

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 4258

FIELD NOTES

OF RESURVEY OF

WEST BOUNDARY

AND OF SURVEY OF

NORTH BOUNDARY

and

SUBDIVISIONAL LINES of

TOWNSHIP 38 NORTH, RANGE 9 WEST

Of the Gila and Salt River Meridian,

In the State of ARIZONA

EXECUTED BY

Horace M. Muscott, Surveyor

Claude F. Warner, Transitman

and Frank Moteh, Public Land Surveyor

*supplemental*  
Under special instructions dated April 30, 1936, which provided  
for the surveys included under Group No. 210 Arizona, bearing the approval of the  
Commissioner of the General Land Office under date of July 24 1936  
and assignment instructions dated April 11, 1939

Resurvey and Survey commenced June 2, 1939

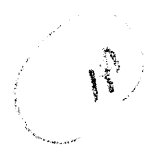
Resurvey and Survey completed July 22, 1939

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## T.37N-R.9W

-  Lines of accepted surveys (surveyed 1932 & 1934; accepted 1935).
-  Lines resurveyed under this group in 1939.
-  Lines surveyed under this group in 1939.
-  Areas surveyed (1932 & 1934) as per accepted (1935) plats on file.
-  Lines surveyed under this group in 1937 (accepted in 1939)
-  Lines surveyed under this group in 1937 (acceptance pending)
-  Areas surveyed (1937) under this group, as per accepted (1939) plat on file.

The resurvey and surveys herein described were executed by Horace M. Muscott, Surveyor, Claude F. Warner, Transitman, and Frank Moteh, Public Land Surveyor, using, respectively, Buff and Buff transits Nos. 16723 and 9984, and Young and Sons' transit No. 8526. Each of said instruments is equipped with an improved Smith solar attachment and otherwise conforms to the standard specifications of the General Land Office.

The azimuths of all of the lines of survey herein described were determined with the solar attachments.

All measurements were made with Lufkin and Dietzgen steel tapes, 5 chs. in length, graduated every link for the first 100 lks. and the remainder at intervals of 10 lks. The tapes were tested by comparison with a Lufkin standard tape and found to be correct. All of the measurements were made on the slope, the vertical angle of each interval determined with a clinometer in good adjustment, and the horizontal equivalents entered in the field notes.

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 PRELIMINARY FIELD TESTS OF INSTRUMENTS.  
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Buff and Buff transit No. 16723,  
 Horace M. Muscott, Surveyor,

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 May 31, 1939; at station in camp at the cor. of Ts. 39 and 40 N., Rs. 8 and 9 W., G. & S. R. Meridian, Arizona, latitude  $36^{\circ}48'55''$  N., longitude  $113^{\circ}12'09''$  W.; examine the adjustments of Buff and Buff transit No. 16723 and find no errors, then, to test the solar apparatus of same by comparing its indications with a true meridian determined by Polaris observation, proceed as follows:

June 1, 1939; at same station, at 3h. 9m., a.m., l.m.t., observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a nail in a stake driven firmly in the ground about 10 chs. N.

Azimuth of Polaris at eastern elongation =  $1^{\circ}17'03''$

At 7h. 00m., a.m., lay off the azimuth of Polaris  $1^{\circ}17'$  to the west, and mark a point in the true meridian thus determined by a nail in a stake driven firmly in the ground about 10 chs. N.

At 8h. 00m., a.m., app.t., set off  $36^{\circ}49'N.$  on the lat. arc;  $22^{\circ}00'N.$  on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian and obtain a reading of  $22^{\circ}01'N.$  on the decl. arc, which agrees with computed decl. of the sun.

At 4h. 00m., p.m., app.t., with the lat. arc unchanged, set off  $22^{\circ}02'N.$  on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, at the beginning of surveys with same which are described herein.

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 June 10, 1939; at station in camp near the cor. of secs. 3, 4, 33 and 34, Ts. 38 and 39 N., R. 9 W., latitude  $36^{\circ}43\frac{1}{2}'$  N., longitude  $113^{\circ}15\frac{1}{2}'$  W.; examine the adjustments of Buff and Buff transit No. 16723 and find no errors, then, to test the solar apparatus of same by comparing its

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indications with a true meridian determined by Polaris observations, proceed as follows;

June 11, 1939; at same station, at 2h. 31m., a.m., l.m.t., observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a nail in a stake driven firmly in the ground about 10 chs. N.

Azimuth of Polaris at eastern elongation =  $1^{\circ}16'57''$

At 7h. 00m., a.m., lay off the azimuth of Polaris  $1^{\circ}17'$  to the west, and mark a point in the true meridian thus determined by a nail in a stake driven firmly in the ground about 10 chs. N.

At 8h. 00m., a.m., app.t., set off  $36^{\circ}43\frac{1}{2}'N.$  on the lat. arc;  $23^{\circ}04'N.$  on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $23^{\circ}04'N.$  on the decl. arc, which agrees closely with computed decl. of the sun.

At 4h. 00m., p.m., app.t., with the lat. arc unchanged; set off  $23^{\circ}05\frac{1}{2}'N.$  on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian conclude that this instrument is in satisfactory adjustment on this date.

Buff and Buff transit No. 9984.  
Claude F. Warner, Transitman.

July 16, 1939; at station in camp near center of sec. 16, T. 36 N., R. 9 W., latitude  $36^{\circ}31\frac{1}{2}'N.$ ; longitude  $113^{\circ}16'W.$ ; examine the adjustments of Buff and Buff transit No. 9984 and find no errors, then, to test the solar apparatus of same by comparing its indications with a true meridian determined at this station on July 11, 1939, by Polaris observation as described in field notes of survey of T. 37 N., R. 9 W., proceed as follows:

At 9h. 00m., a.m., app.t.; set off  $36^{\circ}31\frac{1}{2}'N.$  on the lat arc;  $21^{\circ}27'N.$  on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $21^{\circ}25\frac{1}{2}'N.$  on the decl. arc, which agrees with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off  $21^{\circ}24\frac{1}{2}'N.$  on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, just prior to beginning surveys with same which are described herein.

Young and Sons' transit No. 8526.  
Frank Moteh, Public Land Surveyor.

July 9, 1939; at station in camp near the cor. of secs. 3, 4, 33 and 34, Ts. 38 and 39 N., R. 9 W., latitude  $36^{\circ}43\frac{1}{2}'$  N., longitude  $113^{\circ}15\frac{1}{2}'$  W.; examine the adjustments of Young and Sons' transit No. 8526 and find no errors, then, to test the solar apparatus of same by comparing its indications with the true meridian determined at this station by Polaris observations on June 11, 1939, as hereinbefore described, proceed as follows:

At 9h. 00m., a.m., app.t., set off  $36^{\circ}43\frac{1}{2}'$  N. on the lat. arc;  $22^{\circ}26'$  N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $22^{\circ}24\frac{1}{2}'$  N. on the decl. arc, which agrees with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off  $22^{\circ}23\frac{1}{2}'$  N. on the decl. arc and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian conclude that this instrument is in satisfactory adjustment on this date, just prior to beginning surveys with same which are described herein.

Resurvey: West Boundary: T.38 N., R.9 W.

Chains

The West bdy. of T.38 N., R.9 W. was surveyed in 1934 by J.L.Warboys, Cadastral Engineer, establishing common reference corners thereon at 40 ch. intervals counting from the cor. of Ts.37 and 38 N., Rs.9 and 10 W., and at 480 chs. N. therefrom established the cor. of Ts.38 and 39 N., Rs.9 and 10 W.

No retracement or resurvey of any part of this Tp. bdy. is of record.

The survey of the North bdy. of T.37 N., R.9 W., and the North bdy. and subdivisional lines of T.38 N., R.9 W., executed under this group, established closing cors. on the range line bet. Rs.9 and 10 W., thus changing the reference of all of the existing corners on the range line in T.38 N., including the two terminal township cors., to areas west of said line only.

The following notes describe a resurvey of the West bdy. of T.38 N., R.9 W., accomplished by the establishment of 1/4 sec. cors. thereon at midpoints of the west bdrs. of the west range of secs. of said Tp., except the W. bdy. of sec. 6, where the 1/4 sec. cor. is established at 40 chs. N. from the closing cor. of secs. 6 and 7. This set of 1/4 sec. cors. refers to areas E. of line only. The following notes also describe the physical changes made to the existing corner monuments on the line so that they will be properly marked and witnessed for reference to areas W. of line only.

The closing cor. of Ts.37 and 38 N., R.9 W., established under this group, is described in field notes of survey of N. bdy. of T.37 N., R.9 W.

Thence

North, on W. bdy. of sec. 31.

Over rolling land, thru scattering undergrowth.  
Desc. 10 ft. over N. slope to

3.82 Intersect the cor. of Ts.37 and 38 N., Rs.9 and 10 W., established in 1932, which is an iron post, 3 ins. in diam., projecting 16 ins. above ground, firmly set in ground and small mound of stone, and properly marked on brass cap. No accessories.  
Alter this cor. monument to refer to Ts.37 and 38 N., R.10 W. only, by changing marking on brass cap to read:

T38N		T38N
R10W		R9W
S36		S31
S1		
T37N		
		1939
		1932

Desc. 20 ft. over N. slope

10.80 Drain, course N.70°E., turning to N.20°E. at about 3 chs. NE. from this point. Desc. 50 ft. over E. and NE. slopes.

23.00 Draw, course N.70°E.; asc. 15 ft. over SE. slope.

25.80 Desc. 50 ft. over N. slope.

38.80 Draw, course NE.; desc. gradually over E. slope.

39.94 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for W. 1/4 sec. cor. of sec. 31, with brass cap marked

Resurvey: West Boundary: T. 38 N., R. 9 W.

Chains

1/4  
S31  
1939

raise a mound of stone, 2 1/2 ft. base, 2 ft. high, E. of cor.

Desc. gradually over E. slope.

43.82 Intersect the 1/4 sec. cor. of secs. 31 and 36, an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W.

Alter this cor. monument to refer to the quarters of sec. 36 only by changing marking on brass cap to read:

1/4  
S36  
1939  
1934

No change in accessory is required.

Desc. 30 ft. over NE. slope.

51.40 Road, bears E. and W.

53.80 Swale, course S.70°E.; asc. 50 ft. over S. slope.

67.30 Road, bears N.20°E. and S.20°W.

78.80 Low spur, slopes E.; desc. 5 ft. over N. slope to

79.88 Intersect the subdivisional line bet. secs. 30 and 31, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.

Land, rolling.  
Soil, gravelly clay, 3rd rate.  
Timber, none.  
Undergrowth, sagebrush and spanish dagger. Fair grass.

North, on W. bdy. of sec. 30.

Over rolling land, thru scattering undergrowth.  
Desc. 20 ft. over N. slope to

3.94 Intersect the cor. of secs. 25, 30, 31 and 36, an iron post, 2 ins. in diam., projecting 28 ins. above ground, firmly set in ground and mound of stone, and properly marked on brass cap. No accessories.  
Alter this cor. monument to refer to secs. 25 and 36 only by changing marking on brass cap to read

T38N  
R10W | T38N  
S25 | R9W  
S36 | S30  
1939  
1934

Desc. 17 ft. over N. slope.

6.35 Drain, course N.70°E.; asc. 16 ft. over S. slope.

13.95 Low spur, slopes E.; desc. 65 ft. over gradual N. slope.

36.24 Drain, course E.; asc. gradually over SE. slope to



Chains 40.02	<p>(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for W. <math>\frac{1}{4}</math> sec. cor. of sec. 30, with brass cap marked</p> <p style="text-align: center;"> <math>\frac{1}{4}</math>                                     S30                  1939             </p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.</p> <p>Asc. slightly over E. slope to</p>												
43.94	<p>Intersect the <math>\frac{1}{4}</math> sec. cor. of secs. 25 and 30, an iron post, 1 in. in diam., projecting 24 ins. above ground, firmly set in ground and mound of stone, and properly marked on brass cap. No accessories.</p> <p>Alter this cor. monument to refer to the quarters of sec. 25 only by changing marking on brass cap to read:</p> <p style="text-align: center;"> <math>\frac{1}{4}</math>                                     S25                  1939                  1934             </p> <p>Desc. 35 ft. over NE. slope.</p>												
50.95	<p>Wash, course SE.; Road, bears NW. and SE.</p> <p>Asc. 30 ft. over gradual SW. slope.</p>												
74.55	<p>Low spur, slopes SE. Old road, bears NW. and SE.</p> <p>Desc. 8 ft. over NE. slope to</p>												
80.04	<p>Intersect the subdivisional line bet. secs. 19 and 30, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.</p> <p>Land, rolling, Soil, gravelly, 3rd rate. Timber, none. Undergrowth, sagebrush, Mormon tea, and cacti. Fair grass.</p> <hr style="border-top: 1px dashed black;"/> <p>North, on W. bdy. of sec. 19.</p> <p>Over rolling land, thru scattering undergrowth.</p> <p>Desc. 8 ft. over NE. slope to</p>												
3.90	<p>Intersect the cor. of secs. 19, 24, 25 and 30, an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W.</p> <p>Alter this cor. monument to refer to secs. 24 and 25 only by changing marking on brass cap to read:</p> <p style="text-align: center;"> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">T38N</td> <td style="padding: 2px;"> </td> <td style="padding: 2px;">T38N</td> </tr> <tr> <td style="padding: 2px;">R10W</td> <td style="padding: 2px;"> </td> <td style="padding: 2px;">R9W</td> </tr> <tr> <td style="padding: 2px;">S24</td> <td style="padding: 2px;"> </td> <td style="padding: 2px;">S19</td> </tr> <tr> <td style="padding: 2px;">S25</td> <td style="padding: 2px;"> </td> <td style="padding: 2px;"></td> </tr> </table>                 1939                  1934             </p> <p>No change in accessory is required.</p> <p>Desc. 50 ft. over NE. slope.</p>	T38N		T38N	R10W		R9W	S24		S19	S25		
T38N		T38N											
R10W		R9W											
S24		S19											
S25													
37.20	<p>Old road, bears NW. and SE.</p>												
38.60	<p>Main wash, course NW.; asc. slightly over SW. slope to</p>												

## Resurvey: West Boundary: T. 38 N., R. 9 W.

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Chains 39.95	<p>(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for W. <math>\frac{1}{4}</math> sec. cor. of sec. 19, with brass cap marked.</p> <p style="text-align: center;">  <math>\frac{1}{4}</math> S19</p> <p style="text-align: center;">1939</p> <p>raise a mound of stone, 2<math>\frac{1}{2}</math> ft. base, 2 ft. high, E. of cor.</p> <p>Asc. gradually over SW. slope to</p>
43.90	<p>Intersect the <math>\frac{1}{4}</math> sec. cor. of secs. 19 and 30, an iron post, 1 in. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W.</p> <p>Alter this cor. monument to refer to the quarters of sec. 24 only by changing marking on brass cap to read:</p> <p style="text-align: center;">  <math>\frac{1}{4}</math> S24</p> <p style="text-align: center;">1939 1934</p> <p>No change in accessory is required.</p> <p>Asc. 30 ft. over gradual SW. slope.</p>
64.90	<p>Drain, 5 ft. deep, course S.70°W.; asc. 110 ft. over SW. slope.</p>
74.90	<p>Rimrock, 15 ft. high, bears NW. and SE., facing SW., and edge of top of ridge. Thence across top of low ridge, bearing N.15°W. and S.15°E.</p>
75.10	<p>Leave top of ridge and desc. 20 ft. over NE. slope to</p>
79.90	<p>Intersect the subdivisional line bet. secs. 18 and 19, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.</p>
	<p>Land, rolling. Soil; gravelly clay, 3rd rate. Timber, none. Undergrowth, sagebrush, Mormon tea; and cacti. Fair grass.</p> <p>-----</p>
	<p>North, on W. bdy. of sec. 18.</p> <p>Over rolling land, thru scattering undergrowth. Desc. 15 ft. over NE. slope to</p>
4.00	<p>Intersect the cor. of secs. 13, 18, 19 and 24, an iron post, 2 ins. in diam., projecting 20 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap, and witnessed by a mound of stone W.</p> <p>Alter this cor. monument to refer to secs. 13 and 24 only by changing marking on brass cap to read:</p> <p style="text-align: center;">T38N   T38N R10W   R9W S13   S18 S24  </p> <p style="text-align: center;">1939 1934</p> <p>No change in accessory is required.</p> <p>Desc. 30 ft. over NE. slope.</p>

Chains									
10.20	Drain, course E. Thence over E. slope descending.								
20.50	Ravine, course E.; asc. 30 ft. over SE. slope.								
28.50	Spur, slopes E.; desc. slightly over N. slope to								
30.00	Old road, bears NW. and SE.; desc. 25 ft. over N. slope to								
39.96	(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for W. $\frac{1}{4}$ sec. cor. of sec. 18, with brass cap marked								
	$\frac{1}{4}$ S18 1939								
	raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Desc. 10 ft. over N. slope to								
44.00	Intersect the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, an iron post, 1 in. in diam., projecting 26 ins. above ground, firmly set in ground and mound of stone, and properly marked on brass cap. No accessories. Alter this cor. monument to refer to the quarters of sec. 13 only by changing marking on brass cap to read:								
	$\frac{1}{4}$ S13 1939 1934								
	Desc. 15 ft. over N. slope.								
49.00	Drain, course E.; asc. 6 ft. over S. slope.								
54.00	Desc. gradually over N. and NE. slopes.								
74.20	Old road, bears NE. and SW.								
79.92	Intersect the subdivisional line bet. secs. 7 and 18, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.								
	Land, rolling. Soil, gravelly clay, 2nd and 3rd rates. Timber, none. Undergrowth, sagebrush, Mormon tea, and cacti. Good grass.								
	North, on W. bdy. of sec. 7.								
	Over rolling land, thru scattering undergrowth. Desc. gradually over NE. slope.								
4.08	Intersect the cor. of secs. 7, 12, 13 and 18, an iron post, 2 ins. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap and witnessed by a mound of stone W. Alter this cor. monument to refer to secs. 12 and 13 only by changing marking on brass cap to read:								
	<table border="0"> <tr> <td>T38N</td> <td>T38N</td> </tr> <tr> <td>R10W</td> <td>R9W</td> </tr> <tr> <td>S12</td> <td>S7</td> </tr> <tr> <td>S13</td> <td></td> </tr> </table> 1939 1934	T38N	T38N	R10W	R9W	S12	S7	S13	
T38N	T38N								
R10W	R9W								
S12	S7								
S13									

Chains

No change in accessory is required.

Continue gradual descent over NE. slope.

26.30 Old road, bears NE. and SW.; asc. gradually over SE. slope.

40.04 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for W. 1/4 sec. cor. of sec. 7, with brass cap marked

1/4  
|  
S7  
1939

raise a mound of stone, 2 1/2 ft. base, 2 ft. high, E. of cor.

Asc. gradually over SE. slope to

44.08 Intersect the 1/4 sec. cor. of secs. 7 and 12, an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by pits, one each N. and S. of cor. 3 ft. dist. Alter this cor. monument to refer to the quarters of sec. 12 only by changing the marking on brass cap to read:

1/4  
|  
S12  
1939  
1934

No change in accessory is required.

Descend gradually over NE. slope.

54.20 Drain, course E.. Thence over E. slope.

57.70 Drain, course S.70°E.; asc. 23 ft. over S. slope.

60.40 Top of knoll; desc. 58 ft. over N. slope.

68.40 Draw, course NE. Desc. gradually over NE. slope to

80.07 Intersect the subdivisional line bet. secs. 6 and 7, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.

Land, gently rolling.  
Soil, gravelly clay, 3rd rate.  
Timber, none.  
Undergrowth, sagebrush, and spanish dagger. Good grass.

North, on W. bdy. of sec. 6.

Over gently rolling land, thru scattering undergrowth. Desc. gradually over NE. slope.

4.01 Intersect the cor. of secs. 1,6,7 and 12, an iron post, 2 ins. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W. Alter this cor. monument to refer to secs.1 and 12 only by changing marking on brass cap to read:

T38N | T38N  
R10W | R9W  
S1 | S6  
S12 |  
1939  
1934

Resurvey: West Boundary: T. 38 N., R. 9 W.

Chains	No change in accessory is required.
	Continue gradual descent over NE. slope.
20.40	Drain, course NW. Thence over nearly level land.
25.40	Road, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for W. $\frac{1}{4}$ sec. cor. of sec. 6, with brass cap marked
	$\frac{1}{4}$   S6 1939
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, E. of cor.
	Continue over nearly level land, draining NW.
44.01	Intersect the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, an iron post, 1 in. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W. of cor.
	Alter this con. monument to refer to the quarters of sec. 1 only by changing marking on brass cap to read:
	$\frac{1}{4}$   S1 1939 1934
	No change in accessory is required
	This cor. is at foot of slope, bearing NW. and SE.
	Enter gently rolling land. Asc. 25 ft. over SW. slope.
50.60	Desc. gradually over NW. slope.
70.60	Drain, course N. 70° W., near head. Asc. 17 ft. over SW. slope.
75.50	Desc. gradually over NW. slope to base
79.52	Intersect the N. bdy. of T. 38 N., R. 9 W., surveyed due West. Closing cor. of Ts. 38 and 39 N., R. 9 W. established at this point as hereinafter described. The cor. of Ts. 38 and 39 N., Rs. 9 and 10 W. bears North, 4.49 chs. dist., altered to refer to Ts. 38 and 39 N., R. 10 W. only, as described, in the field notes of survey of W. bdy. of T. 39 N., R. 9 W., executed under this group.
	Land, gently rolling and nearly level.
	Soil, gravelly and sandy, 2nd rate.
	Timber, none.
	Undergrowth, sagebrush, Mormon tea, and cacti. Good grass.

Survey: North Boundary of T. 38 N., R. 9 W.

BOOK 4258

II

Chains.

From the cor. of Tps. 38 and 39 N., Rgs. 8 and 9 W., established under this group, as described in the field notes of the W. bdy. of T. 38 N., R. 8 W.

West, along N. bdy. of T. 38 N., R. 9 W., bet. secs. 1 and 36.

Over rolling land, through scattering undergrowth; ascend 29 ft. over SE. slope.

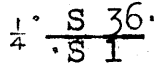
5.50 Low spur, slopes NE.; continue gradual ascent over NE. slope.

14.00 Spur, slopes N.; descend 14 ft. along N. slope.

32.45 Top of steep descent, bears NE. and S.; descend 38 ft. over W. slope.

34.70 Ravine, course N. 20° E.; ascend 66 ft. over E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor., with brass cap marked



1939

Ascend 28 ft. over E. slope.

47.50 Short spur, slopes N.; descend 31 ft. over W. slope.

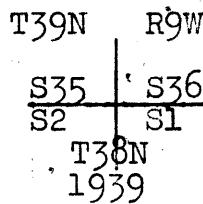
51.10 Ravine, near head, course N.; ascend 37 ft. over E. slope.

58.30 Spur, slopes N.; descend 83 ft. over W. slope.

67.10 Ravine, course N. 60° E.; cut bank wash in bottom, 8 lks. wide, banks 8 ft. deep; ascend 105 ft. over SE. slope.

77.00 Spur, slopes S.; thence along W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock with X marked on bedrock at base of post, and in a mound of stone to top, for the cor. of secs. 1, 2, 35 and 36, with brass cap marked



Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, algerita, cacti and a good growth of native grass.

West, bet. secs. 2 and 35.

Over rolling land, through scattering undergrowth, descend 70 ft. over W. slope.

12

Survey: North Boundary of T. 38 N., R. 9 W.

Chains.

4.70 Ravine, course S. 10° E.; ascend 90 ft. over broken E. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked $\frac{1}{4} \frac{S35}{S2}$ 

1939

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

Ascend 46 ft. over E. slope.

40.10 Ungraded road, bears N. 20° E. and S. 20° W.

49.97 Spur, slopes N. 30° E.; descend gradually over NW. slope.

69.90 Ungraded road, Hurricane to Mt. Trumbull, bears N. 20° E. and S. 13° W.

72.10 Draw, course N. 30° E.; ascend gradually over E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 2, 3, 34 and 35, with brass cap marked

T39N R9W

S34	S35
S 3	S2

T38N  
1939

of stone, 3 ft. base, 2 ft. high, W. of cor. raise a mound

Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, algerita, sagebrush, cacti and a good growth of native grass.

West, bet. secs. 3 and 34.

Over rolling land, through scattering undergrowth; ascend 52 ft. over E. slope.

23.00 Short spur, slopes NE.; descend 17 ft. over NW. slope.

23.70 Head of draw, course NE.; ascend 20 ft. over E. slope.

31.00 Spur, slopes N.; descend 33 ft. over W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked $\frac{1}{4} \frac{S34}{S3}$ 

1939

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

Survey: North Boundary of T. 38 N., R. 9 W.

13

Chains.

- 41.90 Draw, course N.; ungraded road, bears N. and S.; ascend 29 ft. over NE. slope.
- 50.00 Spur, slopes N.; descend 20 ft. over W. slope.
- 63.00 Enter scattering timber, bears N. and S.
- 63.80 Ravine, course N.; ascend 35 ft. over E. slope.
- 75.50 Divide ridge, main divide bet. Hurricane and Clayhole Washes, bears N. and S.; descend 42 ft. over W. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, to bedrock, with X marked on bedrock and in a mound of stone to top, for the cor. of secs. 3, 4, 33 and 34, with brass cap marked

T39N	R9W
S33	S34
S4	S3
T38N 1939	

from which

- A juniper, 8 ins. diam., bears N.  $23\frac{1}{4}^{\circ}$  E., 201 lks. dist., marked T 39 N R 9 W S 34 B T.
- A juniper, 6 ins. diam., bears S.  $76^{\circ}$  E., 130 lks. dist., marked T 38 N R 9 W S 3 B T.
- A juniper, 12 ins. diam., bears S.  $46\frac{1}{4}^{\circ}$  W., 91 lks. dist., marked T 38 N R 9 W S 4 B T.
- A juniper, 7 ins. diam., bears N.  $52\frac{3}{4}^{\circ}$  W., 256 lks. dist., marked T 39 N R 9 W S 33 B T.

Land, rolling.

Soil, gravelly clay, and rocky, 3rd. and 4th. rates.

Timber, E. 63 chains, none, W. 17.00 chs. scattering juniper.

Undergrowth, sagebrush, algerita, cliffrose, thornbush, cacti and a good growth of native grass.

---

West, bet. secs. 4 and 33.

Over mountainous land, through scattering timber and undergrowth; descend 12 ft. over W. slope.

- 1.10 Draw, heads S. 5.00 chs. dist., course N.  $20^{\circ}$  W.; descend 30 ft. along broken N. slope.
- 12.30 Rocky ravine, 5 lks. wide, drains N.; ascend 50 ft. over E. slope.
- 23.50 Spur, slopes NE.; descend 150 ft. over broken W. slope.
- 38.92 Top of Hurricane Ledge, cliffs 70 ft. high, bears N.  $20^{\circ}$  W. and S.  $20^{\circ}$  E.; descend 100 ft. to



Survey: North Boundary of T. 38 N., R. 9 W.

14

Chains.											
40.00	Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked										
	$\frac{1}{4} \frac{S33}{S4}$										
	1939										
	Descend 240 ft. over steep, broken, rocky W. slope.										
40.30	Top of perpendicular cliff, 40 ft. high, faces W.										
51.00	Foot of steep descent, bears N. 20° W. and S. 20° E.; descend 47 ft. over SW. slope.										
59.00	Wash, 10 lks. wide, course N. 20° W.; ascend 32 ft. over E. slope.										
61.90	Short spur, slopes N.; descend 27 ft. over W. slope.										
63.90	Ravine, course N.; ascend 45 ft. over E. slope.										
68.20	Short, detached spur, slopes N.; descend 41 ft. over NW. slope.										
72.60	Ravine, near head, course NE.; ascend 87 ft. over E. slope.										
80.00	Spur, slopes N. from SE.										
	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock with X marked on bedrock at base of post, and in a mound of stone to top, for the cor. of secs. 4, 5, 32 and 33, with brass cap marked										
	<table style="margin: auto;"> <tr> <td>T39N</td> <td>R9W</td> </tr> <tr> <td>S32</td> <td>S33</td> </tr> <tr> <td>S5</td> <td>S4</td> </tr> <tr> <td colspan="2" style="text-align: center;">T38N</td> </tr> <tr> <td colspan="2" style="text-align: center;">1939</td> </tr> </table>	T39N	R9W	S32	S33	S5	S4	T38N		1939	
T39N	R9W										
S32	S33										
S5	S4										
T38N											
1939											
	Land, mountainous. Soil, rocky, 4th. rate. Timber, very scattering juniper; undergrowth, sagebrush, algerita, cacti and a fair growth of native grass.										
	West, bet. secs. 5 and 32.										
	Over mountainous land, through scattering undergrowth; descend 83 ft. over W. slope.										
6.10	Ravine, near head, course N.; ascend 102 ft. over E. slope.										
10.00	Top of ascent, bears N. and S.; desc. 47 ft. over W. slope to steep.										
13.40	Top of Hurricane Ledge, bears N. and S.; desc. 391 ft. over steep W. slope to										
29.00	Foot of steep descent, leave mountainous land, bears N. 20° W. and S. 20° E.; descend 160 ft. over W. slope.										
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked										

Survey: North Boundary of T. 38 N., R. 9 W.

Chains.

$\frac{1}{4} \frac{S32}{S5}$

1939

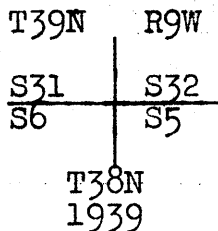
raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Descend 64 ft. over gradual W. slope.

65.00 Drain, course NW.; ascend gradually over NE. slope.

72.90 Ungraded road, bears NW. and SE. (Old Temple Road)

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 5, 6, 31 and 32, with brass cap marked



raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous and rolling.

Soil, gravelly clay, and rocky, 3rd. and 4th. rates.

Timber, none; undergrowth, sagebrush, cacti, algerita and a good growth of native grass.

West, bet. secs. 6 and 31.

Over gently rolling land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked

$\frac{1}{4} \frac{S31}{S6}$

1939

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Continue over gently rolling land.

54.50 Wash, course N.; foot of rolling hills, bear N. and S.; ascend 24 ft. over rolling E. slope.

73.70 Low spur, slopes N.; ungraded road, bears N. and S.; descend gradually.

76.40 Intersect E. bdy. of T. 38 N., R. 10 W.

At point of intersection, set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for closing cor. of Tps. 38 and 39 N., R. 9 W., with brass cap marked

Survey: North Boundary of T. 38 N., R. 9 W.

16

Chains.

T38N	T39N	
R10W	R9W	
S1	<u>S31</u>	CC
	S6	
	T38N	
	1939	

raise a mound of stone, 3 ft. base, 2½ ft. high, E. of cor.

From point of intersection the original cor. of Tps. 38 and 39 N., Rgs. 9 and 10 W., bears N., 4.49 chs. dist. This cor. altered to refer to Tps. 38 and 39 N., Rg. 10 W. only, as described in the field notes of the W. bdy. of T. 39 N., R. 9 W.

Land, gently rolling.  
Soil, gravelly and sandy, 2nd. rate.  
Timber, none; undergrowth, Mormon tea, sagebrush, cacti and a good growth of native grass.

Survey: Subdivision of T. 38 N., R. 9 W.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of tp., established under this group, described in the field notes of the N. bdy. of T. 37 N., R. 9 W.

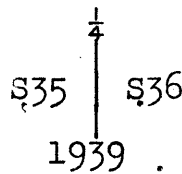
N. 0° 01' W., bet. secs. 35 and 36.

Over gently rolling land, through scattering timber and undergrowth; descend gradually over NE. slope.

12.90 Ungraded road, the old Temple Road, bears NW. and SE.

39.85 Dim, ungraded road, bears N. 60° E. and S. 60° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked



of stone, 2½ ft. base, 2 ft. high, W. of cor. raise a mound

Continue over gently rolling land.

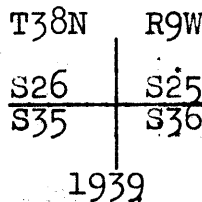
47.90 Ungraded road, Mt. Trumbull to Hurricane, bears N. 19° W. and S. 19° E.

63.30 Ungraded road bears N. 80° W. and S. 80° E.

65.00 Point from which Temple Trail Tank, an earth tank with barbed wire fence surrounding same, bears S. 74° E., 15.00 chs. dist.

71.70 Draw, course E.; ascend 25 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 25, 26, 35 and 36, with brass cap marked



of stone, 3½ ft. base, 2 ft. high, W. of cor. raise a mound

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

Timber, very scattering juniper; undergrowth, sagebrush, algerita, cacti and a good growth of native grass.

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

40.00 Set temp. ¼ sec. cor.

80.06 Intersect E. bdy. of tp., 9 lks. N. of the cor. of secs. 25, 30, 31 and 36, established under this group, described in the field notes of the W. bdy. of T. 38 N., R. 8 W.

Thence

Chains.	
	N. 89° 56' W., on true line, bet. secs. 25 and 36. Over gently rolling land, through very scattering timber, and undergrowth.
10.00	Descend 34 ft. over W. slope.
15.95	Wash, 4 lks. wide, course N. 10° E.; ascend 20 ft. over SE. slope.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S25}{S36}$
	1939
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Ascend gradually.
45.05	Low spur, slopes NE.; descend 20 ft. over NW. slope.
54.55	Draw, course NE.; ascend 50 ft.
55.45	Ungraded road, bears NE. and SW.
80.06	The cor. of secs. 25, 26, 35 and 36. Land; gently rolling. Soil, gravelly clay, 3rd. rate. Timber, very scattering juniper; undergrowth, sagebrush, algerita, cacti and a good growth of native grass.
	N. 09° 01' W., bet. secs. 25 and 26. Over gently rolling land, through scattering timber and undergrowth; ascend gradually over S. slope.
3.00	Spur, slopes NE.; descend gradually.
15.00	Draw, course NE.; ascend gradually.
37.00	Ridge, divide bet. Hurricane and Clayhole Washes, bears N. 20° E., and S. 20° W.; thence along gentle 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., with brass cap marked
	$\frac{1}{4}$
	S26   S25
	1939
	from which
	An algerita, 5 ins. diam., bears N. 29 $\frac{1}{4}$ ° E., 12 $\frac{1}{2}$ lks. dist., marked $\frac{1}{4}$ S 25 B T.
	A juniper, 14 ins. diam., bears N. 27 $\frac{1}{2}$ ° W., 63 $\frac{1}{2}$ lks. dist., marked $\frac{1}{4}$ S 26 B T.
	Continue along rolling W. slope.

Survey: Subdivision of T. 38 N., R. 9 W.

19

Chains.

80.00 Low spur, slopes W.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 23, 24, 25 and 26, with brass cap marked

T38N	R9W
------	-----

S23	S24
S26	S25

1939

of stone, 2½ ft. base, 2 ft. high, W. of cor. raise a mound

Land, rolling.

Soil, gravelly clay, 2nd. and 3rd. rate.

Timber, scattering juniper; undergrowth, sagebrush, cacti, algerita and a good growth of native grass.

S. 89° 56' E., on a random line, bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

80.18 Intersect E. bdy. of tp., 4 lks. N. of the cor. of secs. 19, 24, 25 and 30, established under this group, described in the field notes of the W. bdy. of T. 38 N., R. 8 W.

Thence

N. 89° 54' W., on true line, bet. secs. 24 and 25.

Over rolling land, through scattering undergrowth and very scattering timber.

8.10 Dim, ungraded road, bears N. and S.

33.20 Draw, course SE.; ascend gradually.

40.09 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼ S24
S25

1939

of stone, 2 ft. base, 1½ ft. high, N. of cor. raise a mound

Continue gradual ascent over rolling land.

74.00 Low ridge, divide bet. Hurricane and Clayhole Washes, bears N. and S. Descend over W. slope to

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

Land, rolling.

Soil, gravelly clay, 2nd. and 3rd. rate.

Timber, very scattering juniper; undergrowth, sagebrush, algerita, cacti and a good growth of native grass.

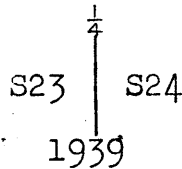
Chains.

N. 0° 01' W., bet. secs. 23 and 24.

Over gently rolling land, through scattering undergrowth and very scattering timber; ascend gradually.

18.00 Low ridge, divide bet. Hurricane and Clayhole Washes, bears W. and SE.; descend gradually.

30.00 Draw, course NE.; ascend gradually.

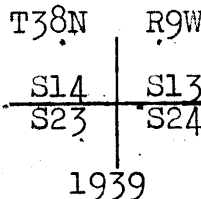
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

raise a mound

 of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Thence along gentle E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 13, 14, 23 and 24, with brass cap marked



raise a mound

 of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, gently rolling.

Soil, gravelly clay, 2nd. rate.

Timber, very scattering juniper; undergrowth, sagebrush, Mormon tea, algerita, cacti and a good growth of native grass.

S. 89° 54' E., on a random line, bet. secs. 13 and 24.

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

80.24 Intersect E. bdy. of tp., 3 lks. N. of the cor. of secs. 13, 18, 19 and 24, established under this group, described in the field notes of the W. bdy. of T. 38 N., R. 8 W.

Thence

N. 89° 53' W., on true line, bet. secs. 13 and 24.

Over mountainous land, through scattering undergrowth; descend gradually.

3.54 Ravine, course NE.; ascend 53 ft. along broken S. slope.

10.24 Same ravine; course SE.; ascend 322 ft. over steep E. slope.

20.00 Top of Antelope Knoll, bears S. 25° E. for 5.00 chs., thence SE. for 5.00 chs., thence E. to E. bdy. of tp.;

## Chains.

and N. 25° W. for 5.00 chs., thence N. for 5.00 chs.,  
thence E. Descend 390 ft. over steep, rocky W. slope.

35.25 Foot of steep descent; continue descent 40 ft. over W. slope.

40.12 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S13}{S24}$$

1939

of stone, 2 ft. base, 1½ ft. high, N. of cor. raise a mound

Descend gradually.

45.00 Limestone ledge, bears NE. and S.; descend 80 ft. over NW.  
slope.

56.24 Foot of steep descent, leave mountainous land, bears NE.  
and S.; descend gradually.

65.24 Wash, 5 lks. wide, course NE.; ascend gradually along E.  
slope.

80.24 The cor. of secs. 13, 14, 23 and 24:

Land, mountainous and rolling.

Soil, rocky and gravelly clay, 3rd. and 4th. rate.

Timber, none; undergrowth, sagebrush, cacti, algerita and  
a fair growth of native grass in W.  $\frac{1}{4}$  mi.

N. 0° 01' W., bet. secs. 13 and 14.

Over rolling land, through scattering undergrowth.

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

$$\begin{array}{c} \frac{1}{4} \\ | \\ S14 \quad | \quad S13 \end{array}$$

1939

of stone, 2 ft. base, 1½ ft. high, W. of cor. raise a mound

Descend gradually over rolling land.

61.00 Wash, 10 lks. wide, course NW.; ascend 30 ft. over SW. slope.

70.00 Top of ascent, bears NW. and SE.; descend gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the  
ground, for the cor. of secs. 11, 12, 13 and 14, with  
brass cap marked



Chains.

T38N R9W.

S11	S12
S14	S13

1939

raise a mound  
of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, Mormon tea, cacti  
and a good growth of native grass.

S. 89° 53' E., on a random line, bet. secs. 12 and 13.

40.00° Set temp. ¼ sec. cor.

80.38 Intersect E. bdy. of tp., 3 lks. N. of the cor. of secs.  
7, 12, 13 and 18, established under this group, describ-  
ed in the field notes of the W. bdy. of T. 38 N., R. 8 W.

Thence

N. 89° 52' W., on true line, bet. secs. 12 and 13.

Over rolling land, through scattering undergrowth; descend  
gradually.

20.38 Draw, course NE., ascend gradually.

40.19 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the  
ground, for ¼ sec. cor., with brass cap marked¼ ·  $\frac{S12}{S13}$ 

1939

raise a mound  
of stone, 2½ ft. base, 2 ft. high, N. of cor.

Ascend gradually.

48.43 Low ridge, bears N. and SE.; descend 105 ft. over W. slope.

80.38 The cor. of secs. 11, 12, 13 and 14.

Land, rolling.

Soil, clay, gravelly clay and rocky, 2nd., 3rd. and 4th.  
rates.Timber, none; undergrowth, sagebrush, Mormon tea, cacti and  
a good growth of native grass.

N. 0° 01' W., bet. secs. 11 and 12.

Over rolling land, through scattering undergrowth, along  
gradual W. slope.

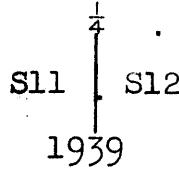
25.00 Ascend 29 ft. over SW. slope.

Survey: Subdivision of T. 38 N., R. 9 W.

Chains.

30.50 Short spur, slopes NW., from E.; descend 35 ft. over N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked



Descend 40 ft. over NW. slope.

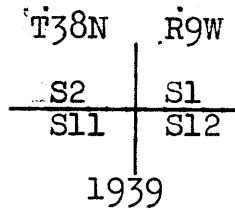
57.00 Wash, in bottom of long draw, course NW.; thence along E. side of draw.

60.00 Ascend 20 ft. over SW. slope.

63.00 Top of ascent, bears E. and W.; descend 60 ft. over NW. slope.

77.70 Wash, 10 lks. wide, in bottom of long draw, course N. 60°E., from S. 20° W.; ascend 30 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 1, 2, 11 and 12, with brass cap marked



of stone, 2½ ft. base, 1½ ft. high, W. of cor. raise a mound

Land, rolling.

Soil, gravelly clay, 2nd. and 3rd. rates.

Timber, none; undergrowth, sagebrush, Mormon tea, cacti and a good growth of native grass.

S. 89° 52' E., on a random line, bet. secs. 1 and 12.

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

80.18 Intersect E. bdy. of tp., at the cor. of secs. 1, 6, 7 and 12, established under this group, described in the field notes of the W. bdy. of T. 38 N., R. 8 W.

Thence

N. 89° 52' W., on true line, bet. secs. 1 and 12.

Over rolling land, through scattering undergrowth; descend gradually along N. slope.

16.70 Shallow draw, course NE.; ascend gradually.

40.09 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

Chains.	
	$\frac{1}{4} \frac{S1}{S12}$
	1939
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	Ascend gradually.
40.70	Low ridge, bears NE. and S. $20^\circ$ W.; descend gradually over NW. slope.
74.19	Wash, 10 lks. wide, course N. $60^\circ$ E. for 5.00 chs., thence NW.; ascend 37 ft. over SE. slope.
80.18	The cor. of secs. 1, 2, 11 and 12.  Land, rolling. Soil, gypsum and rocky, 3rd. and 4th. rates. Timber, none; undergrowth, sagebrush, Mormon tea, cacti and a good growth of native grass.
	North, on a random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect N. bdy. of tp., 28 lks. E. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.  Thence  S. $0^\circ 12'$ E., on true line, bet. secs. 1 and 2.  Over rolling land, through scattering undergrowth, descend 67 ft. over SW. slope.
5.80	Ravine, course S. $60^\circ$ E.; ascend gradually.
6.80	Spur, slopes E.; descend 6 ft.
10.30	Wash, 15 lks. wide, course N. $60^\circ$ E.; ascend 100 ft. over steep NW. slope.
27.80	Top of steep ascent; continue gradual ascent.
39.80	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ S2 \quad   \quad S1 \\ 1939 \end{array}$
	Ascend 50 ft. along broken W. slope.
74.40	Wash, 10 lks. wide, course NW. for 2.00 chs., thence N. $20^\circ$ W.; ascend 38 ft. over N. slope.
78.30	Spur, slopes E.; descend gradually.

Survey: Subdivision of T. 38 N., R. 9 W.

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## Chains.

79.80 The cor. of secs. 1, 2, 11 and 12.

Land, rolling.

Soil, rocky gypsum, 3rd. and 4th. rates.

Timber, none; undergrowth, sagebrush, Mormon tea, algerita, cacti and a good growth of native grass.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of tp., established under this group, described in the field notes of the N. bdy. of T. 37 N., R. 9 W.

N. 0° 01' W., bet. secs. 34 and 35.

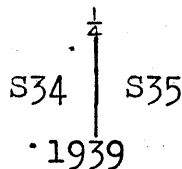
Over mountainous land, through scattering timber and undergrowth; descend 26 ft. over broken NE. slope.

5.50 Rocky ravine, course W., from SE.; descend 25 ft. along broken rim.

16.50 Top of Hurricane Ledge, bears N. 12° E. and S. 12° W., descend 22 ft.

19.60 Top of perpendicular cliff, 60 ft. high, bears NE. and SW.; descend 305 ft. along steep, broken, NW. slope.

25.60 Rocky ravine, course W.; ascend 39 ft. along steep, broken 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., with brass cap marked

raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.

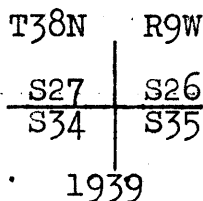
Descend 184 ft. over steep, rocky, broken NW. slope.

62.70 Rocky ravine, course SW.; ascend 204 ft. over steep, rocky SE. slope.

67.00 Slope changes to W.

78.10 Ungraded road, locally known as the old Temple Road, bears E. and S. 75° W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 26, 27, 34 and 35, with brass cap marked



raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky and gypsum, 4th. rate.

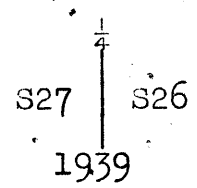
Timber, scattering juniper; undergrowth, sagebrush and cacti.

Chains.	<p>East, on a random line, bet. secs. 26 and 35.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>80.00 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 25, 26, 35 and 36.</p> <p>Thence</p> <p>N. 89° 55' W., on true line, bet. secs. 26 and 35.</p> <p>Over rolling land, through scattering timber and undergrowth.</p> <p>9.70 Ungraded road, Mt. Trumbull to Hurricane, bears N. 20° W. and S. 20° E.</p> <p>10.00 Ascend 54 ft. over NE. slope.</p> <p>33.50 Ridge, divide bet. Hurricane and Clayhole Washes, bears NW. and SE.; descend 32 ft. over SW. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4} \frac{S26}{S35}</math></p> <p style="text-align: center;">1939</p> <p style="text-align: right;">from which</p> <p>A juniper, 14 ins. diam., bears N. 78<math>\frac{1}{2}</math>° E., 150 lks. dist., marked <math>\frac{1}{4}</math> S 26 B T.</p> <p>A juniper, 8 ins. diam., bears S. 47° E., 117 lks. dist., marked <math>\frac{1}{4}</math> S 35 B T.</p> <p>Descend 13 ft. over SW. slope.</p> <p>41.90 Ravine, course S.; ascend 60 ft. over E. slope.</p> <p>51.60 Spur, slopes S.: descend 197 ft. over W. slope.</p> <p>66.90 Ungraded road, the old Temple Road, bears NW. and SE.</p> <p>70.60 Top of Hurricane Ledge, bears N. and S.; continue descent 200 ft. over rocky W. slope.</p> <p>71.50 Same road, bears NE. and SW.</p> <p>80.00 The cor. of secs. 26, 27, 34 and 35.</p> <p>Land, E. half rolling, W. half mountainous. Soil, rocky and gypsum, 3rd. and 4th. rate. Timber, scattering juniper; undergrowth, Mormon tea, algerita, sagebrush and a good growth of native grass.</p> <hr/> <p>N. 0° 01' W., bet. secs. 26 and 27.</p> <p>Over mountainous land, through scattering undergrowth; along steep, rocky W. slope.</p>
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Survey: Subdivision of T. 38 N., R. 9 W.

Chains.

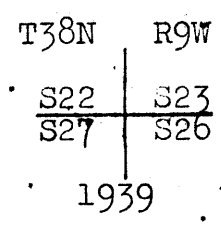
- 4.50 Rocky ravine, course SW.; ascend 14 ft. over S. slope.
- 7.00 Spur, slopes W.; descend 192 ft. over N. slope.
- 13.20 Rocky ravine, 4 lks. wide, course W. for 4.00 chs. to junction with ravine draining N.; ascend 80 ft. over steep, broken, rocky W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

Descend 96 ft. over steep, rocky, NW. slope.

- 50.70 Rocky ravine, course W.; ascend 306 ft. over steep, rocky SW. slope.
- 72.60 Top of Hurricane Ledge; cliffs 40 ft. high, bears N. and S. 10° E., thence along W. slope, about 50 lks. E. of top of Hurricane Ledge.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on solid rock, with X on solid rock at base of post and in a mound of stone to top, for the cor. of secs. 22, 23, 26 and 27, with brass cap marked



from which

- A juniper limb, 10 ins. diam., bears N. 58° E., 34 lks. dist., marked T 38 N R 9 W S 23 B T.
- A juniper limb., 8 ins. diam., bears S. 40 3/4° E., 90 lks. dist., marked T 38 N R 9 W S 26 B T.
- A juniper, 8 ins. diam., bears N. 12° W., 149 lks. dist., marked T 38 N R 9 W S 22 B T.
- No bearing tree in SW. sec. available.

Land, mountainous.  
 Soil, rocky and gypsum, 4th. rate.  
 Timber, scattering juniper in N. 7 1/2 chs; undergrowth, Mormon tea, sagebrush, algerita, Poor grass.

S. 89° 55' E., on a random line, bet. secs. 23 and 26.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.98 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 23, 24, 25 and 26.
- Thence

Survey: Subdivision of T. 38 N., R. 9 W.

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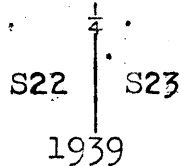
Chains.	
	N. 89° 54' W., on true line, bet. secs. 23 and 26. Over rolling land, through scattering timber and undergrowth; descend 46 ft. over rolling W. slope of spur.
11.80	Ungraded road, Mt. Trumbull to Hurricane, bears N. 16° E. and S. 16° W.
12.50	Draw, course SW.; ascend 23 ft. over E. slope.
20.50	Short spur, slopes S.; descend 47 ft. over W. slope.
25.40	Ravine, course S.; ascend 80 ft. over E. slope.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S23}{S26}$
	1939
	from which
	A juniper, 8 ins. diam., bears N. 66 $\frac{1}{4}$ ° E., 733 lks. dist.; marked $\frac{1}{4}$ S 23 B T.
	A juniper, 8 ins. diam., bears S. 35 $\frac{3}{4}$ ° E., 241 lks. dist.; marked $\frac{1}{4}$ S 26 B T.
	Ascend gradually over E. slope.
45.50	Spur, slopes S.; descend 110 ft. over SW. slope.
58.30	Sidehill drain, course S. 6.00 chs. to junction of ravine course SW., from E.; ascend 24 ft. over broken S. slope.
74.50	Top of ascent, bears NE. and S.; descend 33 ft. over broken W. slope.
79.98	The cor. of secs. 22, 23, 26 and 27.
	Land, rolling. Soil, gypsum and rocky, 3rd. and 4th: rates. Timber, scattering juniper; undergrowth, sagebrush, Mormon tea, algerita, and a good growth of native grass.
	N. 0° 01' W., bet. secs. 22 and 23. Over mountainous land, through scattering timber and undergrowth, along Hurricane Ledge, on broken W. slope.
9.00	Leave Hurricane Ledge, bears NE. from S.; continue along broken W. slope.
26.80	Spur, slopes W.; descend 40 ft. over N. slope.
30.00	Ravine, with steep banks, course W., ascend 23 ft. over S. slope.
32.30	Spur, slopes W., descend 17 ft. over N. slope.
34.50	Ravine, drains SW.; ascend 40 ft. over SE. slope.

## Survey: Subdivision of T. 38 N., R. 9 W.

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## Chains.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

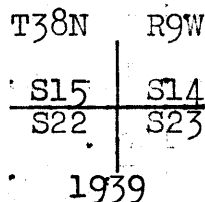


from which

A juniper limb, 5 ins. diam., bears S.  $20\frac{1}{2}^{\circ}$  E., 65 lks. dist., marked  $\frac{1}{4}$  S 23 B T.

No other bearing tree available.

- Ascend 120 ft. over S. slope.
- 50.20 Top of rocky spur, slopes W.; descend 139 ft. over steep NW. slope.
- 54.60 Drain, course NW.; thence along broken W. slope.
- 63.30 Ravine, course SW., from E.; ascend 203 ft. over broken SW. slope.
- 79.50 Ridge, divide bet. Hurricane and Clayhole Washes, bears NW. and SE.; descend gradually.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 14, 15, 22 and 23, with brass cap marked



from which

A juniper, 6 ins. diam., bears N.  $73\frac{1}{2}^{\circ}$  E., 324 lks. dist., marked T 38 N R 9 W S 14 B T.

A juniper, 6 ins. diam., bears S.  $24\frac{1}{4}^{\circ}$  E., 181 lks. dist., marked T 38 N R 9 W S 23 B T.

A juniper, 5 ins. diam., bears S.  $44\frac{1}{4}^{\circ}$  W., 50 lks. dist., marked T 38 N R 9 W S 22 B T.

A juniper, 5 ins. diam., bears N.  $27\frac{1}{2}^{\circ}$  W., 172 lks. dist., marked T 38 N R 9 W S 15 B T.

Land, mountainous.

Soil, gypsum and rocky, 3rd. and 4th. rates.

Timber, scattering juniper; undergrowth, Mormon tea, sagebrush, algerita, and a fair growth of native grass.



Chains.

S. 89° 54' E., on a random line, bet. secs. 14 and 23.

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

79.96 Intersect N. and S. line, 17 lks. S. of the cor. of secs. 13, 14, 23 and 24.

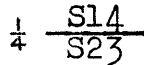
Thence

S. 89° 59' W., on true line, bet. secs. 14 and 23.

Over rolling land, through scattering undergrowth and very scattering timber.

36.20 Draw, course NE.; ascend gradually over gently rolling land.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



1939

raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, N. of cor.

Continue over gently rolling land.

47.20 Ungraded road, from Mt. Trumbull to Hurricane, bears N. and S.

47.70 Draw, course NE.; ascend gradually over rolling land.

79.96 The cor. of secs. 14, 15, 22 and 23.

Land, gently rolling.

Soil, gravelly clay, 2nd. and 3rd. rates.

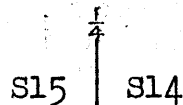
Timber, very scattering juniper; undergrowth, sagebrush, Mormon tea, algerita and a good growth of native grass.

N. 0° 01' W., bet. secs. 14 and 15.

Over rolling land, through scattering timber and undergrowth; ascend gradually.

16.50 Ridge, divide bet. Hurricane and Clayhole Washes, bears N. 20° E. and SW.; descend 205 ft. along 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., with brass cap marked



1939

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Descend 16 ft. along W. slope.

43.50 Ravine, near head, course W.; ascend 205 ft. over SW. slope.

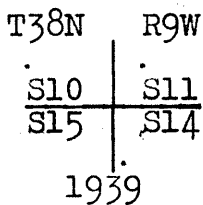
Survey: Subdivision of T. 38 N., R. 9 W.

Chains.

58.60 Same ridge, divide bet. Hurricane and Clayhole Washes, bears NW. and SE.; descend gradually over rolling land.

73.80 Head of draw, course E.; ascend gradually.

80.00 Set an iron post, 3 ft. long, .2 ins. diam., 28 ins. in the ground, for the cor. of secs. 10, 11, 14 and 15, with brass cap marked



raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, gypsum and rocky, 3rd. and 4th. rates.

Timber, scattering juniper; undergrowth, Mormon tea, sagebrush, algerita and a good growth of native grass.

N. 89° 59' E., on a random line, bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence

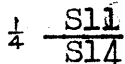
S. 89° 58' W., on true line, bet. secs. 11 and 14..

Over rolling land, through scattering undergrowth; descend 20 ft. over W. slope.

5.30 Cut bank wash, 10 lks. wide, banks 4 ft. high, course N. 10° E.; ascend 85 ft. over E. slope.

27.50 Low spur, slopes N. 20° E.; descend gradually.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked



1939

raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

Descend 30 ft. over W. slope.

50.50 Draw, course N.; ascend gradually over rolling land.

65.90 Ungraded road, from Mt. Trumbull to Hurricane, bears N. 2° 30' W., and S. 2° 30' E.

66.27 Draw, course NE.; ascend 40 ft. over SE. slope.

Chains.

79.96 The cor. of secs. 10, 11, 14 and 15.

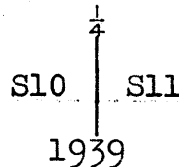
Land, rolling.  
Soil, gravelly clay and gypsum, 2nd. and 3rd. rates.  
Timber, none; undergrowth, Mormon tea, sagebrush, algerita  
and a good growth of native grass.

N. 0° 01' W., bet. secs. 10 and 11.

Over rolling land, through scattering undergrowth; descend gradually over E. slope.

12.00 Descend 13 ft. over N. slope.

14.30 Draw, course N. 80° E.; thence along gentle E. slope.

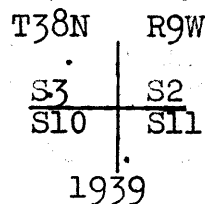
40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

raise a mound  
of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Descend gradually over N. slope.

51.80 Ungraded road, from Mt. Trumbull to Hurricane, bears N. 23° W. and S. 23° E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 2, 3, 10 and 11, with brass cap marked



Land, rolling.  
Soil, gravelly and gypsum, 2nd. and 3rd. rates.  
Timber, none; undergrowth, Mormon tea, algerita, sagebrush  
and a good growth of native grass.

N. 89° 58' E., on a random line, bet. secs. 2 and 11.

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

79.94 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence

S. 89° 59' W., on true line, bet. secs. 2 and 11.

## Survey: Subdivision of T. 38 N., R. 9 W.

33

Chains	
	Over rolling land, through scattering undergrowth. Ascend 20 ft. over SE. slope.
5.94	Spur, slopes N.10°E.; descend 58 ft. over NW. slope.
14.40	Draw, course NE.; ascend 70 ft. over broken E. slope.
21.90	Spur, slopes SE.; descend 24 ft. over SW. slope.
39.94	Draw, course S.60°E.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S2}{S11}$ 1939
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	Continue over rolling land, ascending gradually
79.94	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling. Soil, gravelly clay and gypsum, 2nd and 3rd rates. Timber, none. Undergrowth, sagebrush, Mormon tea, and algerita. Good grass.
	N.0° 12' W., on random line, bet. secs. 2 and 3.
40.00	Set temp, $\frac{1}{4}$ sec. cor.
79.86	Intersect N. bdy. of Tp., 7 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
	Thence
	S.0° 15' E., on true line, bet. secs. 2 and 3.
	Over rolling land, through scattering undergrowth. Ascend gradually over E. slope.
25.00	Draw, course NE.; ascend gradually over NE. slope.
39.86	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{c}   \\ S3 \quad   \quad S2 \\   \end{array}$ 1939
	raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Continue over rolling land, ascending gradually over NE. slope.
51.16	Ungraded road, from Mt. Trumbull to Hurricane, bears N.22°E. and S.22°W.
73.86	Low spur, slopes NE.; descend gradually to
79.86	The cor. of secs. 2, 3, 10 and 11.

Chains	Land, rolling. Soil, gravelly clay and gypsum, 3rd and 4th rates. Timber, none. Undergrowth, sagebrush, Mormon tea and algerita. Good grass.											
	From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp., established under this group as described in field notes of survey of N. bdy. of T. 37 N., R. 9 W., N. 0° 02' W., bet. secs. 33 and 34. Over nearly level land, through scattering undergrowth. Descend gradually over W. slope.											
12.30	Ungraded road, bears E. and W.											
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  <table style="margin-left: auto; margin-right: auto;"> <tr> <td>S33</td> <td> </td> <td>S34</td> </tr> <tr> <td colspan="3" style="text-align: center;">1939</td> </tr> </table> <p style="text-align: center;">raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.</p>	S33		S34	1939							
S33		S34										
1939												
	Continue over nearly level land, descending gradually over W. slope.											
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 27, 28, 33 and 34, with brass cap marked  <table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">T38N R9W</td> </tr> <tr> <td>S28</td> <td> </td> <td>S27</td> </tr> <tr> <td>S33</td> <td> </td> <td>S34</td> </tr> <tr> <td colspan="3" style="text-align: center;">1939</td> </tr> </table> <p style="text-align: center;">raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p>	T38N R9W		S28		S27	S33		S34	1939		
T38N R9W												
S28		S27										
S33		S34										
1939												
	Land, nearly level. Soil, sandy and gravelly, 2nd and 3rd rates. Timber, none. Undergrowth, sagebrush, Mormon tea and cacti. Good grass.											
	East, on random line, bet. secs. 27 and 34.											
40.00	Set temp. $\frac{1}{4}$ sec. cor. Discontinue chaining at this point as the line enters cliffs about 10 chs. E. of this point, over which chaining is impracticable.  Return to the cor. of secs. 27, 28, 33 and 34 which is designated as triangulation point "A".  Set a flag "B" ahead on random line bet. secs. 27 and 34 at top of cliffs, the vertical angle to which, from "A" is +7½°.  Designate the $\frac{1}{4}$ sec. cor. of secs. 27 and 28 as trian-											

Survey: Subdivision of T. 38 N., R. 9 W.

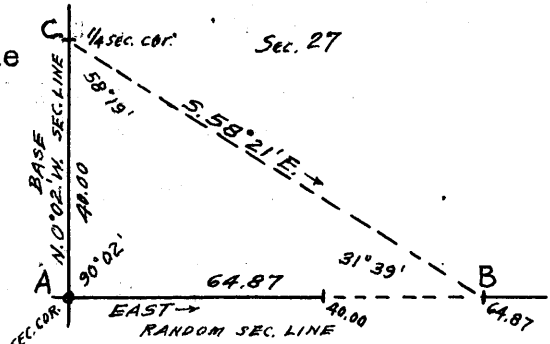
35

Chains

gulation point "C", and use the S. half of sec. line bet. secs. 27 and 28 as a base "A-C", N. 0° 02' W., 40.00 chs.

From "C" the flag "B" bears S. 58° 21' E.

Included angles of the triangle "A-B-C" are: 90° 02', 31° 39' and 58° 19'; the sum of which is 180° 00'.



Triangulated dist. from "A" to "B" = 64.87 chs. East.

64.87

Triangulation point "B".

Resume chaining and continue line and measurement

79.96

Intersect N. and S. line 14 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence

N. 89° 54' W., on true line, bet. secs. 27 and 34.

Over mountainous land, through scattering undergrowth. Descend 74 ft. over W. slope.

14.00

Ungraded road (Old Temple Road), bears N. and S.

15.09

Top of cliff, bearing N. and S., facing W.

Discontinue chaining. Measurement to  $\frac{1}{4}$  sec. cor. by triangulation hereinbefore described.

Descend 482 ft. over cliffs and sliderock on precipitous broken W. slope.

30.00

(Approx.) Foot of precipitous W. slope, bears N. and S.

Enter rolling land. Descend about 90 ft. over W. slope to

39.98

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

$$\frac{S27}{S34}$$

1939

Resume chaining and continue line and measurement.

Continue over rolling land; descend 83 ft. over W. slope to

55.00

Enter nearly level land; descend gradually over W. slope.

65.66

Dim, ungraded road, bears N. and S.

79.96

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

Land; E. 30 chs. mountainous; W. 25 chs. nearly level; remainder rolling.

Soil, sandy and gravelly clay, and rocky, 3rd and 4th rates. Timber, none.

Undergrowth, sagebrush and cacti.

Fair and good grass.

Chains N.0° 02'W., bet. secs. 27 and 28.  
 Over nearly level land, through scattering undergrowth.  
 Descend slightly over W. slope to

6.00 Draw, course W.; ascend gradually over S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked

S28	S27
-----	-----

1939

raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Continue over nearly level land.  
 Ascend gradually over S. slope.

60.00 Top of ascent, bears E. and W. Thence over W. slope.

61.30 Cut bank wash, 35 lks. wide, 5 ft. deep, course W.  
 Ascend slightly over W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked

T38N	R9W
S21	S22
S28	S27

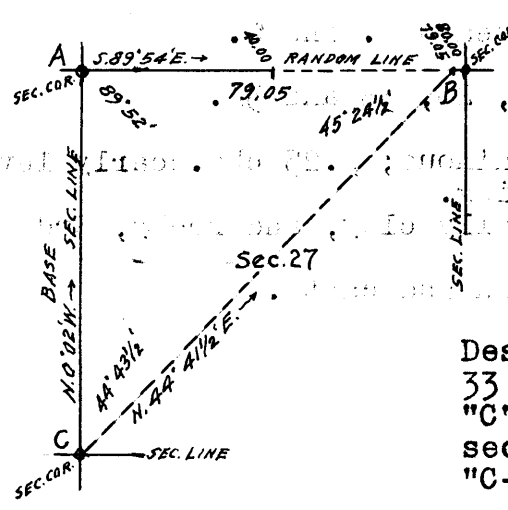
1939

raise a mound of stone, 2-ft. base, 1½ ft. high, W. of cor.

Land, nearly level.  
 Soil, sandy and gravelly, 2nd and 3rd rates.  
 Timber, none.  
 Undergrowth, sagebrush, Mormon tea and cacti.  
 Good grass.

S.89° 54' E., on random line, bet. secs. 22 and 27.

40.00 Set temp. ¼ sec. cor.  
 Discontinue chaining at this point as the line enters cliffs about 20 chs. to the East, over which chaining is impracticable.



To triangulate measurement of the random line to top of the cliffs, return to the cor. of secs. 21, 22, 27 and 28 which is designated as triangulation point "A".

Set a flag "B" on random line at top of cliffs, the vertical angle to which, from "A" = +8¼°.

Designate the cor. of secs. 27, 28, 33 and 34 as triangulation point "C" and use the sec. line bet. secs. 27 and 28 as the base, "C-A", N.0°02'W., 80.00 chs.

## Survey: Subdivision of T. 38 N., R. 9 W.

37

Chains	
	<p>From point "C" the flag "B" on random line at top of cliffs bears N. 44° 41½' E.</p> <p>Included angles of the triangle "A-B-C" are: 89°52', 45°24½', and 44°43½'; the sum of which is 180° 00'.</p> <p>Triangulated dist. "A" to "B" = 79.05 chs. S.89°54'E.</p>
79.05	Triang. point "B". Resume chaining and continue line and measurement.
80.00	Intersect the cor. of secs. 22, 23, 26 and 27.
	<p>Thence</p> <p>N.89° .54'W., on true line, bet. secs. 22 and 27.</p> <p>Over mountainous land, through scattering undergrowth. Descend slightly over W. slope to</p>
0.95	<p>Top of Hurricane Ledge, bears N. and S. Discontinue chaining at this point. Measurement to ¼ sec.cor. by triangulation hereinbefore described.</p> <p>Descend about 600 ft. over precipitous W. slope, cliffs and slide rock to</p>
20.00	(Approx.) Foot of precipitous W. slope, bears N. and S. Enter rolling land. Descend about 75 ft. over W. slope.
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked</p> <p style="text-align: center;"> <math display="block">\frac{S22}{S27}</math>             1939         </p> <p style="text-align: right;">raise a mound</p> <p>of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Resume chaining and continue line and measurement. Over rolling land. Descend 60 ft. over W. slope.</p>
49.80	Draw, course N.; ascend 13 ft. over E. slope.
53.00	Low spur, slopes N.; descend 50 ft. over W. slope to
67.00	<p>Foot of slope, bears N.30°W. and S.30°E.</p> <p>Enter nearly level land. Descend gradually over W. slope.</p>
76.10	Dim, ungraded road, bears N.20°W. and S. (Old Temple Road).
80.00	<p>The cor. of secs. 21, 22, 27 and 28.</p> <p>Land, E.20 chs. mountainous, W.13 chs. nearly level, and remainder rolling.</p> <p>Soil, rocky and gravelly, 4th and 3rd rates.</p> <p>Timber, none.</p> <p>Undergrowth, sagebrush. Poor grass in E.½ .Fair grass W.½.</p>
	<p>N.0° 02'W., bet. secs, 21 and 22.</p> <p>Over nearly level land, through scattering undergrowth. Along W. slope with slight change in elevation.</p>
6.50	Ungraded road, bears NW. and SE. (Old Temple Road).
32.40	Cut bank wash, 4 lks.wide, 4 ft.deep, course W. from SE.



Chains  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S21	S22
-----	-----

  
1939

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Continue over nearly level land  
Along W. slope with slight change in elevation.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked

T38N		R9W
S16	S15	
S21	S22	

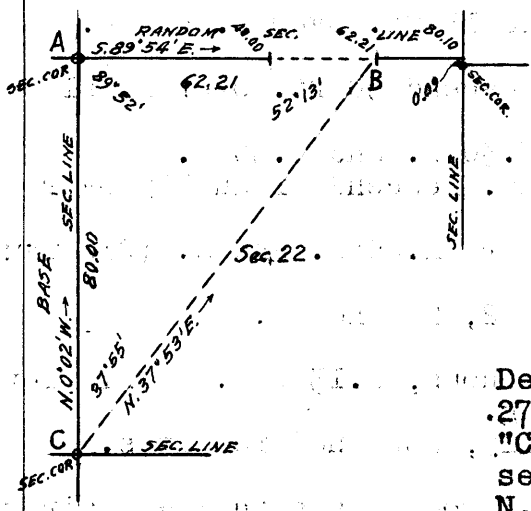
  
1939

raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, nearly level.  
Soil, gravelly clay, 2nd and 3rd rates.  
Timber, none.  
Undergrowth, sagebrush and Mormon tea.  
Good grass.

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

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
Discontinue chaining at this point as the line enters cliffs about 5 chs. to the East, over which chaining is impracticable.



To triangulate measurement of the random line to top of the cliffs, return to the cor. of secs. 15, 16, 21 and 22 which is designated as triangulation point "A".

Set a flag "B" on random line at top of cliffs; the vertical angle to which, from "A" is  $+11\frac{1}{2}^\circ$ .

Designate the cor. of secs. 21, 22, 27 and 28 as triangulation point "C" and use the sec. line bet. secs. 21 and 22 as the base "C-A" N.0°02'W., 80.00 chs.

From "C" the flag "B" on random line at top of cliffs bears N.37°53'E.

Included angles of the triangle "A-B-C" are: 89°52', 52°13', and 37°55'; the sum of which is 180°00'.

Triangulated dist. "A" to "B" = 62.21 chs. S.89°54'E.

62.21 Triang. point "B". Resume chaining and continue line and measurement.

## Survey: Subdivision of T. 38 N., R. 9 W.

39

Chains 80.10	Intersect N. and S. line 9 lks. N. of the cor. of secs. 14, 15, 22 and 23.  Thence N. 89° 50' W., on true line, bet. secs. 15 and 22.  Over rolling land, thru scattering undergrowth. Ascend slightly over E. slope.
0.60	Ridge, bears N. and SE., forming divide bet. Hurricane and Clayhole Washes. Enter mountainous land. Descend 194 ft. over SW. and W. slopes to
17.89	Top of Hurricane Ledge, bears N. and S. Discontinue chaining at this point. Measurement to $\frac{1}{4}$ sec. cor. by triangulation hereinbefore described. Descend about 600 ft. over precipitous, broken W. slope, cliffs and slide rock.
35.00	(Approx.) Bottom of ravine, 10 lks. wide, course SW., and foot of precipitous W. slope bearing N.10°W. and S.10°E. Enter rolling land. Ascend about 25 ft. over SE. slope.
37.00	(Approx.) Spur, slopes SW.; descend about 25 ft. over W. slope to
40.05	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked  $\begin{array}{r} S15 \\ \frac{1}{4} \\ \hline S22 \end{array}$  1939
	Resume chaining and continue line and measurement. Over rolling land. Descend 170 ft. over W. slope to
65.00	Enter nearly level land. Descend 40 ft. over W. slope to
80.10	The cor. of secs, 15, 16, 21 and 22.  Land, mountainous, rolling and nearly level. Soil, rocky 4th rate in E. 35 chs.; elsewhere gravelly clay, 3rd rate. Timber, none. Undergrowth, sagebrush. Poor grass in E. 35 chs. Fair grass in W. 45 chs.
	N. 0° 02' W., bet. secs. 15 and 16.  Over nearly level land, through scattering undergrowth. Along W. slope with slight change in elevation.
5.00	Wash, 8 lks. wide, course S.80°W.
11.90	Cut bank wash, 4 lks. wide, 6 ft. deep, course W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  $\begin{array}{r} \frac{1}{4} \\ S16 \quad   \quad S15 \\ \hline 1939 \end{array}$

Chains

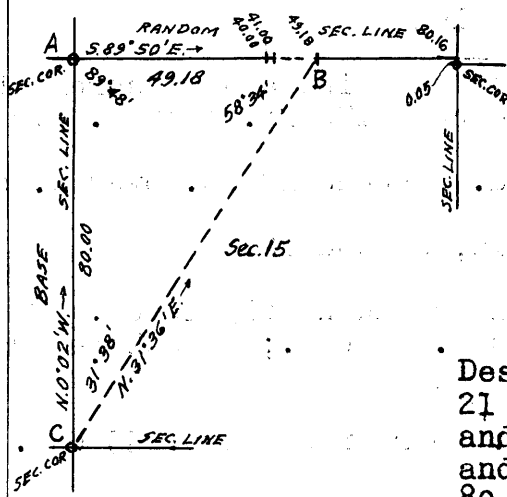
raise a mound  
of stone, 2 ft. base, 1½ ft. high, W. of cor.  
Continue over nearly level land.  
Over W. slope with slight change in elevation.  
45.90 Wash, 12 lks. wide, course S.80°W..  
63.00 Cut bank wash, 5 lks. wide, 5 ft. deep, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the  
ground, for cor. of secs. 9, 10, 15 and 16, with brass  
cap marked

T38N	R9W
S9	S10
S16	S15

1939

raise a mound  
of stone, 2½ ft. base, 2 ft. high, W. of cor.  
Land, nearly level.  
Soil, gravelly clay, 2nd and 3rd rates.  
Timber, none.  
Undergrowth, sagebrush and Mormon tea. Fair grass..

S. 89° 50' E., on random line, bet. secs. 10 and 15.  
40.00 Set temp. ¼ sec. cor.  
41.00 Discontinue chaining at this point which is at foot of  
precipitous W. slope and cliffs, over which chaining is  
impracticable.



To triangulate measurement of  
the random line to top of the  
cliffs, return to the cor. of  
secs. 9, 10, 15 and 16, which  
is designated as triangulation  
point "A".

Set a flag "B" on random line  
at top of cliffs, the vertical  
angle to which, from "A"  
is +10¼°

Designate the cor. of secs. 15, 16,  
21 and 22 as triangulation point "C"  
and use the sec. line bet. secs. 15  
and 16 as the base "C-A", N. 0° 02' W.,  
80.00 chs.

From "C" the flag "B" at top of cliffs on random line,  
bears N. 31° 36' E.

Included angles of the triangle "A-B-C" are: 89° 48',  
58° 34', and 31° 38'; the sum of which is 180° 00'.

Triangulated dist. "A" to "B" = 49.18 chs. S. 89° 50' E.

49.18 Triang. point "B". Resume chaining and continue line and  
measurement.  
80.16 Intersect N. and S. line 5 lks. N. of the cor. of secs.  
10, 11, 14 and 15.  
Thence  
N. 89° 48' W., on true line, bet. secs. 10 and 15.

Chains	Over rolling land, through scattering undergrowth. Ascend 23 ft. over E. slope.
5.30	Ridge, bears N.20°W. and S., forming divide bet. Hurricane and Clayhole Washes. Leave rolling and enter mountainous land. Descend 163 ft. over steep SW. slope.
11.00	Head of drain, course SW., and foot of steep SW. slope. Descend 58 ft. over broken S. slope.
21.90	Ravine, course S. for 5.00 chs. where it joins another ravine course W. and breaking through Hurricane Ledge. Ascend 10 ft. over E. slope.
30.98	Hurricane Ledge, bears N.15°W. and S. <del>Discontinue</del> chaining. Measurement by triangulation hereinbefore described. Descend 270 ft. over cliffs and sliderock on precipitous W. slope.
39.16	Foot of cliffs, bears N. and S. Enter rolling land. Resume chaining and continue line and measurement. Descend 6 ft. over W. slope to
40.08	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S10}{S15}$
	1939
	Descend 20 ft. over W. slope to
50.16	Top of cliff, 25 ft. high, bearing N.20°W. and S.20°E. Enter mountainous land. Descend 300 ft. over steep, broken SW. slope.
67.66	Wash, 15 lks. wide, course S.60°E.; <del>Enter rolling land.</del> Ascend 20 ft. over SE. slope.
68.36	Top of ascent. Descend 46 ft. over SW. slope to
80.16	The cor. of secs. 9, 10, 15 and 16.  Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, sagebrush. Poor grass.
	N. 0° 02' W., bet. secs. 9 and 10.  Over rolling land, through scattering undergrowth. Ascend 30 ft. over SW. slope.
6.50	Spur, slopes SW.; descend 25 ft. over W. slope.
10.80	Bend in wash, 10 lks. wide, course SW. from N.20°W. Ascend 48 ft. over broken W. slope.
23.60	Bend in same wash bears W. 30 lks. dist., at which the wash turns from NW. to S.10°W., and at 3.00 chs. NW. is another bend in same wash, from N. to SE. Ascend 93 ft. over SW. slope to
37.00	Foot of steep slope, bears NW. and SE. Enter mountainous land. Ascend 40 ft. over steep SW. slope to

Chains 40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"> <math>\frac{1}{4}</math>            S9   S10            1939         </p> <p>raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Ascend 304 ft. over steep, rocky SW. slope.</p>
60.00	<p>Bend in spur, sloping S.20°E. from N.80°E. Descend 21 ft. over gradual NW. slope to</p>
63.42	<p>Top of steep slope, bears NE. and SW. Descend 105 ft. over steep NW. slope.</p>
76.30	<p>Ravine, 3 lks. wide, course W.; ascend 100 ft. over steep SW. slope to</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked</p> <p style="text-align: center;">           T38N R9W            S4   S3            S9   S10            1939         </p> <p>raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Land, rolling and mountainous. Soil, rocky and gypsum, 4th rate. Timber, none. Undergrowth, sagebrush, Mormon tea and algerita. Poor grass.</p>
	<p>S. 89° 48' E., on random line, bet. secs. 3 and 10.</p>
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
80.20	<p>Intersect N. and S. line 7 lks. S. of the cor. of secs. 2, 3, 10 and 11</p> <p>Thence</p> <p>N. 89° 51' W., on true line, bet. secs. 3 and 10.</p> <p>Over rolling land, through scattering undergrowth. Ascend slightly over E. slope.</p>
1.50	<p>Low spur, slopes N.20°E.; descend gradually over W. slope.</p>
6.30	<p>Ungraded road, bears N.6°W. and S.6°E., from Mt. Trumbull to Hurricane.</p>
6.70	<p>Shallow draw, course N.; ascend 90 ft. over E. slope to</p>
40.10	<p>Set an iron post, 3 ft. long, 1 in. diam., on exposed bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p>

Survey: Subdivision of T. 38 N., R. 9 W.

43

Chains.

$$\frac{1}{4} \frac{S3}{S10}$$

1939

Ascend 52 ft. over E. slope.

57.80 Ridge, divide bet. Hurricane and Clayhole Washes, bears N. 20° W. and S. 20° E.; descend 134 ft. over steep, rocky SW. slope.

63.40 Foot of steep slope. Thence over slight W. slope to

73.15 Top of Hurricane ~~Ledge~~, cliffs 100 ft. high, bears N. 20° W. and S. 20° E.; descend 130 ft. over steep W. slope.

74.70 Ravine, course S. 80° W.; continue descent 95 ft. over steep, rocky SW. slope.

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

Land, E. 58 chs. rolling, remainder mountainous.

Soil, rocky, 4th. rate.

Timber, none; undergrowth, sagebrush, Mormon tea, algerita and a good growth of native grass.

N. 0° 15' W.; on a random line, bet. secs. 3 and 4.

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

79.77 Intersect N. bdy. of tp., at the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence

S. 0° 15' E., on true line, bet. secs. 3 and 4.

Over rolling land, through scattering undergrowth; descend gradually along W. slope.

2.47 Ravine, course NW.; ascend 83 ft. over NW. slope.

11.97 Ridge, divide bet. Hurricane and Clayhole Washes, bears N. 60° E. and S. 60° W.; descend 17 ft. over S. slope.

16:37 Ravine, course N. 70° E.; thence along E. slope.

22.47 Ravine, course NE.; ascend 40 ft. over NW. slope.

30.97 Spur, slopes NE.; descend gradually.

39.77 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S4 \quad | \quad S3 \\ | \\ 1939 \end{array}$$

raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Ascend gradually over NE. slope.

51.43 Ridge, divide bet. Hurricane and Clayhole Washes, bears NW. and SE.; descend 84 ft. over SW. slope.

## Chains.

54.50 Foot of steep descent, bears NW. and SE.; continue descent 97 ft. over SW. slope.

69.37 Top of Hurricane Ledge, bears NW. and SE.; descend 194 ft. over steep, rocky SW. slope.

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

Land, rolling and mountainous.

Soil, rocky and gypsum, 3rd. and 4th. rates.

Timber, scattering juniper; undergrowth, sagebrush, Mormon tea, algerita and a good growth of native grass.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of tp., established under this group, described in the field notes of the N. bdy. of T. 37 N., R. 9 W.

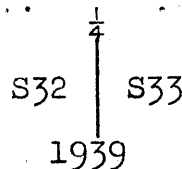
N. 0° 03' W., bet. secs. 32 and 33.

Over gently rolling land, through scattering undergrowth; descend 35 ft. over NE. slope.

21.60 Dim, ungraded road, bears NW. and SE.

28.00 Dim, ungraded road, bears N. 70° W. and S. 70° E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

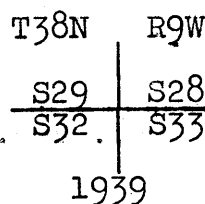


raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Descend 29 ft. over gradual NE. slope.

72.00 Ungraded road, bears E., 50 lks. dist. Road bears N. and S. 10° E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 28, 29, 32 and 33, with brass cap marked



raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, gently rolling.

Soil, sandy clay, 3rd. rate.

Timber, none; undergrowth, sagebrush and cacti, with a good growth of native grass.

## Survey: Subdivision of T. 38 N., R. 9 W.

45

## Chains.

East, on a random line, bet. secs. 28 and 33.

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

79.94 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence

N. 89° 56' W., on true line, bet. secs. 28 and 33.

Over nearly level land, through scattering undergrowth.

41.00 ~~Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the~~39.97 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor.; with brass cap marked
$$\begin{array}{r} \text{S28} \\ \hline \text{S33} \end{array}$$

1939

raise a mound  
of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Continue over nearly level land.

79.80 Ungraded road, bears N. and S.

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

Land, nearly level.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, Mormon tea, sagebrush, cacti and a good growth of native grass.

N. 0° 03' W., bet. secs. 28 and 29.

Over nearly level land, through scattering undergrowth; descend 19 ft. over NE. slope.

17.00 Ungraded road, bears E. and W.; 30 lks. E. to junction with road, bears N. and S.

20.20 Ungraded road, bears N. 5° W. and S. 1° E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S29} \quad | \quad \text{S28} \end{array}$$

1939

raise a mound  
of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

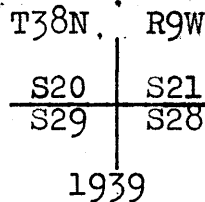
Continue over gently rolling land.

42:00 Wide draw, course NW.



## Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 20, 21, 28 and 29, with brass cap marked



raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, gently rolling.  
Soil, sandy clay, 2nd. rate,  
Timber, none; undergrowth, sagebrush and a good growth of native grass.

S. 89° 56' E., on a random line, bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

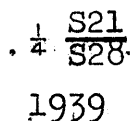
79.96 Intersect N. and S. line, 11 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence

S. 89° 59' W., on true line, bet. secs. 21 and 28.

Over nearly level land; through scattering undergrowth; descend 52 ft.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked



raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Ascend 40 ft. over gently rolling W. slope.

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

Land, gently rolling.  
Soil, gravelly clay, 3rd. rate.  
Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

N. 0° 03' W., bet. secs. 20 and 21.

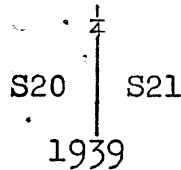
Over gently rolling land, through scattering undergrowth; descend 11 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked

Survey: Subdivision of T. 38 N., R. 9 W.

47

Chains.



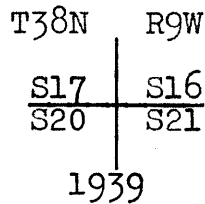
raise a mound  
of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Continue descent 11 ft. over nearly level land.

43.50 Dim, ungraded road, bears N.  $60^\circ$  E. and S.  $60^\circ$  W.

60.00 Flat draw, course N.  $60^\circ$  W.; ascend 11 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 16, 17, 20 and 21, with brass cap marked



raise a mound  
of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

N.  $89^\circ 59'$  E., on a random line, bet. secs. 16 and 21.

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

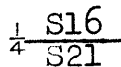
79.92 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence

S.  $89^\circ 58'$  W., on true line, bet. secs. 16 and 21.

Over nearly level land, through low, scattering undergrowth; descend 77 ft. over W. slope.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



1939

raise a mound  
of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Descend 49 ft. over SW. slope.

40.22 Ungraded road, bears N.  $20^\circ$  W. and S.  $20^\circ$  E. (Old Temple Road).

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

Chains.

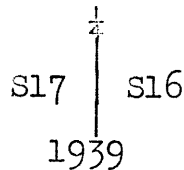
Land, gently rolling.  
Soil, gravelly clay, 3rd. rate.  
Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

N.  $0^{\circ} 03'$  W., bet. secs. 16 and 17.

Over gently rolling land, through scattering undergrowth, ascend 18 ft. over SW. slope.

30.00 Flat draw, course S.  $70^{\circ}$  W.; continue over gently rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

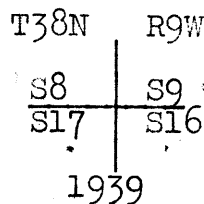


raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Descend 11 ft. over gently rolling land.

79.40 Ungraded road, bears N.  $10^{\circ}$  W. and S.  $10^{\circ}$  E. (Old Temple Road)

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 8, 9, 16 and 17, with brass cap marked



raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Land, gently rolling.  
Soil, gravelly clay, 3rd. rate.  
Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

N.  $89^{\circ} 58'$  E., on a random line, bet. secs. 9 and 16.

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

79.94 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence

S.  $89^{\circ} 59'$  W., on true line, bet. secs. 9 and 16.

Over rolling land, through undergrowth; descend 23 ft. over SW. slope.

Survey: Subdivision of T. 38 N., R. 9 W.

Chains 5.04	Wash, 20 lks. wide, course SW.; ascend gradually over SE. slope.
25.44	Spur, slopes SW., near point of same; descend 95 ft. over broken W. slope to .
39.97	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S9}{S16}$
	1939
	raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Descend 40 ft. over SW. slope.
50.94	Wash, 10 lks. wide, course NW. Thence over gently rolling land; ascend gradually over NE. slope to
79.94	The cor. of secs. 8, 9, 16 and 17.  Land, rolling. Soil, gravelly and rocky, 3rd and 4th rates. Timber, none. Undergrowth, sagebrush and cacti. Fair grass.
	N. 0° 03' W., bet. secs. 8 and 9. Over gently rolling land, through scattering undergrowth. Descend 40 ft. over NE. slope.
24.40	Ungraded road, bears NW. and SE.
35.00	Shallow draw, course NW.; ascend gradually over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S8}{S9}$
	1939
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Ascend 38 ft. over SW. slope.
70.00	Low spur, slopes W.; descend 12 ft. over broken NE. slope.
76.10	Rocky wash, 15 lks. wide, course NW.; ascend 8 ft. over SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked
	$\begin{array}{c c} S5 & S4 \\ \hline S8 & S9 \end{array}$
	1939

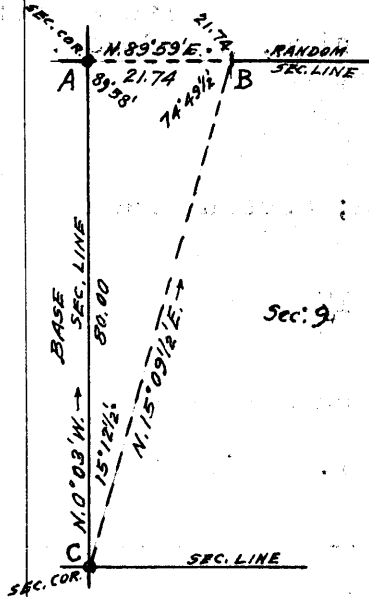
Chains

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

Land, gently rolling.  
Soil, sandy clay, 3rd rate.  
Timber, none.  
Undergrowth, sagebrush and cacti. Good grass.

N. 89° 59' E., on random line, bet. secs. 4 and 9.

Chaining is impracticable owing to cliffs, therefore triangulate measurement of the random line across the cliffs as follows:



Designate the cor. of secs. 4, 5, 8 and 9 as triangulation point "A".

Set flag "B" ahead on random line at top of cliffs, the vertical angle to which, from "A", is 20°.

Designate the cor. of secs. 8, 9, 16 and 17 as triang. point "C" from which flag "A" bears N. 15° 09 1/2' E.

Use the sec. line bet. secs. 8 and 9 as a base (C-A) N. 0° 03' W., 80.00 chs.

Included angles of the triangle "A-B-C" are: 89° 58', 74° 49 1/2' and 15° 12 1/2'; the sum of which is 180° 00'.

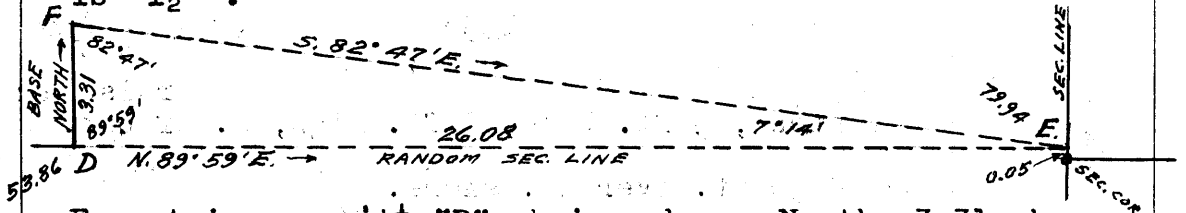
Triangulated dist. "A" to "B" = 21.74 chs. N. 89° 59' E.

21.74 Triang. point "B". Begin chaining and continue line and measurement

40.00 Set temp. 1/4 sec. cor.

53.86 Discontinue chaining at this point owing to precipitous broken slopes in a gulch ahead. Triangulate measurement of remainder of random sec. line as follows:

Designate 53,86 ch. station as triang. point "D" and set flag "E" ahead on random line at 5 lks. N. of the cor. of secs. 3,4,9 and 10, the vertical angle to which is -1 1/2°.



From triang. point "D" chain a base, North, 3.31 chs. to point "F", from which the flag "E" bears S. 82° 47' E. It was impracticable to obtain a longer base for this triangulation, owing to character of the surface, and lack of visability from remote points.

Included angles of the triangle "D-E-F" are: 89° 59', 7° 14' and 82° 47'; the sum of which is 180° 00'.

Triang. and chained dist. to "D" = 53.86 chs. N. 89° 59' E.  
Triang. dist. "D" to "E" = 26.08 "

Total length of random line = 79.94 chs.

## Survey: Subdivision of T. 38 N., R. 9 W.

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Chains	
79.94	Intersect N. and S. line 5 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	Thence
	N. 89° 59' W., on true line, bet. secs. 4 and 9.
	Over mountainous land, through scattering undergrowth. Measurement to 26.00 ch. station by triangulation as hereinbefore described.
	Descend about 200 ft. over precipitous, broken SW. slope.
13.00	(Approx.) Bottom of rocky gulch, course S. Ascend about 245 ft. over cliffs, sliderock and precipitous SE. slope to
26.08	Spur, slopes SW. Begin chaining and continue line and measurement. Descend 107 ft. over broken W. slope.
33.73	Ungraded road, bears N. 30° E. and S. 30° W.
39.90	Short ravine, course N., near head. Ascend slightly to
39.97	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{84}{39}$
	1939
	Ascend 15 ft. over NE. slope.
41.43	Point of spur, slopes N.; descend 71 ft. over NW. slope.
46.43	Ravine, course S. 60° W.; descend 20 ft. over S. slope.
48.47	Same ravine, course NW.; ascend 37 ft. over NE. slope.
51.33	Point of spur, slopes N.; descend 148 ft. over NW. slope.
55.23	Same ravine, course S. 50° W.; ascend 65 ft. over SE. slope.
57.43	Spur, slopes S. 50° W., thence across top of spur.
58.20	Top of cliffs, bearing NE. and SW. Leave top of spur. Discontinue chaining. Measurement to sec. cor. by triangulation hereinbefore described. Descend about 460 ft. over cliffs and steep W. slope to
76.00	(Approx) Foot of cliffs and steep W. slope. Leave mountainous, and enter gently rolling land. Descend gradually over W. slope to
79.94	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous, except W. 4 chs. which is gently rolling. Soil, rocky, 4th rate. Timber, none. Undergrowth, sagebrush, algerita and cacti.

Chains	
	N. 0° 15' W., on random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.61	Intersect N. bdy. of Tp. 9 lks. E. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
	Thence
	S. 0° 19' E., on true line, bet. secs. 4 and 5.
	Over mountainous land, through scattering undergrowth. Descend 78 ft. over SW. slope.
7.70	Ravine, course E., turning to S. at about 6 chs. E. of this point. Ascend 60 ft. over NE. slope.
19.00	Spur, slopes S. from N.20°W.; descend 380 ft. along top of spur to
35.00	Leave top of spur, sloping W. from N.; descend 116 ft. over steep S. slope.
38.60	Rocky ravine, course W.; ascend 70 ft. over steep N.slope.
39.61	True point for $\frac{1}{4}$ sec. cor. is on precipitous slope where it is impracticable to monument the cor., therefore establish witness cor. on line at 50 lks. S.0°19'E.
40.11	Set an iron post, 3 ft. long, $\frac{1}{2}$ in. diam., 27 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked
	W C $\frac{1}{4}$ S5   S4 1939
	raise a mound
	of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Ascend 80 ft. over steep broken NW. and W. slopes to
60.00	Leave mountainous land, and enter gently rolling land. Descend gradually over W. and SW. slopes to
79.61	The cor. of secs. 4, 5, 8 and 9.
	Land, N.60 chs. mountainous; remainder, gently rolling. Soil, rocky and gypsum, 3rd and 4th rates. Timber, none. Undergrowth, sagebrush, Mormon tea and cacti. Fair grass.
	From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of the Tp., established under this group as described in field notes of survey of N. bdy. of T.37 N.,R.9 W.,
	N. 0° 03' W., bet. secs. 31 and 32.
	Over rolling land, through scattering undergrowth. Descend 85 ft. over NE. slope.
22.00	Ungraded road, bears NW. and SE.

Chains.	<p>38.00 Draw, in wide valley, course NE.; continue over gently rolling land.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <p style="margin: 0;">S31   S32 ↑ 1/4 1939</p> </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2<math>\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Continue over rolling land.</p> <p>47.80 Ungraded road, bears E. and W.</p> <p>71.30 Ungraded road, bears N. 75° E. and S. 75° W.</p> <p>75.00 Draw, course SE.; ascend gradually over SW. slope.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 29, 30, 31 and 32, with brass cap marked</p> <div style="text-align: center;"> <p style="margin: 0;">T38N    R9W   S30    S29 —+— S31    S32   1939</p> </div> <p style="text-align: right;">raise a mound of stone, 2<math>\frac{1}{2}</math> ft. base, 2<math>\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Land, rolling. Soil, gravelly clay; 3rd. rate. Timber, none; undergrowth, sagebrush, spanish dagger and a fair growth of native grass.</p>
	<p>East, on a random line, bet. secs. 29 and 32.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>80.08 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 28, 29, 32 and 33.</p> <p>Thence</p> <p>N. 89° 59' W., on true line, bet. secs. 29 and 32.</p> <p>Over rolling land, through scattering undergrowth; ascend gradually over E. slope.</p> <p>40.04 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <p style="margin: 0;">1/4 S29   S32 1939</p> </div> <p style="text-align: right;">raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high, N. of cor.</p>



54.

Survey: Subdivision of T. 38 N., R. 9 W.

Chains.

Ascend 5 ft. over rolling E. slope.

42.80 Top of ascent, bears N. and S.; descend 28 ft. over W. slope.

44.90 Draw, course NE.; ascend 94 ft. over E. slope.

45.40 Ungraded road, bears NE. and SW.

54.83 Detached spur, slopes S., thence along choppy S. slope.

64.18 Descend 57 ft. over SW. slope.

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

Land, rolling.

Soil, gravelly clay, 2nd. and 3rd. rates.

Timber, none; undergrowth, Mormon tea, sagebrush, cacti and a good growth of native grass.

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

Over rolling land, through scattering undergrowth.

4.80 Draw, course SE.; ascend 30 ft. over gradual NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S30}{S31}$$

1939

Ascend 75 ft. over NE. slope.

47.90 Ungraded road, bears NW. and SE.

65.00 Low ridge, bears NE. and SE.; descend 10 ft.

72.20 Draw, course NE.; ascend 40 ft. over NE. and S. slopes.

72.50 Ungraded road, bears N. 15° E. and S. 15° W.

77.48 Intersect W. bdy. of tp., 3:94 chs. S. of the cor. of secs. 35 and 36 only, hereinbefore described.

Set an iron post, 3 ft. long; 2 ins. diam., 10 ins. in the ground, for bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for closing cor. of secs. 30 and 31, with brass cap marked

T38N  
R10W R9W

S36. | S30 CC  
          | S31

1939

Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, spanish dagger and a fair growth of native grass.

Survey: Subdivision of T. 38 N., R. 9 W.

55

Chains.

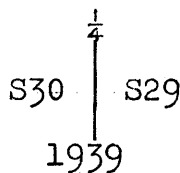
From the cor. of secs. 29, 30, 31 and 32.

N. 0° 03' W., bet. secs. 29 and 30.

Over gently rolling land, through scattering undergrowth.

9.50 Leave gently rolling, enter rolling land, bears NW. and SE., ascend 90 ft. over SW. slope.

21.00 Spur, slopes SE.; descend 40 ft. over NE. slope.

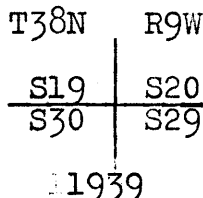
40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

raise a mound  
of stone, 2½ ft. base, 2½ ft. high, W. of cor.

Thence over gentle NE. slope.

66.90 Ungraded road, bears N. 60° E. and S. 60° W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 19, 20, 29 and 30, with brass cap marked



raise a mound  
of stone, 3 ft. base, 2½ ft. high, W. of cor.

Land, gently rolling and rolling.

Soil, gravelly and rocky clay, 3rd. and 4th. rate.

Timber, none; undergrowth, sagebrush, spanish dagger and a fair growth of native grass.

S. 89° 59' E., on a random line, bet. secs. 20 and 29.

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

80.10 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence

N. 89° 58' W., on true line, bet. secs. 20 and 29.

Over nearly level land, through scattering undergrowth.

21.60 Ungraded road, bears N. 30° W. and S. 30° E.

24.00 Draw, course N.; ascend gradually.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to bedrock and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

Chains.

$$\frac{1}{4} \frac{S20}{S29}$$

1939

Ascend gradually over NE. slope.

49.10 Ungraded road, bears NE. and S. 80° W.

80.10 The cor. of secs. 19, 20, 29 and 30.

Land, nearly level.

Soil, gravelly, 2nd. and 3rd. rates.

Timber, none; undergrowth, Mormon tea, sagebrush, cacti and a good growth of native grass.

West, on true line, bet. secs. 19 and 30.

Over rolling land, through scattering undergrowth; ascend 116 ft. over NE. slope.

11.00 Road, bears N. and S.

27.95 Low, broken ridge, bears NW. and SE.; descend 92 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S19}{S30}$$

1939

raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Descend gradually.

47.30 Draw, in bottom of long valley, drains NW.; ascend gradually over NE. slope.

77.32 Intersect W. bdy. of tp., 3.90 chs. S. of the cor. of secs. 24 and 25 only, hereinbefore described.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the closing cor. of secs. 19 and 30, with brass cap marked

T38N	T38N	
	R9W	
R10W	S19	CC
	S30	
S25		
		1939

raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, rolling.

Soil, gravelly, 3rd. rate.

Timber, none; undergrowth, sagebrush, Mormon tea and a fair growth of native grass.

Survey: Subdivision of T. 38 N., R. 9 W.

57

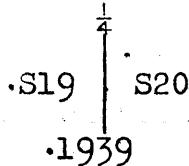
Chains.

From the cor. of secs. 19, 20, 29 and 30.

N. 0° 03' W., bet. secs. 19 and 20.

Over nearly level land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



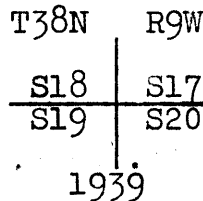
raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Continue over nearly level land.

60.00 Ungraded road, bears NE. and SW.

70.00 Wide draw, course NE.; ascend gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 17, 18, 19 and 20, with brass cap marked



raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, gravelly and rocky clay, 3rd. and 4th. rate.

Timber, none; undergrowth, sagebrush, cacti and a fair growth of native grass.

S. 89° 58' E., on a random line, bet. secs. 17 and 20.

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

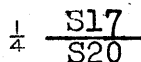
80.08 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence

N. 89° 56' W., on true line, bet. secs. 17 and 20.

Over nearly level land, through scattering undergrowth; descend gradually.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



1939

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Survey: Subdivision of T. 38 N., R. 9 W.

58

Chains.

Descending gradually over nearly level land.

- 52.48 Ungraded road, bears NW. and SE.
- 57.38 Long, shallow draw, course NE; ascend gradually.
- 74.18 Ungraded road, bears NE. and SW.
- 80.08 The cor. of secs. 17, 18, 19 and 20.

Land, nearly level.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

West, on true line, bet. secs. 18 and 19.

Over rolling land, through scattering undergrowth; ascend 45 ft. over gradual NE. slope.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S18}{S19}$$

1939

raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 2 ft. high, N. of cor.

Ascend 150 ft. over NE. slope.

- 77.22 Intersect W. bdy. of tp., 4.00 chs. S. of the cor. of secs. 13 and 24 only, hereinbefore described.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the closing cor. of secs. 18 and 19, with brass cap marked

$$\begin{array}{c} T38N \\ R10W \quad R9W \\ S24 \quad \left| \quad \frac{S18}{S19} \quad cc \end{array}$$

1939

raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, E. of cor.

Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, cacti and a fair growth of native grass.

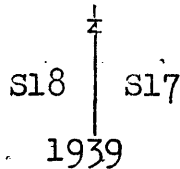
From the cor. of secs. 17, 18, 19 and 20.

N.  $0^{\circ}$  03' W., bet. secs. 17 and 18.

Over rolling land, through scattering undergrowth; descend gradually over NE. slope.

Chains.

38.00 Wide draw, course NW.; ascend gradually.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

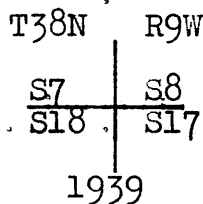
raise a mound  
of stone, 2 $\frac{1}{2}$  ft. base, 2 $\frac{1}{2}$  ft. high, W. of cor.

Ascend 35 ft. over gradual SW. slope.

43.10 Ungraded road, bears NW. and SE.

70.00 Low ridge, bears N. and SE., thence along ridge.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked



raise a mound  
of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, W. of cor.

Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, cacti and a fair growth of native grass.

S. 89° 56' E., on a random line, bet. secs. 8 and 17.

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

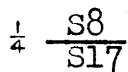
80.12 Intersect N. and S. line, at the cor. of secs. 8, 9, 16 and 17.

Thence

N. 89° 56' W., on true line, bet. secs. 8 and 17.

Over nearly level land, through scattering undergrowth; descend gradually.

0.30 Ungraded road, bears N. 20° W. and S. 20° E. (Old Temple Road).

40.06 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

1939

raise a mound  
of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Chains.

Descend gradually.

66.00 Draw, course N.; ascend gradually.

80.10 Low ridge, bears N. and S.

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

Land, nearly level and rolling.

Soil, gravelly clay, 2nd. and 3rd. rate.

Timber, none; undergrowth, sagebrush, cacti and a fair growth of native grass.

West, on true line, bet. secs. 7 and 18.

Over rolling land, through scattering undergrowth; descend 30 ft. over gradual W. slope.

21.00 Ungraded road, bears N. 20° W. and S. 20° E.

24.30 Long draw, course N. 20° W.; ascend 20 ft. over rolling NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S7}{S18}$$

1939

raise a mound  
of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

Ascend gradually over rolling land.

77.11 Intersect W. bdy. of tp., 4.08 chs. S. of the cor. of secs. 12 and 13 only, hereinbefore described.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 7 and 18, with brass cap marked

T38N	T38N
R10W	R9W
S13	$\frac{S7}{S18}$

1939

raise a mound  
of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, rolling.

Soil, gravelly clay, 2nd. and 3rd. rate.

Timber, none; undergrowth, Mormon tea, sagebrush, cacti and a good growth of native grass.

From the cor. of secs. 7, 8, 17 and 18.

N. 0° 03' W., bet. secs. 7 and 8.

## Survey: Subdivision of T. 38 N., R. 9 W.

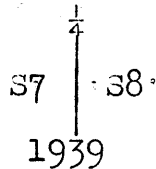
61

Chains.

Over rolling land, through scattering undergrowth; along top of low ridge.

6.50 Leave ridge, bears NW. and S.; descend gradually over NE. slope.

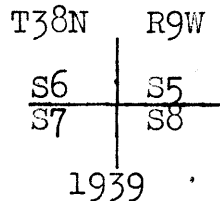
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground; for  $\frac{1}{4}$  sec. cor., with brass cap marked



raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

Thence over nearly level land.

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



raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

Land, rolling and nearly level.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

S.  $89^{\circ} 56'$  E., on a random line, bet. secs. 5 and 8.

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

80.12 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence

N.  $89^{\circ} 55'$  W., on true line, bet. secs. 5 and 8.

Over rolling land through scattering undergrowth; descend 130 ft. over SW. slope.

28.52 Ungraded road, bears NW. and SE.

35.42 Wide draw. course NW.; ascend gradually.

36.00 Ungraded road, bears NW. and SE. (Old Temple Road).

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



Chains.

 $\frac{1}{4} \frac{S5}{S8}$ 

1939

raise a mound  
of stone, 2½ ft. base, 2 ft. high, N. of cor.

Thence over gently rolling land.

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

Land, rolling and gently rolling.  
Soil, gravelly clay, 2nd. and 3rd. rate.  
Timber, none; undergrowth, sagebrush, spanish dagger and  
a good growth of native grass.

West, on true line, bet. secs. 6 and 7.

Over gently rolling land, through scattering undergrowth;  
ascend gradually over NE. slope.

20.00 Low ridge, bears N. and S.; descend gradually over gentle  
W. slope.

37.00 Draw, course N.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the  
ground, for ¼ sec. cor., with brass cap marked

 $\frac{1}{4} \frac{S6}{S7}$ 

1939

raise a mound  
of stone, 2½ ft. base, 2 ft. high, N. of cor.

Descend gradually over rolling W. slope.

59.30 Ungraded road, bears N. 20° W. and S. 20° E.

65.00 Draw, course N.; ascend gradually over gentle NE. slope.

76.89 Intersect W. bdy. of tp., 4.01 chs. S. of the cor. of secs.  
1 and 12 only, hereinbefore described.

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

T38N	T38N
R10W	R9W
S12	$\frac{S6}{S7}$ CC

1939

raise a mound  
of stone, 2½ ft. base, 2 ft. high, E. of cor.

Land, gently rolling.  
Soil, gravelly clay, 3rd. rate.  
Timber, none; undergrowth, sagebrush, spanish dagger and

Chains	From the cor. of secs. 5, 6, 7 and 8, N.0° 19' W., on random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.60	Intersect the N. bdy. of the Tp., 7 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.
	Thence, S.0° 16' E., on true line, bet. secs. 5 and 6. Over gently rolling land, through scattering undergrowth. Ascend gradually over NE. and E. slopes to
39.60	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S6   S5 1939
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Continue over gently rolling land. Ascend gradually over E. slope to
79.60	The cor. of secs. 5, 6, 7 and 8. Land, gently rolling. Soil, gravelly clay, 2nd and 3rd rates. Timber, none. Undergrowth, sagebrush, spanish dagger, and cacti. Good grass.

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 GENERAL DESCRIPTION.  
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This township has a variety of surface conditions, The eastern portion lies on a high plateau, the western rim of which is the Hurricane Ledge, the top of a series of cliffs, extending in a general N. and S. direction, through secs. 3, 4, 10, 15, 22, 26, 27 and 35, with a height from 700 to 1000 ft. above the valley to the west. This plateau is a rolling table land, with the exception of Antelope Knoll, which is located in the SE.  $\frac{1}{4}$  of sec. 13 and the NE.  $\frac{1}{4}$  of sec. 24. The western portion is rolling valley land, with a few detached spurs and hills. The average elevation of the land on the plateau is about 5000 ft. above sea level, and that of the valley land of the township in the western portion is about 4200 ft. above sea level. The soil ranges through sandy, gravelly and rocky clay, with some gypsum, 2nd, 3rd, and 4th rates.

There is no permanent flowing water in any part of the township. The drainage system consists of numerous washes, drains, draws, and ravines, general course northerly, and all are periodically dry. The only water storage facility in the township at this time is what is known as the Temple Trail Tank, located in NW  $\frac{1}{4}$  of sec. 36, but which was dry at the time of the survey of the township.

There is a fair to good growth of native grasses, suitable for grazing, over the greater portion of the area, and at periodical seasons a considerable number of cattle and sheep graze over the township. Stock raising is the prin-

cipal industrial activity being carried on in the township at this time.

An ungraded road, from Mt. Trumbull to Hurricane, Utah, extends in a general northerly southerly direction, through secs. 2, 3, 10, 11, 14, 23, 26, 35 and 36, and in the valley to the west of the Hurricane Ledge an old road, same bearing, known as the Temple Road, now little used, extends through the township. A number of other unimproved roads, mainly used periodically by stockmen, are located in the west half of the township.

There is very little timber in this township. Very scattering growths of piñon and juniper were observed in the broken land adjacent to the Hurricane Ledge.

There is a scattering undergrowth of sagebrush, Mormon tea, spanish dagger, and various species of cacti over all parts, and a number of kinds of grasses.

There are no settlers residing in this township at this time, no houses, fences, or similar improvements.

No evidence of valuable mineral deposits was observed in the township during the survey.

#### FINAL FIELD TESTS OF INSTRUMENTS.

at station Buff and Buff transit No. 16723, Latitude 36° 31' N. Horace M. Muscott, Surveyor; July 23, 1939;

at station in camp near center of sec. 16; T. 36 N., R. 9 W. examine the adjustments of Buff and Buff transit No. 16723 and find no errors. Latitude at this station is 36° 31' N., and the longitude is 113° 16' W. True meridian determined by Polaris observation July 11, 1939, as described in field notes of survey of T. 37 N., R. 9 W., executed under this group. Test the solar apparatus of this instrument on such true meridian as follows:

At 9h 00m., a.m., app.t., set off 36° 31' N. on the lat. arc; 20° 11' N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of 20° 09' N. on the decl. arc, which agrees with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off 20° 08' N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within 1' 30" of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, and that it has remained in such condition throughout the surveys executed with same which are described in the foregoing field notes.

Buff and Buff transit No. 9984  
Claude F. Warner, Transitman.

July 23, 1939;

at same station where the preceding instrument tests were made, examine the adjustments of Buff and Buff transit No. 9984 and find no errors, then, to test the solar apparatus of same by comparing its indications with the true meridian determined at this station on July 11, 1939, proceed as

follows:

At 9h. 00m., a.m., app.t., set off  $36^{\circ}31\frac{1}{2}'N.$  on the lat. arc;  $20^{\circ}11'N.$  on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $20^{\circ}09'N.$  on the decl. arc, which agrees with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off  $20^{\circ}08'N.$  on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, and that it has remained in such condition throughout the surveys executed with same which are described in the foregoing field notes.

-----  
 Young and Sons' transit No.8526.  
 Frank Moteh, Public Land Surveyor.  
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July 23, 1939:

at same station where the two preceding instrument tests were made, examine the adjustments of Young and Sons' transit No.8526 and find no errors. Then, to test the solar apparatus of same by comparing its indications with the true meridian determined at this station by Polaris observations on July 11, 1939, as described in field notes of survey of T.37 N., R.9 W., executed under this group, proceed as follows:

At 9h. 00m., a.m., app.t., set off  $36^{\circ}31\frac{1}{2}'N.$  on the lat. arc;  $20^{\circ}11'N.$  on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged; observe the sun on the meridian and obtain a reading of  $20^{\circ}09'N.$  on the decl. arc, which agrees with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off  $20^{\circ}08'N.$  on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, and that it has remained in such condition throughout the surveys executed with same which are described in the foregoing field notes.

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(67)

BOOK 4258

4-680  
(Revised May 1934)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS  
to  
Frank Motch, Public Land Surveyor.

NAMES	CAPACITY
Thornton Fitzhugh,	Principal Assistant.
Rulon F. Westover,	Chainman.
Stanley C. Turner,	Flagman.
Alfred Figueira Jr.	Cornerman
Frank Doner Jr.	Axeman.
Winfield S. Wardell 3rd.	Axeman.

BOOK 4258

CERTIFICATE OF SURVEYOR

I, Frank Motosh, Public Land Surveyor, HEREBY CERTIFY upon honor that, in pursuance of supplemental special instructions bearing date of the 30th day of April, 1936, received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939, I have surveyed part of the Subdivisional lines of Township 38 North, Range 9 West

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Ariz. March 7, 1940. Frank Motosh Public Land Surveyor.

CERTIFICATE OF APPROVAL

Office of Supervisor of Surveys

, 19

The foregoing field notes of the survey of

executed by under special instructions dated instructions dated having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Supervisor of Surveys

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above-described surveys in is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys

69

4-680  
(Revised May 1934)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS  
to  
Claude F. Warner, Transitman

NAMES	CAPACITY
Benjamin J. Mollette,	Principal Assistant.
Roy M. Clifton,	Chainman.
Ernest Crofford,	Flagman.
James Pearce,	Cornerman
William A. Reynolds,	Axeman.
Kenneth Carrick,	Axeman.
Dean Peterson,	Axeman.

70

BOOK 4258

CERTIFICATE OF SURVEYOR

I, Claude F. Warner, Transitman, HEREBY CERTIFY upon honor that, in pursuance of supplemental special instructions bearing date of the 30th day of April, 1936, received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939, I have surveyed part of the West boundary; and surveyed part of the Subdivisional lines of Township 38 North, Range 9 West

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said resurvey and survey have been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Ariz.

Claude F. Warner

March 7, 1940.

Transitman.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS

19

The foregoing field notes of the survey of

executed by under special instructions dated and assignment instructions dated, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Supervisor of Surveys

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS  
to  
Horace M. Muscott, Surveyor

NAMES	CAPACITY
Bert E. Wakeman,	Principal Assistant.
Clarence E. Liles	Chainman.
George B. McDevitt,	Flagman.
Lavell Palmer,	Cornerman
Albert Greene,	Axeman.
Edward T. Taylor, 3rd.	Axeman.

BOOK 4258

CERTIFICATE OF SURVEYOR

I, Horace M. Muscott, Surveyor, HEREBY CERTIFY upon honor that; in pursuance of <sup>supplemental</sup> special instructions bearing date of the 30th day of April, 1936, received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939, I have <sup>re-</sup> surveyed part of the West boundary; and surveyed the North boundary, and part of the Subdivisional lines of Township 38 North, Range 9 West

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said resurvey and surveys have been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Ariz.
March 7, 1940.

Horace M. Muscott
Surveyor.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colo., October 26, 1942.

The foregoing field notes of the <sup>re</sup> survey of the West boundary, and of the survey of the North boundary and Subdivisional lines of Township 38 North, Range 9 West, of the Gila & Salt River Meridian, in the State of Arizona, executed by Horace M. Muscott, Surveyor; Claude F. Warner, Transitman; ~~executed by~~ and Frank Motch, Public Land Surveyor, <sup>supplemental</sup> under special instructions dated April 30, 1936, for Group 210, Arizona, and assignment instructions dated April 11, 1939, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the <sup>re</sup> survey and surveys therein described, are hereby approved.

William P. Johnson
Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys.