

Book "G"  
4-679

BOOK 3717

# FIELD NOTES

OF THE RESURVEY OF

Part of the East Boundary, and

Part of the Subdivision Lines,

AND OF THE SURVEY OF

Part (completion) of the South Boundary,

Part (completion) of the East Boundary, and

Part (completion) of the Subdivision lines of

TOWNSHIP 11 NORTH, RANGE 4 WEST,

*Of the Gila and Salt River Base and Meridian,*

*In the State of Arizona.*

EXECUTED BY

Glenn F. Sawyer, U. S. Surveyor,

and

Wesson Cook, U.S. Transitman,

*In the capacity of U. S. Surveyors, under Special Instructions dated April 10, 1924 issued by the United States Surveyor General to govern surveys included in Group No. 129, Arizona, which were approved by the Commissioner of the General Land Office, April 29, 1924, and Assignment Instructions dated Nov. 25, 1924.*

Resurvey and Survey commenced March 16, 1925.

Resurvey and Survey completed April 1, 1925.

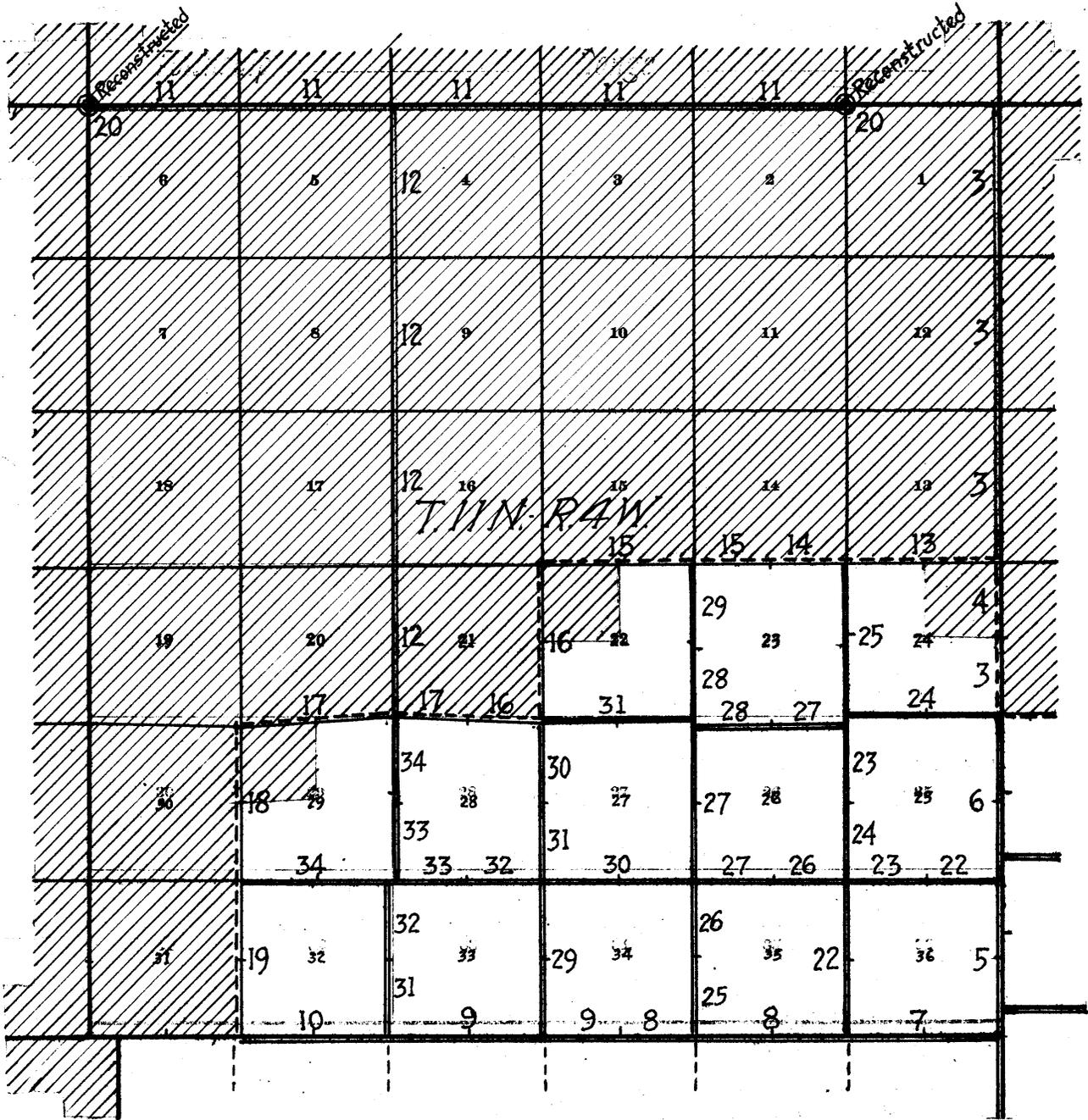
3717

3717

1A

BOOK 3717

# INDEX DIAGRAM.



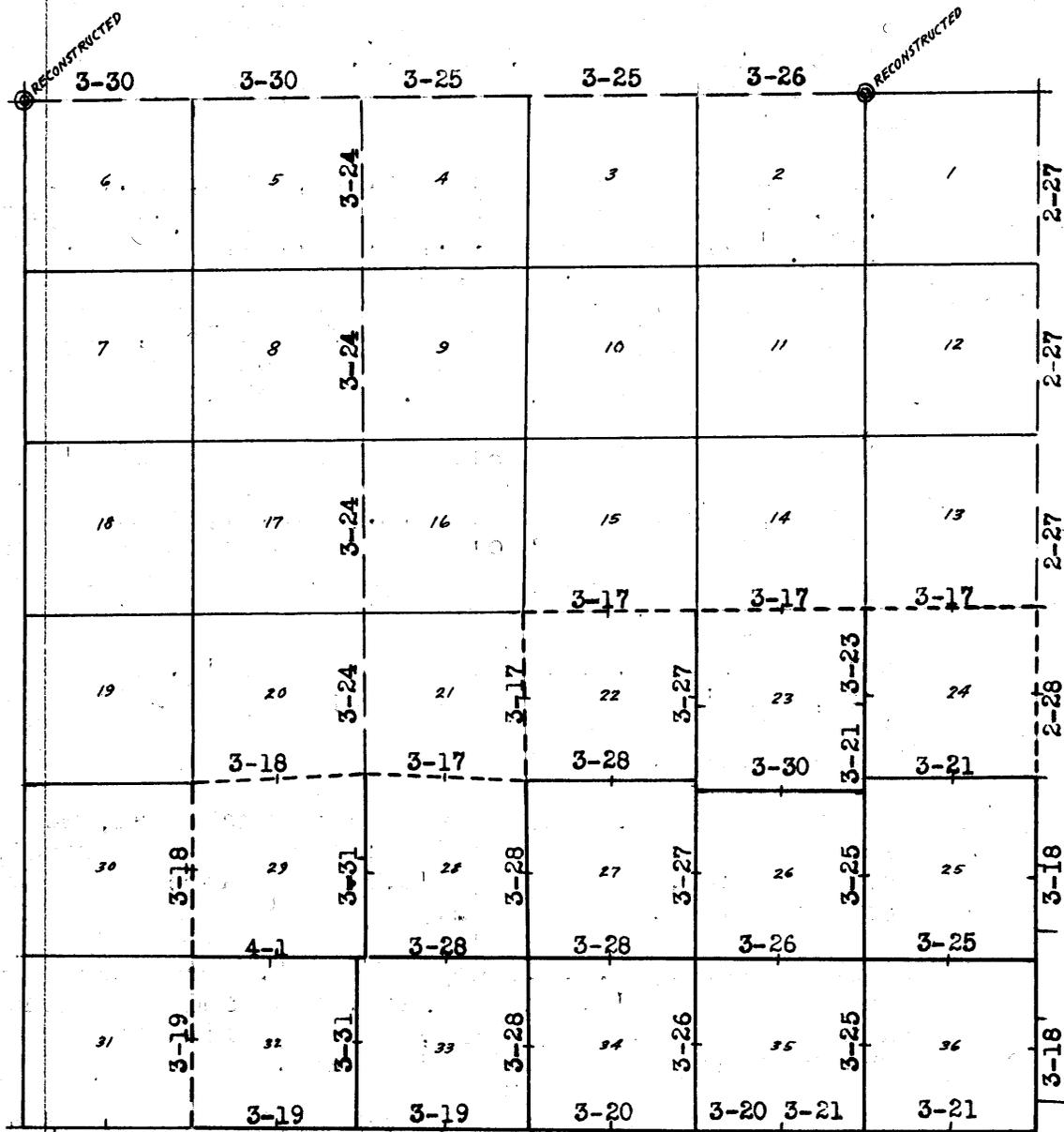
-  Surveyed under this group.
-  Resurveyed under this group.
-  Retraced under this group.
-  (No intermediate cors. found, reconstructed or reestablished.)
-  Accepted surveys.
-  Unsurveyed.
-  Areas surveyed as per accepted plats on file.

BOOK 3717

16

Book "G"  
Group 129 - - - Arizona.  
Township 11 North, Range 4 West.

DATE DIAGRAM.  
1925.



- Surveyed by Glenn F. Sawyer, U.S.S., on dates shown thereon.
- Retraced by Glenn F. Sawyer, U.S.S., on dates shown thereon.  
(No intermediate cors. found, reconstructed or reestablished).
- Resurveyed by Glenn F. Sawyer, U.S.S., on dates shown thereon.
- Surveyed by Wesson Cook, U.S.T., on dates shown thereon.
- Retraced by Wesson Cook, U.S.T., on dates shown thereon.  
(No intermediate cors. found, reconstructed or reestablished).
- Resurveyed by Wesson Cook, U.S.T., on dates shown thereon.
- Lines of accepted surveys or resurveys.

Resurveys, and Surveys, herein described were executed on dates shown on diagram on page 1 hereof, by Glenn F. Sawyer, U. S. Surveyor and Wesson Cook, U.S. Transitman, using respectively, Young and Sons light mountain transits No's 8478 and 8541, each equipped with full vertical circle and Smith solar attachment; unless otherwise specified, all azimuth determinations are accomplished with the solar attachment.

March 15, 1925: We examine the adjustments of the transits and find them correct; then to test the solar apparatus by comparing their indications, resulting from observations made during a.m. and p.m. hours with a meridian established by Polaris observation, We proceed as follows:

At camp near the center of sec. 26, T11N, R4W., G. and S. R. Base and meridian, latitude  $34^{\circ}16'N.$ , longitude  $112^{\circ}38\frac{1}{2}'W.$ , at 7h 58m p.m., l.m.t., I, Glenn F. Sawyer with instrument No. 8478, 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 =  $1^{\circ}19'$

March 16, 1925: At 7h 45m a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ}19'$  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., We set off  $34^{\circ}16'N.$  on the lat. arcs,  $1^{\circ}45'S.$  on the decl. arcs; and determine a meridian with the solar which we find to agree with the true meridian.

At apparent noon, with the lat arcs unchanged, we observe the sun on the meridian; the resulting reading of each decl. arc is  $1^{\circ}41\frac{1}{2}'S.$ , which agrees with the computed decl. of the sun.

At 4h 0m, p.m., l.m.t., with the lat. arcs unchanged, we set off  $1^{\circ}37'S.$  on the decl. arcs and determine a meridian with each solar, which we find to agree with the true meridian within 1' of arc.

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

Unless otherwise specified, all measurements are made with Lufkin steel tapes, 5 chs. in length, compared with a Lufkin 1 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.

Resurvey of part of the East bdy. of Township 11 North, Range 4 West. 3

Chains.

The north four miles of the East bdy. of T.11 N., R.4 W. were surveyed in 1871, by O.H. Case, U.S.D.S., establishing thereon sec. and 1/4 sec. cors., with a common reference to areas on both sides of the line.

In 1919, in connection with his survey of T.12 N., R.3 W., J.P. Davis, U.S.S., retraced the N. one mile of this Tp. bdy. and the E. one mile of the N. bdy. of T.11 N., R.4 W. in order to find corners upon which to base a re-establishment of the cor. of Ts. 11 and 12 N., Rs. 3 and 4 W., which he was unable to find any trace of.

In said retracements, Surveyor Davis failed to find either of the 1/4 sec. cors., but reported finding the original cor. of secs. 1, 6, 7 and 12, and the original cor. of secs. 1, 2, 35 and 36. He made no reconstruction of either of these sec. cors., and did not reestablish either of the 1/4 sec. cors.

No other retracement and no resurvey of any part of the East bdy. of T.11 N., R.4 W. is of record.

The following notes describe a resurvey of that portion of this Tp. bdy. situate between secs. 19 and 24, reestablishing the 1/4 sec. cor. and both sec. cors. with their original common reference.

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Retracement for Resurvey.

The reestablished cor. of Ts. 11 and 12 N., Rs. 3 and 4 W. 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, S. of cor.

No bearing trees.

Thence, S. 0° 13' W., on random line, bet. secs. 1 and 6.

39.88 Diligent search in this vicinity fails to reveal any trace of the original 1/4 sec. cor.

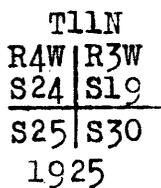
Continue line and measurement.

79.56 Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 1, 6, 7 and 12.

Thence,

South, on random line, continuing measurement from Tp. cor., searching diligently at record intervals, for the original cor. monuments.

319.56 Fail to find a trace of any old cor.; therefore, at (Record dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for reestablished cor. of secs. 19, 24, 25 and 30, marked on brass cap,



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

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RESURVEY.

From reestablished cor. of secs. 19, 24, 25 and 30, described above,

North, on true line, bet. secs. 19 and 24.

Over mountainous land, thru. dense undergrowth.

Descend 143 ft., over broken NE. slope.

21.40 Arastra Creek, containing a stream of water, 15 lks. wide, 6 ins. deep, course S. 70° E.

Ascend 177 ft. over S. slope to 1/4 sec. cor.

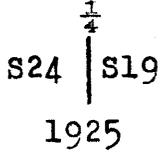
23.30 Road, brs. E. to Whiteheads' ranch and W. to Kirkland.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the

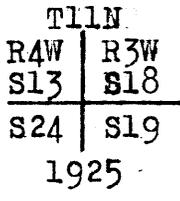
4 Resurvey of part of East bdy. of Township 11 North, Range 4 West.

Chains.

ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 19 and 24, marked on brass cap,



- 48.50 No bearing trees available.
- 57.00 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Ascend 203 ft., over S. slope. Spur, slopes E. Descend 199 ft., over NE. slope. Draw, course E. Ascend 212 ft., over SE. slope.
- 66.70 Ridge, brs. N. 70° E. and W. Descend 183 ft., over N. slope, to
- 80.00 Set trans. 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) at base of post, and raise a mound of stone, 3 ft. base, 16 ins. high around post, for reestablished cor. of secs. 13, 18, 19 and 24, marked on brass cap.



No bearing trees available.  
 Land, mountainous.  
 Soil, sandy and rocky, 2nd to 4th rate.  
 Timber, cottonwood along Arastra Creek only; none elsewhere.  
 Undergrowth, scrub oak, manzanita, mountain mahogany and laurel.



## Survey of part (completion) of East bdy. of Township 11 North, Range 4 W. 5

Chains.	
167.20	<p>From reestablished cor. of secs. 19, 24, 25 and 30, hereinbefore described, South, on random line, for distance only. Intersect the random S. bdy. of T. 11 N., R. 4 W., surveyed due East. Closing cor. of Ts. 10 and 11 N., R. 4 W., established at this point of intersection, as hereinafter described.</p>
2.38	<p>Thence, North, on true line, on E. bdy. of sec. 36. Over mountainous land, thru dense undergrowth. Descend slightly over E. slope.</p>
14.03	<p>Wash, 20 lks. wide, course SE. Ascend 110 ft., over SE. slope, to Intersect the N. bdy. of T. 10 N., R. 3 W., surveyed due West. Cor. of Ts. 10 and 11 N., R. 3 W. established at this point, as described in Book "E."</p>
23.48	<p>Continue line and measurement. Ascend 240 ft., over SE. slope. Spur, slopes E. Descend 214 ft., over NE. slope.</p>
33.29	<p>Dry creek, course SE. Ascend 173 ft., over S. slope, to</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 6 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, 5 ft. base, 2½ ft. high around post, for ¼ sec. cor. of sec. 36 only, marked on brass cap,</p>
	<p style="text-align: center;">¼ S 36   1925</p>
53.58	<p>No bearing trees available. Ascend 328 ft., over S. slope. Ridge, brs. E. and W.</p>
54.03	<p>Descend 21 ft., over N. slope, to (40.00 chs. N. from cor. of Ts. 10 and 11 N., R. 3 W.) Set an iron post, 3 ft. long, 1 in. in diam., 6 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 5 ft. base, 2½ ft. high, around post, for ¼ sec. cor. of sec. 31 only, marked on brass cap,</p>
	<p style="text-align: center;">¼ S 31   1925</p>
60.18	<p>No bearing trees available. Descend 181 ft., over NE. slope. Draw, course E.</p>
66.48	<p>Ascend 188 ft., over SE. slope. Spur, slopes NE.</p>
70.98	<p>Descend 123 ft., over N. slope. Head of draw, course NE.</p>
73.39	<p>Ascend 29 ft., over SE. slope. Spur, slopes N. 60° E.</p>
80.00	<p>Descend 150 ft., over N. slope, to Set an iron post, 3 ft. long, 2 ins. in 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 5 ft. base, 2 ft. high, around post, for cor. of secs. 25 and 36 only, marked on brass cap,</p>
	<p style="text-align: center;">T11N R4W   R3W S25   S36   S31 1925</p>
	<p>No bearing trees available. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, scrub oak, mountain mahogany and catclaw.</p>

## 6 Resurvey of part of East bdy. of Township 11 North, Range 4 West.

Chains.

North, on true line, on E. bdy. of sec. 25.  
 Over mountainous land, thru. dense undergrowth.  
 Descend 185 ft., over steep N. slope, to  
 9.50 Foot of steep slope, brs. E. and W. Enter rolling land. Desc. 40 ft. over N. slope to  
 13.40 Intersect the Subdivision line, bet. secs. 30 and 31, T. 11 N.,  
 R. 3 W., surveyed due West. Cor. of said secs. established  
 at this point, as described in Book "F."  
 Continue line and measurement.  
 Descend 55 ft., over N. slope.  
 25.00 Creek, 5 lks. wide, course E., containing water in pools.  
 Ascend 146 ft., over S. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor. of sec. 25 only, marked on  
 brass cap,

 $\frac{1}{4}$ S25

1925

No bearing trees available.  
 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 Ascend slightly over S. slope.  
 40.20 Spur, slopes E.  
 Descend 34 ft., over N. slope.  
 46.20 Wash, 10 lks. wide, course E.  
 Ascend 7 ft., over SE. slope, to  
 47.20 (40.00 chs. S. from reestablished cor. of secs. 19, 24, 25 and  
 30)  
 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. of sec. 30 only, marked on brass  
 cap,

 $\frac{1}{4}$ S30

1925

No bearing trees available.  
 Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
 Ascend 68 ft., over SE. slope.  
 71.50 Spur, slopes E.  
 Descend 61 ft., over N. slope.  
 77.50 Wash, 20 lks. wide, course E.; thence along broken E. slope.  
 87.20 Intersect the reestablished cor. of secs. 19, 24, 25 and 30,  
 hereinbefore described.  
 Land, mountainous and rolling.  
 Soil, gravelly and sandy, 2nd and 3rd rate.  
 Timber, none.  
 Undergrowth, scrub oak, catclaw and mountain mahogany.

Survey of part(completion)of South bdy.of Township 11 North,Range 4 W 7

Chains.

The West one mile of the S. bdy.of T.11 N.,R.4 W.was surveyed in 1871, by O.H.Case,U.S.D.S.,establishing the Tp.cor.common to four townships,and the  $\frac{1}{4}$  sec.and sec.cor. with common reference to areas on both sides of the line.

In 1916, C.M.Pidgeon,U.S.S. surveyed the E. bdy.of T.10 N.,R.5 W.,due north to intersection with the S. bdy.of sec.31, T.11 N.,R.4 W., established closing cor.at the point of intersection, resurveyed the W.  $\frac{1}{2}$  of S. bdy. of sec.31,T.11 N.,R.4 W.,and reconstructed the original Tp. cor.with an iron post and brass cap,to refer to Ts.11 N.,Rs.4 and 5 W.only.

The  $\frac{1}{4}$  sec.cor. by such resurvey became a monument for the quarters of sec. 31 only, but no change in the marking was required.

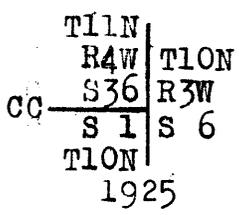
No other resurvey, and no retracement of this part of the Tp. bdy. is of record.

The following notes describe a survey of the East five miles of the South bdy.of T.11 N.,R.4 W., which completes the survey of said boundary.

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398.10

From the original cor.of secs.5,6,31 and 32,hereinafter described,  
East,on random line,for distance only,setting temp.cors. at intervals of 40.00 chs.,and at  
Intersect the random E. bdy.of T.11 N.,R.4 W., surveyed due South, as hereinbefore described.  
At point of intersection, set an iron post, 3 ft.long, 3 ins. in diam.,28 ins.in the ground, for closing cor. of Ts.10 and 11 N., R.4 W., marked on brass cap,



16.16

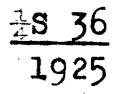
21.50

26.90

29.80

40.00

No bearing trees available.  
Raise a mound of stone, 3 ft.base,2 ft.high,W.of cor. Thence,  
West,on true line, on S.bdy. of sec.36.  
Over mountainous land,thru.dense undergrowth.  
Ascend 155 ft.,over E.slope.  
Spur,slopes S.  
Descend 32 ft.,over W.slope.  
Draw, course S.  
Ascend 50 ft.,over E.slope.  
Point of spur,slopes S.  
Descend 40 ft., over SW.slope.  
Wash, 30 lks.wide, course S.80°E.  
Ascend 132 ft.,over NE.slope,to  
Set an iron post, 3 ft.long, 1 in. 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, 4 ft.base, 22 ins.high around post, for  $\frac{1}{4}$  sec.cor.of sec. 36 only, marked on brass cap,



65.30

79.00

80.00

No bearing trees available.  
Ascend 338 ft.,over broken NE.slope,to  
Same wash,20 lks.wide,course NE.  
Ascend 305 ft., over SE.slope.  
Ridge,brs.NE. and SW.  
Ascend slightly over N.slope,to  
Set an iron post,3 ft.long,2 ins.in diam.,28 ins.in the ground,for cor.of secs.35 and 36 only,marked on brass cap,

## BOOK 3717

8 Survey of part(completion) of South bdy. of T.11 N., R. 4 W.

Chains.

T11N R4 W  
S35 | S36

1925

No bearing trees available.  
 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
 Land, mountainous.  
 Soil, rocky, 3rd and 4th rate.  
 Timber, none.  
 Undergrowth, manzanita, mescal, scrub oak, catclaw and cacti.

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West, on true line, on S. bdy. of sec. 35.  
 Over mountainous land, thru. dense undergrowth.  
 Ascend 42 ft., over N. slope.  
 2.32 Ascend 388 ft., over NE. slope.  
 13.90 Spur, slopes N.  
 Descend 373 ft., over W. slope.  
 28.85 Wash, 25 lks. wide, course NE.  
 Ascend 76 ft., over SE. slope.  
 33.78 Ridge, brs. NE. and SW.  
 Descend 109 ft., over NW. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. 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, 3 ft.  
 base, 16 ins. high around post, for sec. cor. of sec. 35  
 only, marked on brass cap,

1/4 S 35

1925

No bearing trees available.  
 Descend 16 ft., over NW. slope.  
 43.00 Wash, course NW.  
 Ascend 342 ft., over E. slope, to  
 54.40 Spur, slopes SE.  
 Ascend 116 ft., over S. slope, to  
 62.00 Same spur, slopes NE.  
 Descend 153 ft., over NW. slope.  
 74.94 Wash, course N.  
 Ascend 179 ft., over E. slope, to  
 80.00 Point of spur, slopes NE.  
 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) at base of post, and raise a mound of stone around  
 post, 3 ft. base, 18 ins. high, for cor. of secs. 34 and 35,  
 only, marked on brass cap,

T11N R4 W  
S34 | S35

1925

Land, mountainous.  
 Soil, sandy and rocky, 3rd rate.  
 Timber, none.  
 Undergrowth, scrub oak, mescal, cacti, catclaw, juniper,  
 cottonwood and laurel.

-----

West, on true line, on S. bdy. of sec. 34.  
 Over mountainous land, thru. dense undergrowth.  
 Ascend 131 ft., over N. and NE. slopes.  
 7.00 Ridge, brs. NW. and SE.  
 Descend 378 ft., over SW. slope.  
 20.74 Wash, 25 lks. wide, course NW.  
 Ascend 58 ft., over NE. slope, over NW. slope.  
 23.24 Spur, slopes NW.  
 Descend 40 ft., over SW. slope.  
 25.40 Wash, 20 lks. wide, course NW.  
 Ascend 310 ft., over NE. slope.

## Survey of part (completion) of South bdy. of T. 11 N., R. 4 E. 9

Chains.  
 33.00 Spur, slopes NW.  
 Descend 72 ft., over W. slope.  
 37.50 Descend 96 ft., over N. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. 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 3 ft.  
 base, 18 ins. high around post, for  $\frac{1}{4}$  sec. cor. of sec.  
 34 only, marked on brass cap,

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

1925

No bearing trees available.  
 Descend 40 ft., over N. slope, to  
 44.58 Spur, slopes W. from S. 80° E.  
 Descend 145 ft., along top of spur, to  
 56.40 Point of same spur. Leave top of spur.  
 Descend 340 ft., over W. slope.  
 71.10 Arastra Creek, containing a stream of water, 20 lks. wide,  
 1 ft. deep, course NW.  
 Ascend 240 ft., over SE. slope, to  
 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) at base of post, and raise a mound of stone  
 3 ft. base, 16 ins. high, around post, for cor. of secs. 33  
 and 34 only, marked on brass cap,

T11N R4 W

S33 | S34

1925

No bearing trees available.  
 Land, mountainous.  
 Soil, rocky and sandy, 3rd and 4th rate.  
 Timber, scattering cottonwood and beech along Arastra  
 Creek only; none elsewhere.  
 Undergrowth, cacti, mesquite, scrub oak, catclaw and laurel.

-----  
 West, on true line, on S. bdy. of sec. 33.  
 Over mountainous land, thru. dense undergrowth.  
 Ascend 614 ft., over SE. slope.  
 28.48 Ridge, brs. NE. and SW.  
 Descend 234 ft., over SW. slope.  
 38.80 Wash, 20 lks. wide, course NW.  
 Ascend 40 ft., over NE. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. of sec. 33 only, marked on brass  
 cap,

$\frac{1}{4}$ S 33

1925

No bearing trees available. Raise a mound of stone, 2 ft.  
 base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Ascend 26 ft. over NE. slope.  
 43.66 Point of spur, slopes N.  
 Descend 254 ft., over NW. slope.  
 61.10 Wash, 20 lks. wide, course NW.  
 Ascend 202 ft., over NE. slope.  
 68.00 Point of spur, slopes NW.  
 Descend 173 ft., over W. slope.  
 75.40 Wash, 35 lks. wide, course NE.  
 Ascend 174 ft., over E. slope, to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 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, 3 ft.  
 base, 28 ins. high around post, for cor. of secs. 32 and  
 33 only, marked on brass cap,

## BOOK 3717

10 Survey of part(completion)of S.bdy.of Township 11 North,Range 4 W.

Chains.

T11N R4 W  
S32 | S33  
 1925

No bearing trees available.  
 Land, mountainous.  
 Soil, rocky and gravelly, 3rd and 4th rate.  
 Timber, none.  
 Undergrowth, scrub oak, mescal, catclaw and cacti.

-----

West, on true line, on S.bdy. of sec. 32.  
 Over mountainous land, thru. dense undergrowth.  
 Ascend 18 ft., over NE. slope.  
 4.00 Point of spur, slopes NE.  
 Descend 439 ft., over NW. slope.  
 29.00 Draw, course N.  
 Ascend 30 ft., over E. slope.  
 34.50 Spur, slopes N.  
 Descend 55 ft. over W. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 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,  
 3 ft. base, 30 ins. high, around post, for  $\frac{1}{4}$  sec. cor. of  
 sec. 32 only, marked on brass cap,

TS 32  
 1925

No bearing trees available.  
 Descend 111 ft., over W. slope.  
 48.10 Wash, 20 lks. wide, course NW.  
 Ascend 70 ft., over NE. slope.  
 66.05 Point of spur, slopes NW.  
 Descend 80 ft., over W. slope, to  
 78.10 Intersect the original cor. of secs. 5, 6, 31 and 32, which is  
 a malpais stone, 14x12x8 ins., firmly set in mound of  
 stone, marked with 5 notches on E. face, and 1 notch on  
 W. face. No accessories.  
 Reconstruct this cor. monument, and alter same to refer to  
 secs. 31 and 32 only, as follows:  
 Remove the mound of stone, and in center of its position,  
 reset old corner stone 8 ins. in the ground, and along-  
 side same set an iron post, 3 ft. long, 2 ins. 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, 3 ft. base, 18 ins. high, for cor. of  
 secs. 31 and 32 only, marked on brass cap,

T11N R4 W  
S31 | S32  
 1925

No bearing trees available.  
 Land, mountainous.  
 Soil, rocky and sandy, 3rd and 4th rate.  
 Timber, none.  
 Undergrowth, scrub oak, mescal, catclaw and cacti.

-----

Chains.

The subdivision lines of North half of this Tp., and of secs. 19, 20, 21, 30 and 31, were surveyed by O.H. Case, U.S. D.S. in 1871, and no retracement or resurvey of any part of same is of record.

None of the other subdivision lines of this Tp. have been surveyed.

The following notes describe a resurvey of all the subdivision lines of the Tp., which bound the unsurveyed portion.

-----  
Retracement for Resurvey.

From the cor. of secs. 31 and 32, on the S. bdy. of the Tp., hereinbefore described,  
 North, on random line, bet. secs. 31 and 32.

40.00 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor.

Set temp. cor., and continue line and measurement.

80.26 Fall 12 lks. W. of the original cor. of secs. 29, 30, 31 and 32, hereinafter described.

True course and dist. of line, bet. secs. 31 and 32 are therefore S. 0° 5' W., 80.26 chs.

-----  
 From original cor. of secs. 29, 30, 31 and 32,  
 North, on random line, bet. secs. 29 and 30 ( $S. \frac{1}{2}$ ).

40.11 Fall 28 lks. E. of the original  $\frac{1}{4}$  sec. cor., hereinafter described.

True course and dist. of S.  $\frac{1}{2}$  of line, bet. secs. 29 and 30, are therefore, S. 0° 24' E., 40.11 chs.

Thence,

North, on random line, bet. secs. 29 and 30 ( $N. \frac{1}{2}$ ).

40.41 Fall 81 lks. E. of the original cor. of secs. 19, 20, 29 and 30, hereinafter described.

True course and dist. of N.  $\frac{1}{2}$  of line, bet. secs. 29 and 30, are therefore, S. 1° 9' E., 40.42 chs.

-----  
 From original cor. of secs. 19, 20, 29 and 30,  
 East, on random line.

40.00 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor. of secs. 20 and 29.

Set temp. cor.

Continue line and measurement.

80.00 Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 20, 21, 28 and 29,

Set temp. cor. (A) of said secs.

Continue line and measurement.

120.00 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor. of secs. 21 and 28.

Set temp. cor.

Continue line and measurement.

160.00 Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 21, 22, 27 and 28.

Set temp. cor. (A) of said secs.

From original cor. of secs. 1, 2, 35 and 36, Ts. 11 and 12 N., R. 4 W., hereinafter described,

West, on random N. bdy. of the Tp., searching diligently at record intervals for the original cor. monuments.

Fail to find a trace of any old  $\frac{1}{4}$  sec. cor. or sec. cor., and at

402.47 Fall 337 lks. N. of the cor. of Ts. 11 and 12 N., Rs. 4 and 5 W., hereinafter described.

Thence,

N. 89° 31' E., on trial Tp. bdy.

160.12 (Proportional dist.) Set temp. cor. of secs. 4, 5, 32 and 33.

## BOOK 3717

## 12 Resurvey of part of Subdivision lines of T. 11 N., R. 4 W.

Chains.	
	From temp.cor.of secs.4,5,32 and 33, on N.bdy.of Tp., S.0°4'E.,on random line.
40.20	Diligent search in this vicinity fails to reveal any trace of original $\frac{1}{4}$ sec.cor.of secs.4 and 5.
	Continue line and measurement.
80.20	Diligent search in this vicinity fails to reveal any trace of the original cor.of secs.4,5,8 and 9.
	Thence,
	South, on random line, continuing measurement and searching diligently at record intervals for the original cor.monuments.
320.20	Fail to find a trace of any old cor., and at (Record dist. from N. bdy.) diligent search in this vicinity failing to reveal any trace of the original cor. of secs.20,21,28 and 29, set temp.cor.(B)of said secs.
	Thence,
	South, measuring from temp.cor.(B).
3.73	A point 3.82 chs.W.of temp.cor.(A) set at 80.00 chs.E.from cor.of secs.19,20,29 and 30, as hereinbefore described.
	The point for reestablishment of the cor.of secs.20,21, 28 and 29, determined by the foregoing retracements is therefore at 3.73 chs.N.of temp. cor.(A) and 3.82 chs. E. of temp.cor.(B)of said secs.
	The true course and length of the subdivision line bet. secs.20 and 29 is therefore S.87°20'W., 80.09 chs.
	The point for cor. of secs. 4,5,32 and 33 on the N.bdy. of the Tp. set at the proportional dist. of 160.12 chs. N.89°31'E. from the NW cor.of the Tp., brs.N.0°42'W., 320.22 chs.from the reestablished point for cor.of secs. 20,21 28 and 29.
	From original cor.of secs.15,16,21 and 22,hereinafter de-
	scribed,
	South,on random line, bet. secs.21 and 22.
40.00	Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec.cor.
	Continue line and measurement.
80.00	Diligent search in this vicinity fails to reveal any trace of the original cor.of secs.21,22,27 and 28.
	Set temp. cor.(B) of said secs.
	Thence,
	South, measuring from temp.cor.(B)
1.31	A point 1.42 chs;W.of temp.cor.(A) of same secs.set at 160 chs. E.from cor.of secs.19,20,29 and 30, as hereinbefore described.
	The point for reestablishment of the cor.of secs.21,22,27 and 28, determined by the foregoing retracements is therefore, at 1.31 chs.N.of temp.cor.(A) and 1.42 chs. E. of temp.cor.(B).
	The resulting true courses and lengths of the subdivision lines extending westerly and northerly from this re-
	established sec.cor. are:
	Line bet.secs.21 and 28 = N.88°16'W.,80.04 chs.
	Line bet.secs.21 and 22 = S.1° 1' E.,80.01 chs.
	-----
	From original cor. of secs.15,16,21 and 22, hereinafter
	described,
	East, on random line, bet. secs.15 and 22.
40.00	Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec.cor.
	Set temp.cor.,and continue line and measurement.
81.15	Fall 2.22 chs.S. of the original cor.of secs.14,15,22 and 23, hereinafter described.
	True course and dist. of line, bet.secs.15 and 22 are therefore,S.88°26'W., 81.18 chs.
	-----

Resurvey of part of Subdivision lines of Township 11 N., R.4 W. 13

Chains.

40.00 From original cor. of secs. 14, 15, 22 and 23, East, on random line, bet. secs. 14 and 23 (W.  $\frac{1}{4}$ ).  
 Fall 1.09 chs. S. of the original  $\frac{1}{4}$  sec. cor. of secs. 14 and 23, hereinafter described.  
 The true course and dist. of the W.  $\frac{1}{4}$  of line bet. secs. 14 and 23 are therefore S. 88° 26' W., 40.01 chs.

Thence,  
 39.68 East, on random line, bet. secs. 14 and 23 (E.  $\frac{1}{4}$ ).  
 Fall 38 lks. S. of the original cor. of secs. 13, 14, 23 and 24, hereinafter described.  
 True course and dist. of E.  $\frac{1}{4}$  of line, bet. secs. 14 and 23 are therefore S. 89° 27' W., 39.68 chs.

-----  
 40.00 From original cor. of secs. 13, 14, 23 and 24, East, on random line, bet. secs. 13 and 24.  
 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor.  
 Set temp. cor., and continue line and measurement.  
 79.50 Fall 1.67 chs. S. of the reestablished cor. of secs. 13, 18, 19 and 24 on the E. bdy. of the Tp., hereinbefore described.  
 True course and dist. of line, bet. secs. 13 and 24, are therefore S. 88° 48' W., 79.52 chs.

RESURVEY.

From reestablished cor. of secs. 13, 18, 19 and 24, on E. bdy. of the Tp., hereinbefore described,  
 S. 88° 48' W., on true line, bet. secs. 13 and 24.  
 Over mountainous land, thru, dense undergrowth.  
 Descend 225 ft., over NW. slope.  
 12.10 Draw, course NE.  
 Ascend 161 ft., over SE. slope.  
 17.15 Spur, slopes NE.  
 Descend 146 ft., over NW. slope.  
 39.60 Draw, course N. 10° E.  
 Ascend slightly over E. slope, to  
 39.76 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 4 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, 5 ft. base, 2 1/2 ft. high, around post, for re-established  $\frac{1}{4}$  sec. cor. of secs. 13 and 24, marked on brass cap,

$\frac{1}{4}$  S 13  
 S 24  
 1925

No bearing trees available.  
 Ascend 96 ft., over E. slope.  
 47.02 Spur, slopes NE.  
 Descend 124 ft., over NW. slope.  
 57.00 Draw, course N.  
 Ascend 55 ft., over E. slope.  
 60.10 Spur, slopes N.  
 Descend 165 ft., over NW. slope.  
 64.75 Bottom of Placerita Gulch, course NE.  
 Ascend 142 ft., over SE. slope, to  
 79.52 Intersect the original cor. of secs. 13, 14, 23 and 24, which is a granite stone, 22x16x8 ins., marked with faint notches on each of E. and S. faces, and firmly set in a mound of stone. No accessories.  
 Reconstruct this cor. monument as follows:  
 Remove the mound of stone, and in center of its position, reset old corner stone, 15 ins. in the ground, and alongside same, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap,

## 14 Resurvey of part of Subdivision lines of Township 11 North, Range 4 W.

Chains.

T11N R 4W	
S14	S13
S23	S24
1925	

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

From this cor., Cor. No. 3 of "Morning Star" patented lode mining claim, Mineral Survey No. 1496 brs. N.  $39\frac{1}{4}^{\circ}$  E., 1.75 chs. dist.

This mining claim cor. monument is a pine post, 4 ins. square projecting 4 ft. above ground, firmly set in ground, and mound of stone, and marked 3-1496 on NW. face.

Land, mountainous.

Soil, sandy and rocky, 3rd rate.

Timber, none.

Undergrowth, scrub oak, mountain mahogany, manzanita and cacti.

- 
- S.  $89^{\circ}27'W.$ , on true line, bet. secs. 14 and 23 ( $E.\frac{1}{2}$ ).  
Over mountainous land, thru. dense undergrowth.  
Ascend slightly over SE. slope.
- 0.10 Point of spur, slopes S.  
Descend 90 ft., over SW. slope.
- 1.14 Intersect SE. side line (2-3) of "Morning Star" patented lode mining claim Mineral Survey No. 1496 at a point 2.62 chs. S.  $59^{\circ}5'W.$ , from cor. No. 3 thereof.  
Thence, across patented lode mining claims of Mineral Survey No. 1496.
- 3.38 Draw, course S.  $30^{\circ}E.$   
Ascend 100 ft., over E. slope.
- 15.47 Spur, slopes S.  
Descend 87 ft., over SW. slope.
- 23.28 Draw, course S.  
Ascend 110 ft., over SE. slope, to
- 39.68 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 14 and 23, which is a granite stone, 16x12x8 ins., marked  $\frac{1}{4}$  on N. face, and firmly set, in a mound of stone.

No accessories.

Reconstruct this cor. monument, as follows:

Remove the mound of stone, and in center of its position, reset old cor. stone, 10 ins. in the ground, and alongside same, set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of secs. 14 and 23, marked on brass cap,

$\frac{1}{4}$	S 14
	S 23
	1925

No bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence,

S.  $88^{\circ}26'W.$ , on true line, bet. secs. 14 and 23 ( $W.\frac{1}{2}$ ).

Over mountainous, thru. dense undergrowth, across patented lode mining claims of Mineral Survey No. 1496.

Ascend 103 ft., over SE. slope, undergrowth, across patented

- 9.00 Spur, slopes S.

Descend 100 ft., over SW. slope.

- 11.77 Intersect NW. side line (2-3) of "Contact No. 2" patented lode mining claim of Mineral Survey No. 1496, at a point 1.17 chs. N.  $33^{\circ}50'E.$  from cor. No. 2 thereof, identical with cor. No. 3 of "Hillside" patented lode mining claim of same mineral survey.

This mining claim cor. monument is pine post, 4 ins. square, projecting 3 ft. above ground, firmly set in ground and mound of stone, marked C. No. 2-1496 on E. face and, H-3-1496 on S. face.

Resurvey of part of Subdivision lines of Township 11 North, Range 4 W. <sup>15</sup>

Chains.

16.31 Leave patented lode mining claims+  
 Draw, course S.20°E.  
 Ascend 284 ft., over SE.slope.

31.00 Ridge, brs.NE. and SW.  
 Descend 44 ft., over NW.slope, to

40.01 Intersect the original cor. of secs.14,15,22 and 23, which  
 is a granite stone, 18x8x6 ins., marked with 3 notches  
 on S. face, and 2 notches on E. face, and firmly set in a  
 mound of stone.  
 No accessories.  
 Reconstruct this cor. monument as follows:  
 Remove the mound of stone, and in center of its position,  
 reset old cor. stone, 15 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, 4 ft. base, 20 ins.  
 high, around post for cor. of secs. 14, 15, 22 and 23,  
 marked on brass cap,

T11N	R3W
S15	S14
S22	S23

1925

No bearing trees available.  
 From this sec. cor., U.S.L.M. No. 2041 brs. N. 5° 58' W., 79.67  
 chs. dist.  
 Land, mountainous.  
 Soil, sandy and gravelly, 3rd rate.  
 Timber, none.  
 Undergrowth, scrub oak, manzanita, catclaw, mescal and  
 cacti.

S. 88° 26' W., on true line, bet. secs. 15 and 22.  
 Over rolling land, thru. scattering undergrowth.  
 Descend 103 ft., over NW.slope, to

19.94 Foot of slope, brs. NE. and SW. Thence over level land.

37.00 Road, brs. NE. and SW.

37.10 Fence, brs. NE. and SW.

40.59 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam.,  
 27 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of  
 secs. 15 and 22, marked on brass cap,

$\frac{1}{4}$	S 15
	S 22

1925

No bearing trees available. Raise a mound of stone, 2 ft.  
 base, 1  $\frac{1}{2}$  ft. high, N. of cor.

43.29 Continue over level land, thru. scattering undergrowth.  
 Fence, brs. NW. and SE. at foot of slope, same bearing.  
 Enter rolling land.  
 Ascend 182 ft., over E. slope.

75.43 Spur, slopes SE.  
 Descend 40 ft., over SW.slope to sec. cor.

80.79 Fence, brs. N. and S.

81.18 Intersect the original cor. of secs. 15, 16, 21 and 22, which  
 is a granite stone 20x8x8 ins., marked with 3 notches  
 on each of E. and S. faces, and firmly set in a mound of  
 stone. No accessories.  
 Reconstruct this cor. monument as follows:  
 Remove the mound of stone, and in center of its position,  
 reset old corner stone, 14 ins. in the ground, and along-  
 side same. set an iron post, 3 ft. long, 2 ins. 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 cor. of secs. 15, 16, 21  
 and 22, marked on brass cap,

Chains.

T11N, R4 W	
S16	S15
S23	S22
1925	

No bearing trees available.  
Land, rolling and level.  
Soil, sandy and gravelly, 2nd and 3rd rate.  
Timber, none.  
Undergrowth, manzanita, cacti, mescal, catclaw and scrub oak.

S.1°1'E., on true line, bet. secs. 21 and 22.  
Over rolling land, thru. dense undergrowth.  
Descend 180 ft., over SW. slope.  
36.80 Wash, 30 lks. wide, course W.  
Ascend 30 ft., over N. slope, to  
40.01 (Midpoint) Set an iron post, 3 ft. long, 1 in. 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, 3 ft. base, 22 ins. high around post, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 21 and 22, marked on brass cap,

†	
S21	S22
1925	

No bearing trees available.  
Ascend 140 ft., over N. slope.  
66.10 Spur, slopes W.  
Descend 270 ft., over SW. slope, to  
80.01 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) at base of post, and raise a mound of stone, 3 ft. base, 16 ins. high around post, for reestablished cor. of secs. 21, 22, 27 and 28, marked on brass cap,

T11N, R4 W	
S21	S22
S28	S27
1925	

No bearing trees available.  
Land, rolling.  
Soil, sandy and rocky, 3rd rate.  
Timber, none.  
Undergrowth, manzanita, mescal, cacti, scrub oak and catclaw.

N.88°16'W., on true line, bet. secs. 21 and 28.  
Over rolling land, thru. dense undergrowth.  
Descend 52 ft., over SW. slope.  
1.30 Fence, brs. N. and S.  
4.60 Wash, 25 lks. wide, course SE.  
Ascend 20 ft., over NE. slope, to  
6.50 Same wash, 40 lks. wide, course NE.  
Ascend 32 ft., over E. slope.  
11.75 Descend 20 ft., over NW. slope.  
18.00 Wash, 30 lks. wide, course N. from SW.  
Ascend 26 ft., over SE. slope, to  
31.70 Same wash, 25 lks. wide, course SE.  
Ascend gradually over NE. slope, to  
34.60 Same wash, 30 lks. wide, course NE. Enter mountainous land.  
Ascend 113 ft., over SE. slope, to  
39.80 Spur, slopes NE.  
Ascend slightly over N. slope, to  
40.02 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., over

Resurvey of part of Subdivison lines of Township 11 North, Range 4 W. 17

Chains.

a cross (x) marked on surface rock, and raise a mound of stone, 4 ft. base, 34 ins. high around post, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 21 and 28, marked on brass cap,

$\frac{1}{4}$  S 21  
S 28  
1925

- No bearing trees available.
- Ascend gradually over steep N. slope.
- 45.95 Ascend 167 ft., over NE. slope.
- 58.97 Ridge, brs. N. and S., with spur sloping W. from same at about 2 chs. N. of this point.
- 80.04 Descend 203 ft., over steep SW. slope, to 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) at base of post, and raise a mound of stone 3 ft. base, 15 ins. high around post, for reestablished cor. of secs. 20, 21, 28 and 29, marked on brass cap,

T11N R4W  
S20 | S21  
S29 | S28  
1925

No bearing trees available.  
Land, rolling and mountainous.  
Soil, sandy, gravelly and rocky, 3rd rate.  
Timber, none.  
Undergrowth, manzanita, mescal, scrub oak, cacti and catclaw.

- 
- S. 87° 20' W., on true line, bet. secs. 20 and 29.
  - Over rolling land, thru. dense undergrowth.
  - Descend 25 ft., over SW. slope.
  - 2.80 Wash, 30 lks. wide, course NW.
  - Ascend 30 ft., over E. slope.
  - 11.70 Point of spur, slopes NE.
  - Descend 50 ft., over NW. slope.
  - 15.20 Wash, 40 lks. wide, course NE.
  - Ascend 25 ft., over E. slope.
  - 21.75 Spur, slopes NE.
  - Descend 74 ft., over NW. slope.
  - 31.73 Wash, 50 lks. wide, course NE. Enter nearly level land.
  - Ascend slightly over NE. slope, to
  - 40.05 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 20 and 29, marked on brass cap,

$\frac{1}{4}$  S 20  
S 29  
1925

- No bearing trees available.
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- Continue over nearly level land, thru. dense undergrowth.
- Descend slightly over NW. slope, to
- 52.27 Wash, 30 lks. wide, course NW.
- Ascend slightly over NE. slope, to
- 57.70 Center of wash, 100 lks. wide, course NE.
- 62.27 Wash, 40 lks. wide, course N.
- 71.20 Enter rolling land.
- Descend 30 ft., over NW. slope.
- 74.65 Wash, 20 lks. wide, course NE.
- Ascend 30 ft., over NE. slope, to
- 80.09 Intersect the original cor. of secs. 19, 20, 29 and 30, which is a granite stone, 16x14x8 ins., marked with 5 notches on E. face and 2 notches on S. face, and firmly set in a mound of stone. No accessories.

## 18 Resurvey of part of Subdivision lines of Township 11 North, Range 4 W.

Chains.

Reconstruct this cor.monument, as follows:  
Remove the mound of stone, and in center of its position, reset the old cor.stone, 10 ins. in the ground, and alongside same set an iron post, 3 ft.long, 2 ins. 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 3 ft.base, 18 ins. high around post, for cor.of secs.19, 20, 29 and 30, marked on brass cap,

T11N	R4W
S19	S20
S30	S29
1925	

No bearing trees available.  
Land, rolling and nearly level.  
Soil, sandy and rocky, 3rd rate.  
Timber, none.  
Undergrowth, manzanita, mescal, scrub oak and cacti.

40.42

S.1° 9'E., on true line, bet. secs.29 and 30 (N.  $\frac{1}{2}$ ).  
Over nearly level land, sloping slightly to the E., thru. dense undergrowth.

Intersect the original  $\frac{1}{4}$  sec.cor.of secs.29 and 30, which is a granite stone, 14x12x6 ins., marked  $\frac{1}{4}$  on W.face, and firmly set in a mound of stone. No accessories.

Reconstruct this cor.monument as follows:

Remove the mound of stone, and in center of its position, reset the old corner stone, 9 ins.in the ground, and alongside same, set an iron post, 3 ft.long, 1 in.in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor. of secs.29 and 30, marked on brass cap,

$\frac{1}{4}$	
S30   S29	
1925	

No bearing trees available.  
Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$  ft.high, W.of cor. Thence,

5.00

S.0° 24'E., on true line, bet. secs.29 and 30 (S.  $\frac{1}{2}$ ).  
Over nearly level land, thru. dense undergrowth.

27.55

Wash, 20 lks.wide, course E. Enter rolling land.  
Ascend 247 ft., over N.slope.

34.18

Ridge, brs.E.and W.  
Descend 20 ft., over gradual S.slope, to  
Rim of gulch, brs.NW and SE. Enter mountainous land.  
Descend 80 ft., over SW.slope.

39.00

Wash, 25 lks.wide, course NW. in bottom of gulch.  
Ascend 15 ft., over NE.slope, to

40.11

Intersect the original cor.of secs.29, 30, 31 and 32, which is a granite stone, 24x20x16 ins., marked with 5 notches on E.face and 1 notch on S.face, and firmly set in a mound of stone. No accessories.

Reconstruct this cor. monument as follows:

Remove the mound of stone, and in center of its position, reset old corner stone, 16 ins.in the ground, and alongside same, set an iron post, 3 ft.long, 2 ins.in diam., 28 ins. in the ground for cor.of secs. 29, 30, 31 and 32, marked on brass cap,

T11N	R4 W
S30	S29
S31	S32
1925	

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

Land, nearly level, rolling and mountainous.  
Soil, sandy and gravelly, 2nd and 3rd rate.

## Resurvey of part of Subdivision lines of Township 11 North, Range 4 W. 19

Chains.

Timber, none.  
Undergrowth, mescal, catclaw, scrub oak and juniper.

- 
- S.0°5'W., on true line, bet. secs. 31 and 32.  
Over mountainous land, thru. dense undergrowth.  
Ascend 236 ft., over N. and NW. slopes.  
13.60 Spur, slopes SW. Enter rolling land.  
Descend 40 ft., over S. slope, to  
33.80 Rim of gulch, brs. E. and W. Enter mountainous land.  
Descend 98 ft., over S. slope, to  
40.13 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 26  
ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs.  
31 and 32, marked on brass cap,

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

- No bearing trees available.  
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
Descend 35 ft., over S. slope.  
42.20 Wash, 30 lks. wide, in bottom of gulch, course W.  
Ascend 125 ft., over N. slope, to  
51.18 Rim of gulch, brs. E. and W. Enter rolling land.  
Ascend 70 ft., over gradual N. slope.  
65.13 Spur, slopes W.  
Descend 30 ft., over S. slope.  
70.85 Wash, 20 lks. wide, course W. Enter mountainous land.  
Ascend 55 ft., over NW. and W. slopes, to  
80.26 Intersect the reconstructed cor. of secs. 31 and 32, on the  
S. bdy. of the Tp., hereinbefore described.  
Land, mountainous and rolling.  
Soil, gravelly and rocky, 3rd rate.  
Timber, none.  
Undergrowth, scrub oak, juniper, laurel, mescal, catclaw and  
cacti.
-

Reconstruction of cors. used in the reestablishment by double proportion of certain missing cors. of the resurveyed subdivision lines of Township 11 North, Range 4 West.

20

Chains.

Cor. of secs. 1, 2, 35 and 36, Ts. 11 and 12 N., R. 4 W.

The original cor. of secs. 1, 2, 35 and 36 on N. bdy. of T. 11 N., R. 4 W., established in 1871 by O. H. Case, U. S. D. S. is a granite stone, 10x4x3 ins. above ground, firmly set, marked with 1 notch on E. edge, and 5 notches on W. edge, and witnessed by four nearly filled pits, one each NE., SE., SW. and NW. of cor., and a small mound of earth W. of cor. No bearing trees.

Reconstruct this cor. monument as follows:

Alongside the old corner stone, set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T12N R4 W	
S35	S36
S 2	S 1
T11N	
1925	

No bearing trees available. Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

The true course and length of the N. bdy. of T. 11 N., R. 4 W. from this cor. to the cor. of Ts. 11 and 12 N., Rs. 4 and 5 W. as determined by the retracement hereinbefore described, are S. 89° 31' W., 402.49 chs.

-----  
Cor. of Township 11 and 12 North, Ranges 4 and 5 West.

The cor. of Ts. 11 and 12 N., Rs. 4 and 5 W., was established in 1871 by O. H. Case, U. S. D. S., monumenting same by setting a granite stone properly notched in a mound of stone.

In 1917, T. O. Johnston, U. S. S. found this cor. monument in dilapidated condition, and according to his record reconstructed the same by resetting the original corner stone, 18 ins. in the ground, and raising a mound of stone, S. of cor.

No other change in this cor. monument is of record.

Alongside the original granite corner stone which is firmly set, exposed 24x16x6 ins. above ground, and marked with 6 notches on each of E., W., N. and S. edges,

Set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in the ground, for cor. of Ts. 11 and 12 N., Rs. 4 and 5 W., marked on brass cap,

T12N	
R5W	R4W
S36	S31
S 1	S 6
T11N	
1925	

Leave undisturbed, the mound of stone, 2 ft. base, 1½ ft. high, S. of cor., which was established as accessory to this cor. in the previous reconstruction.

No bearing trees available.

-----

Boundaries of that part of T. 11 N., R. 4 W. subdivided  
under this group (secs. 22-29 and secs. 31-36).

-----  
Latitudes, departures and closing errors.  
-----

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	398.10				398.10
Subdivisional boundary,	N. 0° 5' E.	80.26	80.26		.12	
	N. 0° 24' W.	40.11	40.11			.28
	N. 1° 09' W.	40.42	40.41			.81
	N. 87° 20' E.	80.09	3.73		80.00	
	S. 88° 16' E.	80.04		2.42	80.00	
	N. 1° 01' W.	80.01	80.00			1.42
	N. 88° 26' E.	121.19	3.31		121.15	
	N. 89° 27' E.	39.68	.38		39.68	
N. 88° 48' E.	79.52	1.67		79.50		
East boundary,	South,	247.20		247.20		
Convergency,					.18	
<u>Totals.</u>			249.87	249.62	400.63	400.61
			249.62		400.61	
<u>Error in latitude,</u>			0.25			
<u>Error in departure,</u>					0.02	

## BOOK 3717

22 Survey of part(completion)of Subdivision lines of T.11 N.,R.4 W.

Chains.

- From the cor.of secs.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. dense undergrowth.  
Descend 175 ft., over N.slope.
- 14.90 Draw, course E.  
Ascend 194 ft., over SE.slope.
- 21.20 Spur,slopes E.  
Descend 178 ft.,over N.slope,to
- 28.80 Draw, course E. near head.  
Ascend 80 ft., over SE.slope,to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.in  
the ground, for  $\frac{1}{4}$  sec.cor. of secs.35 and 36, marked  
on brass cap,
- $\frac{1}{4}$   
S35 | S36  
1925
- No bearing trees available. Raise a mound of stone, 3 ft.  
base. 2 ft.high, W.of cor.  
Ascend 64 ft., over SE.slope.
- 45.40 Ridge, brs.E. and SW.  
Descend 429 ft.,over N.slope.
- 55.60 Creek, containing stream of water, 8 lks.wide, 5 ins.deep,  
in gulch, course NE.  
Ascend 133 ft. over SE. slope.
- 72.30 Point of spur, slopes E.  
Descend 61 ft., over NE. slope,to
- 80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 27 ins.in the  
ground for cor.of secs.25,26, 35 and 36, marked on  
brass cap,
- T11N, R4 W  
S26 | S25  
S35 | S36  
1925
- No bearing trees available. Raise a mound of stone, 3  
ft.base, 2 ft.high,W. of cor.  
Land, mountainous.  
Soil,sandy and gravelly, 3rd rate.  
Timber, none.  
Undergrowth, scrub oak, mountain mahogany and manzanita.
- 
- 40.00 East,on random line, bet. secs.25 and 36.  
Set temp. $\frac{1}{4}$  sec.cor.
- 79.92 Intersect the E. bdy. of the Tp., 12 lks.S.of the cor.of  
secs.25 and 36, hereinbefore described.  
Thence,  
S.89°55'W., on true line, bet. secs.25 and 36.  
Over mountainous land, thru. dense undergrowth.  
Ascend 52 ft.,over N.slope.
- 5.80 Descend 66 ft., over NW.slope.
- 10.90 Draw, course NE.  
Ascend 253 ft., over NE.slope.
- 20.60 Spur,slopes N.  
Descend 82 ft., over NW.slope.
- 25.40 Draw, course N.  
Ascend 121 ft., over NE.slope.
- 30.30 Spur,slopes N.  
Descend 58 ft., over NW.slope.
- 35.50 Draw, course N.  
Ascend 48 ft.,over NE.slope.
- 36.80 Spur,slopes N.  
Descend 47 ft.,over NW.slope.
- 38.50 Draw, course N.  
Ascend 47 ft.,over NE.slope,to

Survey of part(completion)of Subdivision lines of T.11 N.,R.4 W. 23

Chains.

39.96 Set an iron post, 3.ft.long, 1 in.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, 3 ft. base, 16 ins.high around post, for 1/4 sec.cor.of secs. 25 and 36, marked on brass cap,

1/4 S 25  
S 36  
1925

No bearing trees available.  
Ascend 193 ft.,over steep NE.slope.

48.40 Top of ascent on N.side of peak, the top of which brs.S. about 5 chs.dist.

Descend 428 ft., over NW.slope.

68.30 Creek, containing small stream of water, course N.10°E. in bottom of gulch.

Ascend 136 ft., over SE.slope,to

77.30 Draw, course S.80°E.

Ascend 38 ft.,over NE.slope,to

79.92 The cor.of secs.25,26, 35 and 36.

Land, mountainous.

Soil,rocky and sandy, 3rd and 4th rate.

Timber, none.

Undergrowth, scrub oak, mountain mahogany and laurel.

-----  
North, on random line,on W. bdy.of sec.25.

40.00 Set temp.1/4 sec.cor.of secs.25 and 26.

80.00 Set temp.cor. of secs. 23 and 26.

87.00 Fall 28 lks. W.of the cor.of secs.24 and 25,hereinafter described.

Thence,

S.0°11'W., on true line,on W. bdy.of sec.25.

Over rolling land, thru.dense undergrowth.

Ascend 27 ft., over NW.slope,to

7.00 Set an iron post, 3 ft.long, 2 ins.in diam.,27 ins. in the ground,for cor.of secs.23 and 26 only,marked on brass cap,

T11N,R4W  
S23  
-----  
S26 | S25  
1925

No bearing trees available.

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

Ascend 47 ft.,over NW.slope.

23.26 Enter mountainous land.

Ascend 102 ft.,over N.slope.

28.00 Spur,slopes NW.

Descend 66 ft.,over SW.slope.

32.30 Draw, course NW. near head.

Ascend 116 ft., over NW.slope.

42.30 Spur, slopes NE.

Descend 40 ft.,over SE+ slope,to

47.00 Set an iron post, 3 ft.long, 1 in. in diam.,27 ins. in the ground, for 1/4 sec.cor. of secs.25 and 26, marked on brass cap,

1/4  
S26 | S25  
1925

No bearing trees available. Raise a mound of stone,3 ft. base, 1 1/2 ft.high, W.of cor.

Descend 25 ft.,over SE.slope.

49.00 Draw, course NE.

Ascend 153 ft., over NW.slope.

## BOOK 3717

24 Survey of part (completion) of Subdivision lines of T.11 N., R.4 W.

Chains.	
63.80	Spur, slopes NE. Descend 87 ft., over SE. slope.
66.80	Draw, course E. near head. Ascend 157 ft., over NE. slope.
80.60	Spur, slopes E. Descend 110 ft., over SE. slope.
86.00	Draw, course SE. from W. Ascend 33 ft., over NE. slope, to
87.00	The cor. of secs. 25, 26, 35 and 36. Land, rolling and mountainous. Soil, sandy and gravelly, 3rd rate. Timber, none. Undergrowth, scrub oak, mountain mahogany and manzanita.
-----	
	From cor. of secs. 13, 14, 23 and 24, South, on random W. bdy. of sec. 24 for distance only.
40.00	Set temp. $\frac{1}{4}$ sec. cor. of sec. 24 only.
78.33	(Theoretically due West of cor. of secs. 19, 24, 25 and 30) Set temp. cor. of secs. 24 and 25 only.
	Thence, East, on random line, bet. secs. 24 and 25.
39.76	Set temp. $\frac{1}{4}$ sec. cor. of secs. 24 and 25.
79.50	Fall 2 lks. N. of the reestablished cor. of secs. 19, 24, 25 and 30 on E. bdy. of the Tp., hereinbefore described. The true course and dist. of line bet. secs. 24 and 25 are therefore West, 79.50 chs., and the true course and dist. of W. bdy. of sec. 24 are therefore, North 78.35 chs.
	From reestablished cor. of secs. 19, 24, 25 and 30 on E. bdy. of Tp., hereinbefore described, West, on true line, bet. secs. 24 and 25. Over mountainous land, thru. dense undergrowth.
34.60	Ascend 170 ft., over broken E. and NE. slopes. Point of spur, slopes NE.
39.75	Descend 30 ft., over NW. slope, to (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 24 and 25, marked on brass cap,
	$\frac{1}{4} \text{ S } 24$ $\text{S } 25$ $1925$
	No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor., Descend 105 ft., over NW. slope.
60.30	Wash, 30 lks. wide, course N. Ascend 142 ft., over NE. slope.
69.30	Point of spur, slopes N. Enter rolling land. Descend 77 ft., over NW. slope, to
79.50	Intersect N. and S line, at a point 2 lks. S. of the temp. cor. of secs. 24 and 25, set at 78.33 chs. due S. of the cor. of secs. 13, 14, 23 and 24, as hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bed rock, and raise a mound of stone 5 ft. base, 28 ins. high around post, for cor. of secs. 24 and 25 only, marked on brass cap,
	$\begin{array}{r l} \text{T11N} & \text{R4 W} \\ \text{S23} & \text{S24} \\ & \text{S25} \\ \hline & 1925 \end{array}$
	from which, An ash, 6 ins. in diam., brs. N. 34° E., 83 lks. dist., marked T11N R4W S24 BT. An ash, 6 ins. in diam., brs. S. 52 $\frac{1}{2}$ ° E., 15 lks. dist., marked T11N R4W S25 BT.

Survey of part (completion) of Subdivision lines of T.11 N. R.4 W. 25

Chains.

From this cor., the cor. of secs. 23 and 26, hereinbefore described, brs. S.0° 11' W., 7.00 chs. dist.  
 Land, mountainous and rolling.  
 Soil, sandy and gravelly, 2nd and 3rd rate.  
 Timber, scattering ash along wash only, none elsewhere.  
 Undergrowth, scrub oak, catclaw and mountain mahogany.

-----

North, on true line, on W. bdy. of sec. 24.  
 Over rolling land, thru. dense undergrowth.  
 Descend slightly over NW. slope.

2.20 Arastra Creek, containing a stream of water, 25 lks. wide, 6 ins. deep, course N.70° E.  
 Ascend 197 ft. over SE. slope.

3.80 Road brs. SW. to Kirkland and NE. to Whitehead's ranch.

22.10 Spur, slopes E. Enter mountainous land.  
 Descend 182 ft., over N. slope.

32.10 Draw, course E. Enter rolling land.  
 Ascend 6 ft., over gradual S. slope, to

33.00 (40.00 chs. in northing from cor. of secs. 23 and 26) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 23 only, marked on brass cap,

|  
 $\frac{1}{4}$ S 23  
 |  
 1925

No bearing trees available.  
 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Ascend 25 ft., over S. slope, to

38.35 (40.00 chs. S. from cor. of secs. 13, 14, 23 and 24) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 24 only, marked on brass cap,

|  
 $\frac{1}{4}$ S 24  
 |  
 1925

No bearing trees available.  
 Raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, E. of cor.  
 Ascend 13 ft., over gradual S. slope.

41.15 Low saddle in ridge, brs. E. and W.  
 Descend 191 ft., over N. and NW. slopes.

66.71 Bottom of Placerita Gulch, course NE. Enter mountainous land.  
 Ascend 86 ft., over SE. slope.

70.85 Point of spur, slopes E.  
 Descend 108 ft. over NE. slope.

73.15 Gulch, course E.  
 Ascend 106 ft., over SE. slope, to

78.35 (45.35 chs. N. from  $\frac{1}{4}$  sec. cor. of sec. 23) Intersect the reconstructed cor. of secs. 13, 14, 23 and 24, hereinbefore described.

Land, rolling and mountainous.  
 Soil, sandy and gravelly, 2nd and 3rd rate.  
 Timber, none.  
 Undergrowth, scrub oak, manzanita and catclaw.

-----

From the cor. of secs. 34 and 35, on the S. bdy. of the Tp., hereinbefore described,  
 N.0° 1' W., bet. secs. 34 and 35.  
 Over mountainous land, thru. dense undergrowth.  
 Descend 20 ft., over N. slope.

3.45 Head of wash, course NE.  
 Ascend 72 ft., over SE. slope.

12.70 Top of ascent on E. side of peak, the top of which brs.

## BOOK 3717

26 Survey of part (completion) of Subdivision lines of T.11 N. R.4 W.

Chains.

W. about 2 chs. dist.  
 Descend 225 ft., over NE. slope, to  
 20.10 Draw, course NE. near head.  
 Descend 20 ft., along E. slope, to  
 26.20 Spur, slopes NE.  
 Descend 375 ft., over NW. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. of secs. 34 and 35, marked on  
 brass cap,

$$\begin{array}{c} \frac{1}{4} \\ \hline S34 | S35 \end{array}$$

1925

No bearing trees available. Raise a mound of stone, 3 ft.  
 base, 2 ft. high, W. of cor.  
 Descend 10 ft. over NW. slope.  
 40.50 Draw, course NE.  
 Ascend 97 ft., over SE. slope.  
 47.60 Spur, slopes NE.  
 Descend 463 ft., over NW. slope.  
 64.80 Arastra Creek (dry) course N.10°E.  
 Ascend 114 ft., over SE. slope, to  
 80.00 Set an iron post, 3 ft. long, 2 ins. 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, 4 ft.  
 base, 22 ins. high around post, for cor. of secs. 26, 27,  
 34 and 35, marked on brass cap,

$$\begin{array}{c} T11N R4 W \\ \hline S27 | S26 \end{array}$$

$$\begin{array}{c} S34 | S35 \end{array}$$

1925

No bearing trees available.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, none.  
 Undergrowth, scrub oak, mountain mahogany and laurel.

East, on random line, bet. secs. 26 and 35.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.74 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 25, 26,  
 35 and 36.  
 Thence,  
 N.89°59'W., on true line, bet. secs. 26 and 35.  
 Over mountainous land, thru. dense undergrowth.  
 Ascend 687 ft., over NE. slope.  
 25.00 Ridge, brs. N. and S.  
 Descend 326 ft., over W. slope, to  
 39.87 Set an iron post, 3 ft. long, 1 in. 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,  
 3 ft. base, 1 $\frac{1}{2}$  ft. high around post, for  $\frac{1}{4}$  sec. cor. of  
 secs. 26 and 35, marked on brass cap,

$$\begin{array}{c} \frac{1}{4} S 26 \\ \hline S 35 \end{array}$$

1925

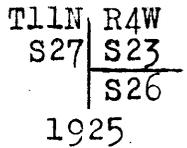
No bearing trees available.  
 Descend 268 ft., over W. slope.  
 52.20 Bottom of gulch, course N.20°W.  
 Ascend 256 ft., over NE. slope.  
 59.50 Spur, slopes N.  
 Descend 317 ft. over NW. slope to Arastra Creek.  
 69.60 Small spring in draw, course NW.  
 72.90 Arastra Creek, containing a stream of water, 10 lks. wide, 8  
 ins. deep, course N.15°E.  
 Ascend 149 ft., over E. slope, to

Survey of part (completion) of Subdivision lines of T.11 N., R.4 W. 27

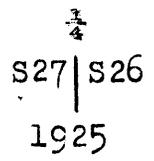
Chains.

79.74 The cor. of secs. 26, 27, 34 and 35.  
 Land, mountainous.  
 Soil, sandy and rocky, 3rd and 4th rate.  
 Timber, none.  
 Undergrowth, scrub oak, mountain mahogany and laurel.

-----  
 North, on random line, on E. bdy. of sec. 27.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor. of secs. 26 and 27.  
 80.00 Set temp. cor. of secs. 23 and 26, only.  
 81.94 Fall 48 lks. W. of the cor. of secs. 22 and 27 only, hereinafter described.  
 Thence,  
 S. 0° 20' W., on true line, on E. bdy. of sec. 27.  
 Over rolling land, thru. dense undergrowth.  
 Descend 15 ft., over SE. slope, to  
 1.94 (80.00 chs. in northing from cor. of secs. 26, 27, 34 and 35)  
 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 23 and 26 only, marked on brass cap,



No bearing trees available.  
 Raise mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, E. of cor.  
 Descend 50 ft., over SE. slope.  
 6.63 Draw, course E. from NW.  
 Ascend 78 ft. over NE. slope.  
 13.34 Spur, slopes SE.  
 Descend 70 ft., over S. slope.  
 23.04 Road brs. NE. to Whitehead ranch and W. to Kirkland.  
 30.34 Draw, course E.  
 Ascend 71 ft., over NE. slope.  
 39.94 Spur, slopes SE.  
 Descend 10 ft., over S. slope, to  
 41.94 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of secs. 26 and 27, marked on brass cap,



No bearing trees available.  
 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 Descend 52 ft. over S. slope.  
 43.84 Draw, course E. Enter mountainous land.  
 Ascend 193 ft., over NE. slope, to  
 65.35 Descend 45 ft., over E. slope, to  
 81.94 The cor. of secs. 26, 27, 34 and 35.  
 Land, rolling and mountainous.  
 Soil, gravelly and sandy, 3rd rate.  
 Timber, none.  
 Undergrowth, manzanita and scrub oak.

-----  
 From the cor. of secs. 23 and 26 (on E. bdy. of sec. 27),  
 S. 89° 59' E., on random line, bet. secs. 23 and 26.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.60 Fall 5 lks. S. of the cor. of secs. 23 and 26 (on W. bdy. of sec. 25) hereinbefore described,  
 Thence,  
 S. 89° 59' W., on true line, bet. secs. 23 and 26.  
 Over rolling land, thru. dense undergrowth.  
 Descend gradually over NW. slope.  
 21.80 Arastra Creek, containing pools of water, course N. 70° E.

## BOOK 3717

## 28 Survey of part (completion) of Subdivision lines of T.11 N., R.4W.

- Chains.
- Ascend 55 ft., over SE. slope to  $\frac{1}{4}$  sec. cor.  
 36.60 Road, brs. NE. and SW.  
 39.80 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of secs. 23 and 26, marked on brass cap,
- $\frac{1}{4}$  S 23  
 S 26  
 1925
- No bearing trees available.  
 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
 Ascend 147 ft., over S. and SE. slopes to sec. cor.
- 43.61 "Cross Cut" mine, unpatented, brs. S. 47° E., about 5.00 chs. dist.
- 62.82 Corner No. 4 of the "Manzaneta" patented lode mining claim of Mineral Survey No. 2040, brs. N. 28° E., 1.60 chs. dist.
- 79.60 Intersect the cor. of secs. 23 and 26 (on E. bdy. of sec. 27), hereinbefore described.  
 Land, rolling.  
 Soil, gravelly, with some clay, 2nd and 3rd rate.  
 Timber, none.  
 Undergrowth, manzanita, scrub oak and mountain mahogany.
- 
- From cor. of secs. 14, 15, 22 and 23, hereinbefore described, South, on random line, on E. bdy. of sec. 22 for distance only.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor. of sec. 22 only.  
 82.19 Intersect E. and W. line at a point 7 lks. E. of the temp. cor. of secs. 22 and 27, set at 79.73 chs. due East of the cor. of secs. 21, 22, 27 and 28.  
 At point of intersection, 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) at base of post, and raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 16 ins. high around post, for reestablished cor. of secs. 22 and 27 only, marked on brass cap,
- T11N R4 W  
 S22 | S23  
 S27 |  
 1925
- No bearing trees available.  
 From this cor., the cor. of secs. 23 and 26, brs. S. 0° 20' W., 1.94 chs. dist.; therefore, the length of W. bdy. of sec. 23 is 84.13 chs.  
 From the reestablished cor. of secs. 22 and 27, described above,  
 North, on true line, on E. bdy. of sec. 22.  
 Over rolling land, thru. dense undergrowth.  
 Ascend 115 ft., over SE. slope.
- 8.32 From this point, U.S.M.M. No. 2 brs. N. 57° 54' W., 3.72 chs. dist.
- 14.95 Ridge, brs. E. and W. Enter mountainous land.  
 Descend 132 ft., over N. slope, to
- 24.42 Enter gently rolling land.  
 Descend gradually over N. slope.
- 32.15 Wash, 20 lks. wide, course E.  
 Descend slightly over E. slope.
- 36.20 Wash, 25 lks. wide, course E.  
 Ascend gradually over S. slope, to
- 38.06 (40.00 chs. in northing from cor. of secs. 23 and 26) Set an iron post, 3 ft. long, 1 in. 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 3 ft. base, 16 ins. high around post, for  $\frac{1}{4}$  sec. cor. of sec. 23 only, marked on brass cap,

Survey of part (completion) of Subdivision lines of T.11 N., R.4 E. 29

Chains.

1/4 S 23

1925

No bearing trees available.  
 Ascend slightly over S. slope, to  
 Thence over nearly level land.  
 39.20  
 42.19 (40.00 chs. S. from cor. of secs. 14, 15, 22 and 23) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor. of sec. 22 only, marked on brass cap,

1/4 S 22

1925

No bearing trees available.  
 Raise a mound of stone, 2 ft. base, 12 ft. high, W. of cor.  
 Continue over nearly level land.  
 45.10 Enter gently rolling land.  
 Ascend 25 ft., over S. slope.  
 50.00 Low spur, slopes E.  
 Descend 15 ft., over NE. slope.  
 55.30 Draw, course SE. Enter mountainous land.  
 Ascend 180 ft., over SE. slope.  
 69.82 Ridge, brs. NE. and SW. Enter rolling land.  
 Descend 109 ft., over NW. slope, to  
 82.19 Intersect the reconstructed cor. of secs. 14, 15, 22 and 23, hereinbefore described.  
 Land, rolling, mountainous and nearly level.  
 Soil, red sand and gravelly.  
 Timber, none.  
 Undergrowth, manzanita, cacti, scrub oak, mescal and catclaw.

-----  
 From the cor. of secs. 33 and 34, on the S. bdy. of the Tp., hereinbefore described,

N. 0° 2' W., bet. secs. 33 and 34.  
 Over mountainous land, thru dense undergrowth.

Ascend 19 ft., over SE. slope.  
 2.00 Point of spur, slopes E.  
 Descend 111 ft., over NE. slope.  
 17.20 Gulch, course E.  
 Ascend 501 ft., over SE. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. 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 4 ft. base, 22 ins. high, around post, for 1/4 sec. cor. of secs. 33 and 34, marked on brass cap,

1/4  
 S 33 | S 34

1925

No bearing trees available.  
 Ascend 10 ft., over SE. slope.  
 41.40 Ridge, brs. NE. and SW.  
 Descend 730 ft., over NW. and N. slopes.  
 69.50 Gulch, course NW.  
 Ascend 130 ft., over SW. slope, to  
 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) at base of post, and raise a mound of stone 3 ft. base, 16 ins. high around post, for cor. of secs. 27, 28, 33 and 34, marked on brass cap,

T11N R4 W  
 S 28 | S 27  
 S 33 | S 34

1925

BOOK 3717

30 Survey of part(completion) of Subdivision lines of T.11 N. R.4 W.

Chains.

No bearing trees available.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, none.  
 Undergrowth, scrub pine, juniper and oak, mountain mahogany and laurel.

40.00 East, on random line, bet. secs. 27 and 34.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.74 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 26, 27, 34 and 35.  
 Thence,  
 N.  $89^{\circ}59'$  W., on true line, bet. secs. 27 and 34.  
 Over mountainous land, thru. dense undergrowth.  
 Ascend 817 ft., over SE. slope.  
 36.60 Ridge, brs. NE. and SW.  
 Descend 81 ft., over NW. slope, to  
 39.87 Set an iron post, 3 ft. long, 1 in. in 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 4 ft. base, 21 ins. high around post, for  $\frac{1}{4}$  sec. cor. of secs. 27 and 34, marked on brass cap.

$\frac{1}{4}$  S 27  
 S 34  
 1925

No bearing trees available.  
 49.70 Descend 191 ft., over NW. slope.  
 Gulch, course N. near head.  
 57.00 Ascend 112 ft., over NE. slope.  
 Spur, slopes N.  $20^{\circ}$  W.  
 64.30 Descend 241 ft., over W. slope.  
 Gulch, course NW.  
 75.10 Ascend 136 ft., over NE. slope.  
 Spur, slopes NW.  
 79.74 Descend 113 ft., over SW. slope, to  
 Intersect the cor. of secs. 27, 28, 33 and 34.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, none.  
 Undergrowth, scrub oak and laurel.

40.00 N.  $0^{\circ}20'$  E., on random line, bet. secs. 27 and 28.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 82.01 Fall 2 lks. W. of the reestablished cor. of secs. 21, 22, 27 and 28, hereinbefore described.  
 Thence,  
 S.  $0^{\circ}21'$  W., on true line, bet. secs. 27 and 28.  
 Over rolling land, thru. dense undergrowth.  
 Descend 57 ft., over SW. slope.  
 4.80 Wash, 25 lks. wide, course SE.  
 Ascend 37 ft., over NE. slope.  
 8.35 Descend 50 ft., over SE. slope.  
 18.00 Wash, 25 lks. wide, course SW.  
 Ascend 73 ft., over NW. slope.  
 25.67 Spur, slopes W.  
 Descend 20 ft., over SW. slope, to  
 31.60 Enter nearly level land.  
 40.00 Enter mountainous land.  
 Ascend 18 ft., over NW. slope, to  
 42.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of secs. 27 and 28, marked on brass cap.

$\frac{1}{4}$   
 S 28 | S 27  
 1925

## Survey of part(completion)of Subdivision lines of T.11 N. R.4 W. 31

Chains.

- No bearing trees available.  
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Ascend 170 ft. over NW. and W. slope, to
- 55.75 Wash, 25 lks. wide, course NW.  
Ascend 504 ft., over NE. slope.
- 78.55 Ridge, brs. NW. and SE.  
Descend 39 ft., over SW. slope, to
- 82.01 Intersect the cor. of secs. 27, 28, 33 and 34.  
Land, rolling and mountainous.  
Soil, sandy and rocky, 3rd rate.  
Timber, none.  
Undergrowth, mescal, scrub oak, cacti and catclaw.
- 
- From the reestablished cor. of secs. 21, 22, 27 and 28,  
East, on random line, bet. secs. 22 and 27, for distance  
only.
- 40.00 Set temp,  $\frac{1}{4}$  sec. cor.
- 79.73 (Theoretically due South of cor. of secs. 14, 15, 22 and 27)  
Set temp. cor. of secs. 22 and 27.
- 79.80 Intersect the random E. bdy. of sec. 22, surveyed due South.  
At point of intersection, establish the cor. of secs. 22  
and 27 only, as hereinbefore described.  
Thence,  
West, on true line, bet. secs. 22 and 27.  
Over rolling land, thru. dense undergrowth  
Ascend 20 ft., over SE. slope, to
- 12.80 Wash, 25 lks. wide, course SE. Enter mountainous land.  
Ascend 200 ft., over SE. slope.
- 24.10 Road, brs. NW. to Kirkland and SE. to Placerita.
- 32.50 Ridge, brs. NE. and SW.  
Descend 110 ft., over NW. slope, to
- 39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. of secs. 22 and 27, marked on  
brass cap,
- $\frac{1}{4}$  S 22  
S 27  
1925
- No bearing trees available.  
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Descend 210 ft., over NW. slope.
- 57.70 Wash, 25 lks. wide, course NW.  
Ascend 10 ft., over NE. slope.
- 59.80 Point of spur, slopes NW.  
Descend 30 ft., over W. slope.
- 66.50 Same wash, 25 lks. wide, course SW. Enter rolling land.  
Ascend 80 ft., over SE. slope.
- 77.50 Spur, slopes S.  
Descend 30 ft., over SW. slope, to
- 79.80 Intersect the reestablished cor. of secs. 21, 22, 27 and 28,  
hereinbefore described.  
Land, rolling and mountainous.  
Soil, sandy and gravelly, 3rd rate.  
Timber, none.  
Undergrowth, scrub oak, catclaw and mescal.
- 
- From the cor. of secs. 32 and 33 on the S. bdy. of the Tp.,  
hereinbefore described,  
N.  $0^{\circ}2'$  W., bet. secs. 32 and 33  
Over mountainous land, thru. dense undergrowth.  
Descend 349 ft., over NE. slope.
- 15.25 Wash, 25 lks. wide, in gulch, course W.  
Ascend 334 ft., over S. slope.
- 30.28 Spur, slopes W.  
Descend 125 ft., over N. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the  
ground to bed rock, deposit a stone marked with a cross

## BOOK 3717

32 Survey of part (completion) of Subdivision lines of T.11 N.R.4 W.

Chains.	(x) at base of post, and raise a mound of stone, 4 ft. base; 26 ins. high around post, for $\frac{1}{4}$ sec. cor. of secs. 32 and 33, marked on brass cap,
	$\frac{1}{4}$ S32   S33 1925
51.90	No bearing trees available. Descend 319 ft., over N. slope. Wash, 25 lks. wide, in gulch, course W.
67.39	Ascend 87 ft., over SW. slope. Ridge, brs. NW. and SE.
80.26	Descend 99 ft., over NE. slope, to Intersect the S. bdy. of sec. 29, at a point 85 lks. W. of the cor. of secs. 28 and 29, hereinafter described. At point of intersection, set an iron post, 3 ft. long, 2 in. ins. in diam., 15 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, 4 ft. base, 21 ins. high, around post, for closing cor. of secs. 32 and 33, marked on brass cap,
	T11N R4W S29 S32   S33 C C 1925
	No bearing trees available. Land, mountainous. Soil, sandy and rocky, 3rd rate. Timber, none. Undergrowth, mescal, cacti, scrub oak and catclaw.
	-----
39.15	From the cor. of secs. 28 and 29 (85 lks. E. of C.C. of secs. 32 and 33), East, on random line, on S. bdy. of sec. 28.
79.41	Set temp. $\frac{1}{4}$ sec. cor. of secs. 28 and 33. Intersect N. and S. line 4 lks. N. of cor. of secs. 27, 28, 33 and 34. The length of N. bdy. of sec. 33 is therefore, 79.41 chs. + 0.85 chs. = 80.26 chs. Thence, N. 89° 58' W., on true line, on S. bdy. of sec. 28. Over mountainous land, thru. dense undergrowth. Descend 260 ft., over SW. slope.
9.60	Gulch, course NW.
16.40	Ascend 69 ft., over NE. slope. Spur, slopes N.
23.50	Descend 130 ft., over NW. slope. Bottom of gulch, containing water in pools, course N.
32.00	Ascend 248 ft., over NE. slope. Point of spur, slopes N.
40.13	Descend 129 ft., over NW. slope, to (Midpoint of N. bdy. of sec. 33) Set an iron post, 3 ft. long, 1 in. in diam., 15 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 4 ft. base, 20 ins. high, around post, for $\frac{1}{4}$ sec. cor. of secs. 28 and 33, marked on brass cap,
	$\frac{1}{4}$ S 28 S 33 1925
47.40	No bearing trees available. Descend 15 ft., along N. slope, to Spur, slopes NW.

## Survey of part (completion) of Subdivision lines of T.11 N., R.4 W. 33

Chains.	Descend 195 ft., over SW. slope. Gulch, course NW. Ascend 184 ft., over NE. slope, to The cor. of secs. 28 and 29, hereinbefore described.
63.50	
79.41	
	Land, mountainous. Soil, rocky and gravelly, 3rd and 4th rate. Timber, none. Undergrowth, scrub oak and juniper, mountain mahogany and buck brush.
	-----
	From the cor. of secs. 20, 21, 28 and 29, hereinbefore described, South, on random line, bet. secs. 28 and 29, for distance only.
40.00	Set temp. $\frac{1}{4}$ sec. cor. of sec. 29 only.
44.26	Set temp. $\frac{1}{4}$ sec. cor. of sec. 28.
84.09	Intersect the random S. bdy. of sec. 29, at a point 31 lks. W. of the temp. cor. of secs. 28 and 29 set at 78.91 chs. E. from cor. of secs. 29, 30, 31 and 32. At point of intersection, Set an iron post, 3 ft. long, 2 ins. 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, 3 ft. base, 22 ins. high, around post, for cor. of secs. 28 and 29, only, marked on brass cap.
	T11N   R4 W S29   S28
	S33 1925
	No bearing trees available. Thence, North, on true line, bet. secs. 28 and 29. Over mountainous land, thru. dense undergrowth. Descend 210 ft., over NE. slope.
11.00	Wash, 15 lks. wide, in gulch, course W.
	Ascend 120 ft., over S. slope.
24.59	Spur, slopes W.
	Descend 190 ft., over N. slope.
33.69	Gulch, course W.
	Ascend 113 ft., over S. slope.
39.09	Ridge, brs. E. and W. Enter rolling land.
	Descend slightly over NW. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 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 4 ft. base, 30 ins. high around post, for $\frac{1}{4}$ sec. cor. of sec. 28 only, marked on brass cap.
	$\frac{1}{4}$ S 28
	1925
	No bearing trees available. Descend 30 ft., over NW. slope, to (40.00 chs. S. from cor. of secs. 20, 21, 28 and 29) Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 29 only, marked on brass cap.
44.09	
	$\frac{1}{4}$ S 29
	1925
	No bearing trees available. Raise mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Descend 175 ft., over NW. slope.
65.09	Wash, 25 lks. wide, course NW. from E. Ascend. 30 ft. over W. slope, to

## BOOK 3717

34 Survey of part (completion) of Subdivision lines of T.11 N.R.4 E.

Chains.	
80.29	Wash, 20 lks. wide, course NW. from E.
84.09	Ascend 20 ft., over SW. slope, to Intersect the reestablished cor. of secs. 20, 21, 28 and 29 hereinbefore described. Land, mountainous and rolling. Soil, sandy and rocky, 3rd rate. Timber, none. Undergrowth, cacti, scrub oak, mescal and catclaw.
-----	
	From cor. of secs. 29, 30, 31 and 32, hereinbefore described, East, on random line on S. bdy. of sec. 29 for distance only.
37.94	Set temp. $\frac{1}{4}$ sec. cor. of sec. 32 only.
40.00	Set temp. $\frac{1}{4}$ sec. cor. of sec. 29 only.
77.75	Intersect subdivision line, bet. secs. 32 and 33. Continue line and measurement, and at 78.91 chs. set temp. cor. of secs. 28 and 29. Survey of random line, bet. secs. 28 and 29 due south, as hereinbefore described, intersects the random S. bdy. of sec. 29 at a point 31 lks. W. of the temp. cor. of secs. 28 and 29; therefore, at
78.60	Intersect the subdivision lines, bet. secs. 28 and 29. Cor. of secs. 28 and 29 established at this point, as here- inbefore described. Thence, West, on true line, on S. bdy. of sec. 29. Over mountainous land, thru dense undergrowth. Ascend 17 ft., over NE. slope, to
0.85	Intersect subdivision line, bet. secs. 32 and 33, surveyed N. 0° 2' W. Closing cor. of said secs. established at this point, as hereinbefore described. Continue line and measurement. Ascend 160 ft., over NE. slope.
14.40	Ridge, brs. NW. and SE.
38.60	Descend 260 ft., over SW. slope, to (40.00 chs. E. from cor. of secs. 29, 30, 31 and 32) Set an iron post, 3 ft. long, 1 in. in 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 3 ft. base, 20 ins. high around post, for $\frac{1}{4}$ sec. cor. of sec. 29 only, marked on brass cap, $\frac{1}{4}$ S 29 1925
	No bearing trees available.
40.10	Descend 26 ft., over SW. slope, to Gulch, course NW.
40.85	Ascend slightly over NE. slope, to (40.00 chs. W. from C.C. of secs. 32 and 33) Set an iron post, 3 ft. long, 1 in. 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, 4 ft. base, 20 ins. high around post, for $\frac{1}{4}$ sec. cor. of sec. 32 only, marked on brass cap, $\frac{1}{4}$ S 32 1925
	No bearing trees available.
57.20	Ascend 140 ft., over NE. slope, to Rim of bench, brs. NW. and SE. Thence over nearly level land, on bench.
68.70	Rim of bench, brs. NW. and SE. Leave nearly level, and enter mountainous land. Descend 290 ft., over steep SW. slope.
78.40	Wash, 25 lks. wide, in bottom of gulch, course NW.
78.60	Ascend slightly over NE. slope, to Intersect the reconstructed cor. of secs. 29, 30, 31 and 32,

## Survey of part(completion) of Subdivision lines of T.11 N., R.4 W. 35

Chains.

hereinbefore described.  
 Land, mountainous and nearly level.  
 Soil, rocky, 3rd rate.  
 Timber, none.  
 Undergrowth, mescal, scrub oak and juniper and catclaw.

The continued satisfactory adjustment of the instruments throughout the execution of the resurveys and surveys described in the foregoing field notes is indicated from field tests described in Book "I" of this group.

GENERAL DESCRIPTION.

**SURFACE:** Mountainous and rolling. Approximate elevation ranges from 4,000 to 5,500 ft. above sea level.

**SOIL:** Soil, gravelly and rocky, 2nd to 4th rate.

**UNDERGROWTH:** Scrub oak, manzanita, mountain mahogany, catclaw, palo verde, greasewood, cacti, juniper, mescal, and laurel.

**TIMBER:** Very scattering scrub pine and juniper.

**EVIDENCE OF MINERAL:** This vicinity experienced a mining boom about 20 years ago, considerable work being done. However, these mines have not been operated to any extent for years, but the property is still held by the various companies.

**WATERING PLACES:** Arastra Creek furnishes the main water supply, although there is considerable water in a number of the gulches in this part of the township, and a few springs are located in various sections.

**SETTLEMENT:** The only inhabitants of the township at time of survey were three mine watchmen living in small cabins along Arastra Creek.

**INDUSTRY:** This township is especially adapted to mining and the raising of goats. The mountains are covered with scrub oak, and different kinds of browse, which make goat raising very profitable.

4-680

FIELD ASSISTANTS TO

Glenn F. Sawyer, U.S. Surveyor, and Wesson Cook, U.S. Transitman,

NAMES.	CAPACITY.
Howard Beard	First chainman
Arthur H. Huckins	First chainman
Vere W. Heard	Second chainman
Girard Murray	Second chainman
D. E. Morris	Flagman
Henry Kimball	Flagman
R.L. Shackelford	Cornerman
Ivan Dial	Cornerman
Roy J. Marshall	Cornerman
Ed Watson	Axeman
Ray Bell	Axeman

CERTIFICATE OF UNITED STATES SURVEYOR. AND UNITED STATES TRANSITMAN.

We, Glenn F. Sawyer, U.S. Surveyor, and

Wesson Cook, U.S. Transitman, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General, for Group 129, Arizona,

bearing date of the 10th day of April, 1924, we have well, faithfully, and truly

in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Instruc-

tions, and the laws of the United States, resurveyed all those parts or portions of the

East boundary and Subdivision lines;

and surveyed all those parts or portions of the

South and East Boundaries, and Subdivision lines of

TOWNSHIP 11 NORTH, RANGE 4 WEST,

of the Gila and Salt

River Base and Meridian, in the State of Arizona,

which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by us, and under our direction; and that all the corners of said resurvey

and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the U. S. Surveyor General, for Group 129, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of

such resurvey and survey.

Glenn F. Sawyer

Wesson Cook

Wesson Cook

U. S. Transitman

Phoenix, Ariz.

Oct. 23, 1925

Glenn F. Sawyer

U. S. Surveyor.

APPROVAL.

San Francisco, Calif.

Sept. 14, 1925

OFFICE OF THE U.S. Supervisor of Surveys,

Denver, Colo. June 23 1926.

The foregoing field notes of the resurvey of

Part of the East boundary, and

Part of the Subdivision lines; and of the survey of

Part (completion) of the South boundary; part (completion) of the

East boundary, and part (completion) of the Subdivision lines of

TOWNSHIP 11 NORTH, RANGE 4 WEST,

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

executed by Glenn F. Sawyer, U.S. Surveyor, and Wesson Cook, U.S. Transitman,

under his special instructions dated April 10, 1924, for Group 129, Arizona, , having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and surveys they describe, are hereby approved.

U.S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described resurveys and surveys

in has been correctly copied from the original notes on file in this office.