc. slightly over NE. slope.

4.70 Draw, course N.; asc. 120 ft. over NW. slope.

15.00 Spur, slopes N.; desc. 360 ft. over E. slope.

26.00 Trail, brs N. and S.

29.70 Canyon, 10 lks. wide, course N.; asc. 200 ft. over NW. slope.

38.80 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S18

S19

1925

from which

A pinyon, 8 ins. diam., brs N.21°E., 28 lks. dist., marked  $\frac{1}{4}$  S18 BT.

A pinyon, 12 ins. diam., brs S.86 $\frac{3}{4}$ °W., 198 lks. dist., marked  $\frac{1}{4}$  S19 BT.

Asc. 150 ft. over NW. slope.

53.60 Spur, slopes N.30°E.; thence desc. 235 ft. over E. slope.

64.40 Canyon, 10 lks. wide, course N.30°E.; asc. 240 ft. over NW. slope.

78.80 The cor. of secs. 17,18,19, and 20.

Land, mountainous.

Soil, volcanic, and adobe, 2nd and 3rd rate.

Timber, oak; pinyon, and juniper.

Undergrowth, bunch grass and scrub oak.

N.0°3'W., bet. secs. 17 and 18.

Over mountainous land, through scattering timber and undergrowth.

Desc. 480 ft. over NW. slope.

34.00 Spur, slopes N.30°E.; continue desc.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$

S18 | S17

1925



Survey of the Subdivision of T3S,R31E.

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55

Chains.

from which

A juniper, 6 ins. diam., brs N.26°E., 60 lks. dist., marked 1/4 S17 BT.

A juniper, 6 ins. diam., brs N.43°W., 113 lks. dist., marked 1/4 S18 BT.

Desc. 270 ft. over NE. slope.

49.70 Gulch, 15 lks. wide, course NW.; asc. 170 ft. over SW. slope.

61.00 Spur, slopes NW.; desc. 180 ft. over NW. slope.

69.00 Gulch, 10 lks. wide, course NW.; asc. 80 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, and raise a mound of stone 5 ft. base, 3 ft. high, around post, for cor. of secs. 7, 8, 17, and 18. marked on brass cap

T3S R31E

S 7 1/2 S 8

S18 S17

1925

from which

A cedar, 6 ins. diam., brs S170 1/2°E., 515 lks. dist., marked T3S R31E S17 BT.

A cedar, 4 ins. diam., brs E.87 1/4°W., 381 lks. dist., marked BT.

No other bearing tree available.

Land, mountainous.

Soil, volcanic, 3rd rate.

Timber, cedar; juniper and mesquite.

Undergrowth, catclaw and yucca.

S.89°53'E., on random line bet. secs. 8 and 17.

40.00 Set temp. 1/4 sec. cor.

80.18 Intersect the N. and S. line, 16 lks. S. of the cor. of secs. 8, 9, 16, and 17,

Thence

West, on true line bet. secs. 8 and 17.

Over mountainous land, through scattering timber and undergrowth.

Over SE. slope.

9.70 Gully, course S.70°E.; asc. 600 ft. over E. slope.

14.20 Top of cliff, facing NE., 75 ft. high.

32.20 Spur, slopes N.20°E.

37.20 Ridge, brs NW. and S1; desc. 20 ft. over W. slope.

40.09 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

1/4 S 8

S17

1925

from which

A juniper, 4 ins. diam., brs S.45 1/2°W., 258 lks. dist., marked 1/4 S17 BT.

A juniper, 6 ins. diam., brs N.50 3/4°W., 225 lks. dist. marked 1/4 S8 BT.

Desc. 290 ft. over SW. slope.

56.20 Gulch, 15 lks. wide, course NW.; asc. 210 ft. over NE. slope.

66.00 Spur, slopes NW.; desc. 360 ft. over W. slope.

80.18 The cor. of secs. 7, 8, 17, and 18.

Land, mountainous.

Soil, volcanic, 3rd rate.

Timber, cedar, juniper, and mesquite.

Undergrowth, catclaw and yucca.

Chains.

40.00 S. 89° 56' W., on random line bet. secs. 7 and 18.  
 78.44 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect the W. bdy. of the Tp., 23 lks. S. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W. of cor., and one bearing tree, a juniper, 6 ins. dia., S. 57 $\frac{1}{2}$ ° W., 157 lks. dist., mkd. T3S R30E S13BT.

Thence  
 S. 89° 50' E., on true line bet. secs. 7 and 18.  
 Over mountainous land, through scattering timber and undergrowth.  
 Desc. 350 ft. over E. slope.

14.44 Canyon, course N. 20° E.; asc. 60 ft. over W. slope.  
 16.44 Spur, slopes N.; desc. 60 ft. over E. slope.  
 19.44 Canyon, course N.; asc. 400 ft. over W. slope.  
 34.44 Spur, slopes NW.; desc. 50 ft. over E. slope.  
 38.44 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 7  
 S18  
 1925

from which  
 A cedar, 8 ins. diam., brs N. 78° W., 8 lks. dist., marked  $\frac{1}{4}$  S7 BT.  
 A cedar, 8 ins. diam., brs S. 51° W., 200 lks. dist., marked  $\frac{1}{4}$  S18 BT.

Desc. 300 ft. over E. slope.  
 47.94 Canyon, course NW.; asc. 260 ft. over W. slope.  
 58.84 Spur, slopes NW.; desc. 160 ft. over E. slope.  
 69.64 Gulch, 15 lks. wide, course NW.; asc. 190 ft. over W. slope.  
 78.44 The cor. of secs. 7, 8, 17, and 18.

Land, mountainous.  
 Soil, volcanic, 3rd rate.  
 Timber, cedar, juniper, and mesquite.  
 Undergrowth, catclaw and yucca.

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N. 0° 3' W., bet. secs. 7 and 8.  
 Over mountainous land, through scattering timber and undergrowth.  
 Desc. 60 ft. over N. slope.

5.50 Ravine, course W.; asc. 120 ft. over W. slope.  
 15.00 Spur, slopes N. 70° W.; desc. 250 ft. over N. slope.  
 29.00 Gulch, 15 lks. wide, course W.; asc. 280 ft. over E. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 7 | S 8  
 1925

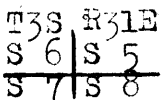
from which  
 A cedar, 6 ins. diam., brs N. 30 $\frac{1}{2}$ ° W., 94 lks. dist., marked  $\frac{1}{4}$  S7 BT.  
 A cedar, 6 ins. diam., brs S. 64° E., 264 lks. dist., marked  $\frac{1}{4}$  S8 BT.

Asc. 230 ft. over SW. slope.  
 46.50 Spur, slopes NW.; desc. over rolling NW. slope 90 ft.  
 58.00 Draw, course NW.; asc. 60 ft. over SW. slope.  
 63.00 Top of ascent, then over gradual NW. slope.

Survey of the Subdivision of T3S, R31E.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, marked on brass cap.



1925

No bearing trees available.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, cedar, juniper, and mesquite.  
Undergrowth, catclaw and yucca.

East, on random line bet. secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 4, 5, 8, and 9.

Thence

N. 89° 55' W., on true line bet. secs. 5 and 8.

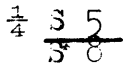
Over mountainous land, through scattering timber and undergrowth.

Desc. 425 ft. over SW. slope.

27.50 Gulch, 10 lks. wide, course NW.; then over N. slope.

31.50 Gulch, 15 lks. wide, course NE.; asc. 200 ft. over E. slope.

40.10 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, over chiseled cross (X), and raise a mound of stone 6 ft. base, 3 ft. high, around post, for 1/4 sec. cor., marked on brass cap



1925

from which

A pinyon, 8 ins. diam., brs N. 69° W., 180 lks. dist., marked 1/4 S5 BT.

A pinyon, 6 ins. diam., brs S. 73° W., 209 lks. dist., marked 1/4 S8 BT.

Asc. 360 ft. over E. slope.

48.90 Top of steep ascent, brs NW. and S.; thence over rolling N. slope of mesa.

80.20 The cor. of secs. 5, 6, 7, and 8.

Land, mountainous.  
Soil, volcanic, 3rd rate.  
Timber, pinyon and cedar.  
Undergrowth, cat claw and yucca.

N. 89° 50' W., on random line bet. secs. 6 and 7.

40.00 Set temp. 1/4 sec. cor.

78.27 Intersect the W. bay. of the Tp., 27 lks. N. of the cor. of secs. 1, 6, 7, and 12, which is a 3 inch iron post, firmly set, properly marked, and witnessed by a mound of stone W. of cor. No bearing trees.

Thence

N. 89° 58' E., on true line bet. secs. 6 and 7.

Over mountainous land, through scattering timber and undergrowth.

Chains.	
6.27	Asc. 220 ft. over W. slope.; Point of spur, slopes NW.; Descend. 245 ft. over N. slope.
38.27	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, and raise a mound of stone a round post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4} S 6$ $\frac{3}{4} S 7$ 1925
	from which A pinyon, 10 ins. diam., brs N. $15\frac{3}{4}^{\circ}$ E., 242 lks. dist., marked $\frac{1}{4}$ S6 BT.
	A cedar, 10 ins. diam., brs S. $49^{\circ}$ E., 32 lks. dist., marked $\frac{1}{4}$ S7 BT.
	Desc. 160 ft. over NE. slope.
54.27	Gulch, 15 lks. wide, course NW.; asc. 520 ft. over W. slope.
71.27	Thence over gradual NW. slope.
78.27	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling and mountainous. Soil, volcanic, 2nd rate. Timber, cedar. Undergrowth, oak, catclaw, yucca, and bunch grass.
	North, on random line bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect the N. bdy. of the Tp., 23 lks. N. $89^{\circ}56'W.$ of the cor. of secs. 5, 6, 31, and 32, herein before des- cribed.
	Thence
	S. $0^{\circ}10'W.$ , on true line bet. secs. 5 and 6.
	Over mountainous land, through scattering timber and undergrowth.
14.40	Asc. 290 ft. over N. slope.
17.40	Short spur, slopes NW.; desc. 60 ft. over SW. slope.
23.00	Head of ravine, course W.; asc. 40 ft. over NW. slope.
32.20	Spur, slopes W.; desc. 80 ft. over S. slope.
39.80	Ravine, course W.; asc. 230 ft. over N. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 17 ins. in the ground to bed rock, and raise a mound of stone a- round post, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ $S 6   S 5$ 1925
	from which
	A yellow pine, 10 ins. diam., brs N. $71^{\circ}W.$ , 105 lks. dist., marked $\frac{1}{4}$ S6 BT.
	A yellow pine, 12 ins. diam., brs S. $58\frac{1}{2}^{\circ}E.$ , 81 lks. dist., marked $\frac{1}{4}$ S5 BT.
53.60	Asc. 560 ft. over N. slope. Rim of mesa, brs NW. and SE.; then over gradual NW. slope
79.80	The cor. of secs. 5, 6, 7, and 8.  Land, mountainous. Soil, volcanic, 3rd rate. Timber, cedar, juniper, and mesquite. Undergrowth, cat claw and yucca.

Boundaries of T.3 S., R.31 E.  
Latitudes, departures and closing errors.

Line designated.	True-bearing	Dist- ance	Latitudes		Departures	
			N.	S	E	W.
South boundary	West	479.06				479.06
West boundary	North	480.00	480.00			
North boundary	S. 89° 58' E.	478.51		.28	478.51	
East boundary	South	480.00		480.00		
Convergency					.47	
Totals.			480.00	480.28	478.98	479.06
				480.00		478.98
			Error in lat. -----		0.28	
			Error in dep. -----		0.08	

FINAL TEST.

Final test was taken on meridian established March 15, 1925, hereinbefore described on page 3.

Young and Sons light mountain transit No. 8389.

April 20, 1925: I examine the adjustments of the transit and find them correct; then to test the solar apparatus by comparing its indications, resulting from observations made during a.m. and p.m. hours with a meridian previously established by Polaris observation, I proceed as follows:

At 8h 0m., a.m., l.m.t., I set off 33° 12' N. on the lat. arc, 11° 30' N. on the decl. arc and determine a meridian with the solar, which is found to agree with the true meridian.

At apparent noon, with the lat. arc unchanged I observe the sun on the meridian; the resulting reading of the decl. arc is 11° 33' N., which agrees with the computed decl. of the sun.

At 4h 0m, p.m., l.m.t., with the lat. arc unchanged, I set off 11° 36½' N. on the decl. arc and determine a meridian with the solar, which is found to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within 1' 30" of the true meridian I conclude that the instrument was maintained in satisfactory adjustment throughout the survey of this township.

GENERAL DESCRIPTION

Land is of volcanic formation and consists mainly of rolling topped ridges, divided by abrupt canyons.

There is no rock other than lava, except in the northwest portion of the township, where conglomerate and granite are found at the lower elevations.

The soil is of volcanic origin, generally an adobe formation, though it includes everywhere a large amount of rock, the heavy growth of bunch grass showing at the time of the survey, indicates a possibility of dry farming.

There is a moderately heavy growth of small white and black oak timber on the South half of the township, interspersed with smaller amounts of scrub cedar, juniper and yellow pine. The north half of the township, which includes the San Francisco river and some of its immediate basin, has a sparse growth of the same woods in addition to softer woods along the streams.

Water is scarce in the south half of the township. Live water was seen only in sections 32 and 26. It is plentiful in the north half. The San Francisco river offers possibilities of storage, though it has no feasible dam sites in this township.

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Note;

In securing field data for the location of Forest Homestead Survey No. 490, Cor. No. 6 of the original listing survey (which, unfortunately had not been destroyed as reported) was mistaken for Cor. No. 6 of the final survey and tied to the cor. of secs. 2, 3, 10 and 11 of T. 3 S., R. 31 E., as described at bottom of page 3 of this report.

It therefore becomes necessary to segregate H.E.S. No. 490 from its recorded connection to H.E.S. No. 237.



CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Theodore Vander Meer, U. S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 127, Arizona, bearing date of the 5th day of January, 1924, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the West, South, East and North boundaries, and Subdivision lines of TOWNSHIP 3 SOUTH, RANGE 31 EAST.

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes <sup>and by diagram on page 2 hereof</sup> as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 127, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

*Francis B. King*  
June 5, 1925

*Theodore Vander Meer*  
U. S. Surveyor -  
Transitman

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS, IN CHARGE,

Denver, Colorado, January 11, 1927.

The foregoing field notes of the survey of Part (completion) of the West boundary, All of the South, East and North boundaries, and the Subdivision lines of TOWNSHIP 3 SOUTH, RANGE 31 EAST.

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Theodore Vander Meer, U. S. Transitman, under his special instructions dated January 5, 1924 for Group 127, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Samuel H. Johnson*  
U. S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~ ~~has been correctly copied from the original notes on file in this office.~~