

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD NOTES

BOOK 4255

OF SURVEY OF

WEST BOUNDARY,

NORTH BOUNDARY,

AND

SUBDIVISIONAL LINES OF

TOWNSHIP 39 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,

Frank Motch, 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.

Survey commenced April 30, 1939.

Survey completed June 21, 1939.

4255

INDEX DIAGRAM.

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INDEX-DIAGRAM.

BOOK 4255

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T. 39 N. R. 9 W.

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

The 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 of the 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 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.

PRELIMINARY FIELD TESTS OF INSTRUMENTS.

Buff and Buff transit No. 16723.
H. M. Muscott, Surveyor.

April 28, 1939;

At station in camp near center of sec. 22, T. 39 N., R. 10 W., G. and S.R. meridian, Arizona, latitude $36^{\circ} 46' N.$, and longitude $113^{\circ} 21\frac{1}{2}' W.$, examine the adjustments of Buff and Buff transit No. 16723 and find no errors. Then, to test the workings of the solar apparatus of same by comparison of its indications with a true meridian, proceed as follows:

April 29, 1939;

At 5h. 18m., a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions and mark 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 = $1^{\circ} 16' 51''$

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 9h. 00m., a.m., app. t., set off $36^{\circ} 46' N.$ on the lat. arc; $14^{\circ} 20' N.$; 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 $14^{\circ} 22\frac{1}{2}' N.$ 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 $14^{\circ} 25' N.$ 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, prior to the beginning of the surveys executed with same which are described in the field notes herein.

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

June 11, 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. 9984 and find no errors. Then, to test the solar apparatus of same by comparison of its indications with a true meridian established at this station on this date, by Polaris observation, by Horace M. Muscott, Surveyor, as described in field notes of resurvey of West. bdy., and survey of North bdy., and subdivisional lines of T. 38 N., R. 9 W., executed under this group, proceed as follows:

At 9h. 00m., a.m., app.t., set off $36^{\circ} 43\frac{1}{2}'$ N. on the lat. arc; $23^{\circ} 03\frac{1}{2}'$ 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 with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off $23^{\circ} 05'$ 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, prior to the beginning of the surveys executed with same which are described herein.

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

June 11, 1939;

At same station where the above described test of Buff and Buff transit No. 9984 was made, examine the adjustments of Young and Sons' transit No. 8526 and find no errors. Then, to test the solar apparatus of same by comparison of its indications with the same true meridian, proceed as follows;

At 9h. 00m., a.m., app.t., set off $36^{\circ} 43\frac{1}{2}'$ N. on the lat. arc; $23^{\circ} 03\frac{1}{2}'$ 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 with computed decl. of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged; set off $23^{\circ} 05'$ 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, prior to the beginning of the surveys executed with same which are described herein.

Survey: West Boundary of T. 39 N., R. 9 W.

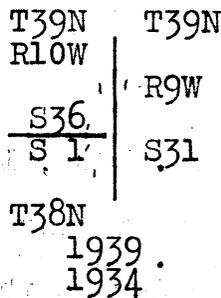
Chains.

From the closing cor. of Tps. 38 and 39 N., Rg. 9 W., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the field notes of the N. bdy. of T. 38 N., R. 9 W.; surveyed under this group.

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

Over rolling land, through scattering undergrowth.

4.49 The original cor. of Tps. 38 and 39 N., Rgs. 9 and 10 W., which is an iron post, 3 ins. diam., 8 ins. above the ground, marked as described in the official record and witnessed by a mound of stone S. of cor. Since this cor. will hereafter refer to Tps. 38 and 39 N., Rg. 10 W. only, destroy the mound of stone, and change the markings on the iron post to read



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

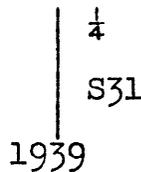
Thence descend gradually over NW. slope.

16.20 Old road, ungraded, bears N. 10° W. and S. 10° E.

18.50 Low spur, slopes N., from S. 10° E.; thence along spur, descend 25 ft.

32.50 Leave spur, slopes N. 10° W.; descend 17 ft. over NE. slope.

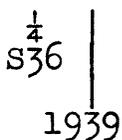
40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 31 only, with brass cap marked



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

Continue over rolling land.

44.49 (40.00 chs. N. of the cor. of Tps. 38 and 39 N., Rg. 10 W.) Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 36, T. 39 N., R. 10 W., with brass cap marked



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

Survey: West Boundary of T. 39 N., R. 9 W.

4

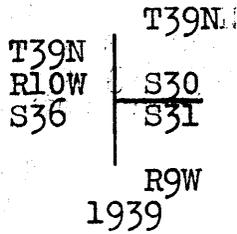
Chains.

Descend 17 ft. over NE. slope.

55.00 Foot of descent, bears NW. and SE.; thence over nearly level land.

79.70 Ungraded road, the old Navajo Trail, bears N. 60° E. and S. 60° W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 30 and 31 only, with brass cap marked



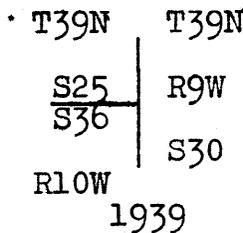
raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Land, rolling and nearly level.
Soil, sandy, 2nd. and 3rd. rates.
Timber, none; undergrowth, scattering sagebrush, cacti, Spanish dagger and a good growth of native grass.

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

Over nearly level land, through scattering undergrowth.

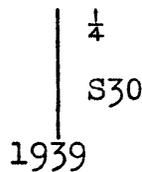
4.49 (40.00 chs. N. of the E. ¼ sec. cor. of sec. 36) Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 25 and 36 only, with brass cap marked



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

Center of north side of earth tank bears S.48°W.
Over nearly level land, through scattering undergrowth, along gradual W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 30 only, with brass cap marked



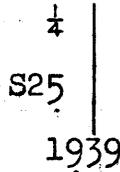
raise a mound of stone; 2 ft. base, 1½ ft. high; E. of cor.

Continue over nearly level land.

Survey: West Boundary of T. 39 N., R. 9 W.

Chains.

44.49 (40.00 chs. N. of the cor. of secs. 25 and 36 only)
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 25 only, with brass cap marked



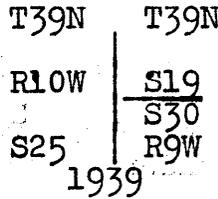
raise a mound

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

Continue over nearly level land, on gradual W. slope.

79.40 Ungraded road, bears N. 70° W., and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 19 and 30 only, with brass cap marked



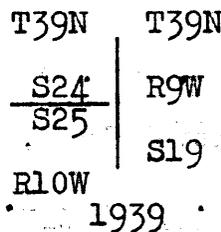
raise a mound

of stone, 3ft. base, 2 1/2 ft. high, E. of cor.

Land, nearly level.
Soil, sandy and gravelly clay, 2nd. and 3rd. rates.
Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

North, along W. bdy. of sec. 19.
Over nearly level land, through scattering undergrowth.

4.49 (40.00 chs. N. of the E. 1/4 sec. cor. of sec. 25.)
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 24 and 25 only, with brass cap marked



raise a mound

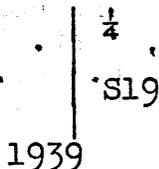
of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.

Over nearly level land, on gradual W. slope.

24.50 Descend gradually over gentle NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 19 only, with brass cap marked

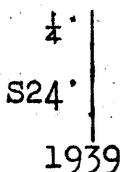
Chains.



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

Over gentle NE. slope.

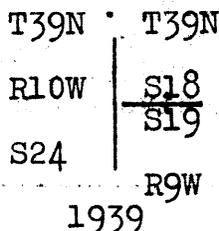
44.49 (40.00 chs. N. of the cor. of secs. 24 and 25 only.) Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 24 only, with brass cap marked



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

Continue over nearly level land, over NE. slope, through scattering undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 18 and 19 only, with brass cap marked



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

Land, nearly level.

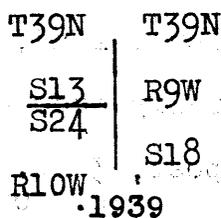
Soil, sandy, 2nd. rate.

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

North, along W. bdy. of sec. 18.

Over nearly level land, through scattering undergrowth.

4.49 (40.00 chs. N. of the E. ¼ sec. cor. of sec. 24). Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 13 and 24 only, with brass cap marked.



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

Survey: West Boundary of T.: 39 N., R. 9 W.

Chains.

Over nearly level land, through scattering undergrowth.

24.50 Ungraded road, bears NW. and SE.

25.50 Shallow drain, course NW.; ascend gradually over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 18 only, with brass cap marked

1/4
S18

1939

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

Continue gradual ascent over gentle SW. slope.

44.49 (40.00 chs. N. of the cor. of secs. 13 and 24 only.) Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 13 only, with brass cap marked

1/4
S13

1939

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

Continue over gentle SW. slope.

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

T39N T39N
R10W S7
S13 R9W

1939

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

Land, nearly level.
Soil, sandy and gravelly clay, 2nd. and 3rd. rates.
Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

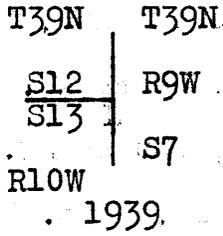
North, along W. bdy. of sec. 7.

Over nearly level land, through scattering undergrowth.

84.49 (40.00 chs. N. of the E. 1/4 sec. cor. of sec. 13) Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 12 and 13 only, with brass cap marked

Survey: West Boundary of T. 39 N., R. 9 W.

Chains.



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

Continue over nearly level land.

12.90 Cut bank wash, 5 lks. wide, banks 4 ft. high, course S.85° W.; ascend gradually.

26.00 Wash, 15 lks. wide, course W.; ascend 30 ft. along SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 7 only, with brass cap marked

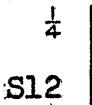


1939

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

Continue ascent.

44.49 (40.00 chs. N. of the cor. of secs. 12 and 13 only.) Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 12 only, with brass cap marked



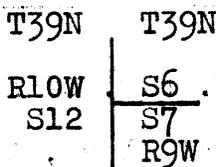
1939

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

46.30 Wash, 15 lks. wide, course W.; ascend 90 ft. over SW. slope.

70.60 One strand barbed wire fence bears E. and W. Fence discontinues at Hurricane Ledge.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 6 and 7 only, with brass cap marked



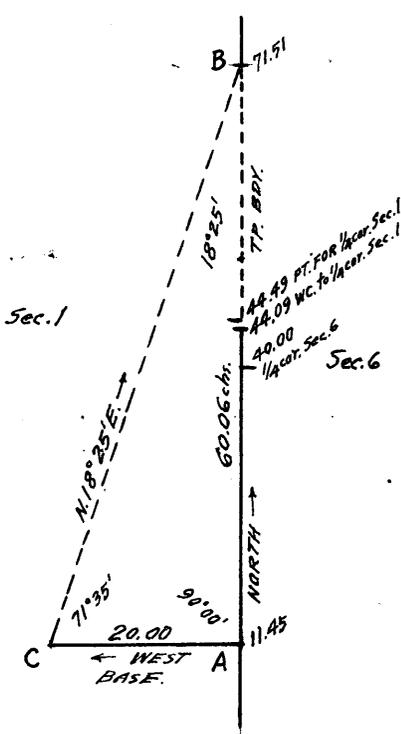
1939

raise a mound of stone, 4 ft. base, 3 ft. high, E. of cor.

Survey: West Boundary of T. 39 N., R. 9 W.

Chains	<p>Land, nearly level and gently rolling. Soil, gravelly clay, 3rd rate. Timber, none. Undergrowth, sagebrush, cacti, and a good growth of native grass.</p>								
4.49	<p>North, along W. bdy. of sec. 6. Over gently rolling land, thru scattering undergrowth. Ascend 10 ft. over gradual SW. slope to (40.00 chs. N. of the E. $\frac{1}{4}$ sec. cor. of sec. 12) Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1 and 12 only, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T39N</td> <td style="padding: 0 5px;">T39N</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S1</td> <td style="padding: 0 5px;">R9W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S12</td> <td style="padding: 0 5px;">S6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">R10W</td> <td></td> </tr> </table> <p style="text-align: center;">1939</p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Thence over rolling land, slopes changing to W. and becoming steeper. Ascend 24 ft. to</p>	T39N	T39N	S1	R9W	S12	S6	R10W	
T39N	T39N								
S1	R9W								
S12	S6								
R10W									
11.45	<p>Triangulation point "A" of a triangulated measurement over cliffs of Hurricane Ledge as hereinafter described. Continue chaining, over rolling W. slopes. Ascend 110 ft. to</p>								
28.70	<p>Cut bank wash, 10 lks. wide, 15 ft. banks, course W. Enter heavily rolling land. Ascend 55 ft. over SW. slope to</p>								
31.35	<p>Foot of steep slope, bears NW. and SE. Ascend 95 ft. over steep, rocky SW. slope to</p>								
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">$\frac{1}{4}$</td> <td style="padding: 0 5px;">S6</td> </tr> </table> <p style="text-align: center;">1939</p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2$\frac{1}{2}$ ft. high, E. of cor.</p> <p>Ascend 51 ft. over steep SW. slope to</p>	$\frac{1}{4}$	S6						
$\frac{1}{4}$	S6								
44.09	<p>Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to bedrock, and in a mound of stone to top, for witness cor. to $\frac{1}{4}$ sec. cor. of sec. 1 only, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">WC</td> <td style="padding: 0 5px;">$\frac{1}{4}$</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S1</td> <td style="padding: 0 5px;"></td> </tr> </table> <p style="text-align: center;">1939</p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p> <p>A series of cliffs facing SW., from Hurricane Ledge, begin slightly N. of this WC. over which chaining is impracticable, therefore discontinue chaining and triangulate the measurement of the Tp. bdy. to the top of said Ledge.</p>	WC	$\frac{1}{4}$	S1					
WC	$\frac{1}{4}$								
S1									

Chains



Return to 11.45 ch. station on W. bdy. of sec. 6, designated as triangulation point "A".

Set flag ahead on Tp. bdy. at top of Hurricane Ledge, designated as triang. point "B", the vertical angle to which, from "A" is $+13\frac{3}{4}^\circ$.

From "A" chain a base West, 20 chs. to point "C", from which flag "B" bears N. $18^\circ 25'$ E.

Included angles of triangle "A=B-C" are: $90^\circ 00'$, $18^\circ 25'$, and $71^\circ 35'$; the sum of which is $180^\circ 00'$.

Chained dist. on Tp. bdy. cor. of secs. 6 and 7 to triang. point "A" = 11.45 chs.
 Triang. dist. on Tp. bdy. "A" to "B" = 60.06 "

Total dist. on Tp. bdy. cor. of secs. 6 and 7 to triang. pt. "B" = 71.51 chs.

44.49 (40.00 chs. N. of cor. of secs. 1 and 12 only) True point for $\frac{1}{4}$ sec. cor. of sec. 1 only is on precipitous SW. slope near base of cliffs from Hurricane Ledge where it is impracticable to monument the cor., therefore establish witness cor. on line at a point 40 lks. S. as hereinbefore described.

71.51 Triang. point "B" at top of Hurricane Ledge, bearing N. 20° W. and S. 20° E., about 725 ft. above the $\frac{1}{4}$ sec. cor. of sec. 6, and near W. edge of top of ridge bearing N. and S. 20° E. Resume chaining, continuing line and measurement.

Ascend 50 ft. over rolling W. slope to

78.38 Intersect the N. bdy. of T. 39 N., R. 9 W., surveyed due West, as hereinafter described, and at this point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., on exposed bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for cor. of Ts. 39 and 40 N., Rs. 9 and 10 W., with brass cap marked

T40N	
R10W	R9W
S36	S31
S1	S6
T39N	
1939	

This Tp. cor. is top of a ridge or divide, bearing northwesterly and southeasterly, near and parallel to the Hurricane Ledge which is on the W. side of the ridge.

Land, gently to heavily rolling, broken and mountainous. Soil, gravelly and rocky clay, 3rd rate, and rocky, 4th rate.

Timber, none.

Undergrowth, sagebrush, cacti, and a fair growth of native grass.

Survey: North Boundary of T. 39 N., R. 9 W.

Chains.

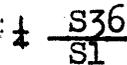
From the cor. of Tps. 39 and 40 N., Rgs. 8 and 9 W., established under this group, described in the field notes of the W. bdy. of T. 39 N., R. 8 W.

West, along N. bdy. of T. 39 N., R. 9 W., bet. secs. 1 and 36.

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

16.00 Draw, course N. 15° E.; ascend 32 ft. over general NE. slope.

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



1939

raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor.

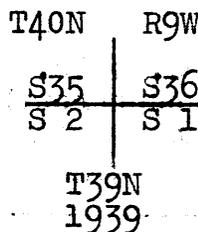
Continue ascent 41 ft. over NE. slope.

50.00 Spur, slopes N.; descend 63 ft. over W. slope.

62:50 E. end of A.R. Brinkerhoff concrete dam, 6 ft. high and 60 ft. long, bears S., 2.60 chs. dist.

63.75 Dry wash, in bottom of rocky canyon, 20 lks. wide, course N.; ascend 60 ft. over E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 1, 2, 35 and 36, with brass cap marked



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

Land, rolling.

Soil, sandy and rocky, 2nd. and 3rd. rates.

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

West, bet. secs. 2 and 35.

Over rolling land, through scattering undergrowth; ascend 154 ft. over gradual SE. slope.

3.00 Ungraded road, bears N. 50° W. to Hurricane and S. 30° E. to Mt. Trumbull.

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

Survey: North Boundary of T. 39 N., R. 9 W.

12

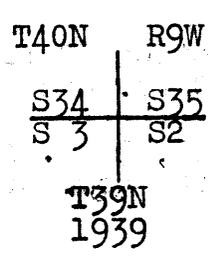
Chains.

1/4 S35
S2
1939

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

Ascend 15 ft. over gradual SE. slope.

- 48.00 Spur, slopes N. 20° E.; descend 66 ft. over W. slope.
- 53.80 Junction of 2 ravines, course NE.; from SW. and SE.; ascend 10 ft.
- 55.70 Point of spur, slopes NE.; descend gradually.
- 57.00 Ravine, 3 lks. wide, course N. 80° E.; ascend 88 ft. over SE. slope.
- 62.00 Top of steep ascent, bears N. 80° E. and S. 80° W.; ascend 17 ft. over gentle SE. slope.
- 73.00 Spur, slopes NE.; descend 25 ft. over NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 7 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. 2, 3, 34 and 35, with brass cap marked



Land, rolling.
Soil, rocky, 3rd. rate.
Timber, none; undergrowth, sagebrush, cliff rose, cacti, Mormon tea and a good growth of native grass.

West, bet. secs. 3 and 34.

Over rolling land, through scattering undergrowth; descend 88 ft. over NW. slope.

- 11.70 Draw, 5 lks. wide, course N.; ascend 76 ft. over NE. slope.
- 28.00 Point of spur, slopes N.; from SE.; descend 40 ft. over NW. slope.
- 34.84 Ungraded road, bears NE. and SW.
- 35.00 Draw, course NE.; ascend gradually to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4 S34
S3
1939

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

Survey: North Boundary of T. 39 N., R. 9 W.

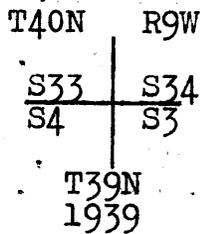
Chains.

Ascend 107 ft. over rolling E. slope.

75.00 Spur, slopes NE.; descend 73 ft. over steep W. slope.

78.70 Ravine, 4 lks. wide, course N.; ascend 28 ft. over steep E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, on solid rock, with X marked on bedrock at base of post, and in a mound of stone to top, for the cor. of secs. 3, 4, 33 and 34, with brass cap marked



Land, rolling.

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

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

West, bet. secs. 4 and 33.

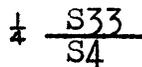
Over rolling land, through scattering undergrowth, ascend 36 ft. over steep ledge on broken E. slope.

5.00 Short spur, slopes NE.; descend 55 ft. over NW. slope.

9.90 Ravine, 6 lks. wide, course NE.; ascend 110 ft. over SE. slope.

35.85 Spur, slopes NE.; descend gradually to

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

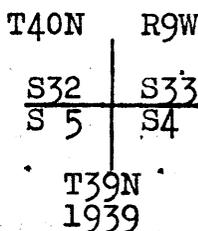


1939

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

Thence along rolling, broken N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 4, 5, 32 and 33, with brass cap marked



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

Chains.

Land, rolling.
Soil, rocky, 2nd. and 3rd. rate.
Timber, none; undergrowth, sagebrush, cliff rose, Mormon tea, cacti and a good growth of native grass.

West, bet. secs. 5 and 32.

Over high rolling plateau land, through scattering undergrowth, ascend 25 ft. over NE. slope.

18.50 Top of ascent, bears NW. and S.; descend 46 ft. over W. slope.

23.50 Wash in bottom of draw, 6 lks. wide, course N. 20° W.; ascend 78 ft. over NE. slope.

27.00 Road, bears N. and S.

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

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

1939

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

77.00 Ascends 90 ft. over rolling NE. slope.

77.00 Spur, slopes NE.; descend 12 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to bedrock, with granite stone 5x3x2 ins., marked X deposited at base and in a mound of stone to top, for the cor. of secs. 5, 6, 31 and 32, with brass cap marked

T40N R9W

$\frac{S31}{S6}$ | $\frac{S32}{S5}$

T39N
1939

Land, rolling.
Soil, rocky, 2nd. and 3rd. rate.
Timber, none; undergrowth, sagebrush, Mormon tea, cacti and a good growth of native grass.

West, bet. secs. 6 and 31.

Over rolling land, through scattering undergrowth; descend 60 ft. over NW. slope.

4.00 Ravine, 4 lks. wide, course N.; ascend 61 ft. over E. slope.

8.50 Spur, slopes NE.; descend 47 ft. over NW. slope.

Survey: North Boundary of T. 39 N., R. 9 W.

Chains.

17.00 Ravine, 3 lks. wide, course NE.; ascend 100 ft. over E. slope.

23.00 Rocky ridge, bears NE. and SW.; descend 115 ft. over NW. slope.

38.00 Road, bears NE. and S.

39.50 Draw, course NE.; ascend gradually to

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

$\frac{S31}{S6}$

1939

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

Ascend 30 ft. over gentle NE. slope.

52.00 Shallow draw, course SE.; continue ascent 104 ft. over rolling NE. slope.

76.59 Intersect W. bdy. of Tp., and at point of intersection establish cor. of Tps. 39 and 40 N., Rgs. 9 and 10 W., as hereinbefore described.

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

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. 38 N., R. 9 W.

N. 0° 01' W., bet. secs. 35 and 36.

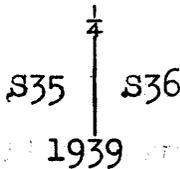
Over gently rolling land, through scattering undergrowth; Asc. gradually over W. slope & N. slope.

10.00 Low spur, slopes SE.; desc. 21 ft. over E. and NE. slopes.

30.00 Shallow draw, course S. 70° E.; ascend 18 ft. over gradual SW. slope.

35.00 Ungraded road, bears E. and W.

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

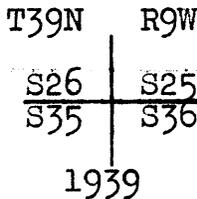


raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Ascend gradually over SW. slope.

51.00 Low ridge, bears N. 60° W. and S. 60° E.; descend 70 ft. over rolling NE. 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



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

Land, gently rolling.

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

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

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

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect E. bdy. of Tp., 3 lks. S. of the cor. of secs. 25, 30, 31 and 36, established under this group as described in the field notes of the W. bdy. of T. 39 N., R. 8 W.

Thence

S. 89° 59' W., on true line, bet. secs. 25 and 36.

Chains.

Over rolling land, through low undergrowth; ascend 51 ft. over SE. slope.

15.14 Low ridge, bears N. 30° E. and S. 30° W.; descend 18 ft. over W. slope.

18.54 Shallow draw, course N. 10° E.; ascend 98 ft. over E. slope.

36.44 Spur, slopes N. 20° E.; descend gradually.

40.07 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, with granite stone 5x3x2 ins. deposited at base and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

1/4 S25 / S36

1939

Descend 23 ft. over NW. slope.

53.14 Draw, course N. 30° E.; ascend 35 ft. over E. slope.

55.84 Spur, slopes N. 30° E.; descend 35 ft. over W. slope.

65.00 Wash, 5 lks. wide, course N.; ascend 18 ft. over E. slope.

74.74 Spur, slopes N.; descend 25 ft. over W. slope.

79.84 Wash, 5 lks. wide, course N. 20° E. from S.; ascend gradually.

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

Land, rolling.
Soil, limestone and clay, 3rd. and 4th. rates.
Timber, none; undergrowth, sagebrush and algerita; a good growth of native grass.

N. 0° 01' W., bet. secs. 25 and 26.

Over rolling land, through low undergrowth; descend gradually.

3.10 Wash, 5 lks. wide, course N. 60° E.; ascend 25 ft. over SE. slope.

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

13.00 Spur, slopes N. 60° E.; descend 97 ft. over general N. slope.

38.65 Wash, 20 lks. wide, course NE.; ascend gradually.

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

S26 | S25

1939

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

Chains.

Ascend 23 ft. over S. slope.

41.10 Ungraded road, from Mt. Trumbull to Hurricane, bears N. $50\frac{1}{2}^{\circ}$ E., S. $69\frac{3}{4}^{\circ}$ W.

51.80 Spur, slopes E.; descend 17 ft. over N. slope.

56.60 Draw, course S. 60° E.; ascend 21 ft. over S. slope.

74.00 Low ridge, bears NE. and SW; descend 17 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 23, 24, 25 and 26, with brass cap marked

T39N R9W

S23	S24
S26	S25

1939

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

Land, rolling.

Soil, disintegrated limestone and clay, 3rd. and 4th. rates.
Timber, none; undergrowth, sagebrush, algerita and a good growth of native grass.

N. $89^{\circ} 59'$ E., on a random line, bet. secs. 24 and 25.

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

80.18 Intersect E. bdy. of Tp., 9 lks. S. of the cor. of secs. 19, 24, 25 and 30, established under this group, as described in the field notes of the W. bdy. of T. 39 N., R. 8 W.

Thence

S. $89^{\circ} 55'$ W., on true line, bet. secs. 24 and 25.

Over rolling land, through low undergrowth; ascend 16 ft. over broken SE. slope.

13.19 Low spur, slopes NE.; descend gradually.

18.50 Wash, 30 lks. wide, course NE.; from W., thence along wash.

25.90 Leave wash, course E., from S. 50° W.; ascend 29 ft. over gradual SE. slope.

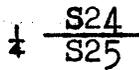
28.80 Ungraded road, bears N. and S.

37.00 Dim, ungraded road, bears N. 20° W. and S. 20° E.

37.50 Ungraded road, from Mt. Trumbull to Hurricane, bears N. $31\frac{1}{4}^{\circ}$ E. and S. $35\frac{3}{4}^{\circ}$ W.

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.



of stone, 3½ ft. base, 1½ ft. high, N. of cor. raise a mound

Ascend 141 ft. over rolling E. slope.

70.50 Knoll in low ridge, bears NE. and SW.; descend 69 ft. over NW. slope.

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

Land, rolling.

Soil, disintegrated limestone and clay, 3rd. and 4th. rates.
Timber, none; undergrowth, sagebrush, algerita and a good growth of native grass.

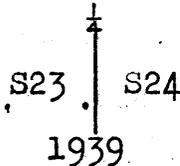
N. 0° 01' W., bet. secs. 23 and 24.

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

2.00 Draw, course NE.; ascend 29 ft. over SE. slope.

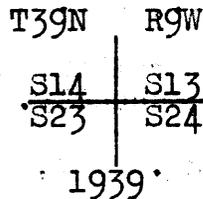
10.00 Spur, slopes E.; descend 52 ft. over rolling, general NE. slope.

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 ¼ sec. cor., with brass cap marked



Descend 98 ft. over rolling, general NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 13, 14, 23 and 24, with brass cap marked



of stone, 3½ ft. base, 1½ ft. high, W. of cor. raise a mound

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

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

Survey: Subdivision of T. 39 N., R. 9 W.

20

Chains.

N. 89° 55' E., on a random line, bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.24 Intersect E. bdy. of Tp., 3 lks. S. of the cor. of secs. 13, 18, 19 and 24, established under this group, as described in the field notes of the W. bdy. of T. 39 N., R. 8 W.

Thence

S. 89° 54' W., on true line, bet. secs. 13 and 24.

Over gently rolling land, through scattering undergrowth; ascend 15 ft.

34.50 Ungraded road, from Mt. Trumbull to Hurricane, bears N. 5 1/4° W., S. 3 1/2° E.

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

1/4 S13.
S24

1939

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

Ascend 41 ft. over gently rolling NE. slope.

60.23 Low spur, slopes N.; descend 14 ft.

66.53 Ungraded road, bears N. 50° W. and S. 50° E.

73.23 Shallow draw, course N. 10° E.; ascend 8 ft.

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

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

N. 0° 01' W., bet. secs. 13 and 14.

Over gently rolling land, through scattering undergrowth; descend gradually.

7.40 Wash, 15 lks. wide, course N. 60° E.; ascend 10 ft.

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

36.20 Ungraded road, bears N. 70° E. and S. 70° W.

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

1/4
S14 | S13

1939

Survey: Subdivision of T. 39 N., R. 9 W.

21

Chains.

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

Ascend 15 ft. over S. slope.

45.00 Low spur, slopes E.; descend 12 ft. over N. slope.

48.70 Draw, course N. 60° E.; descend 14 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 11, 12, 13 and 14, with brass cap marked

T39N	R9W
S11	S12
S14	S13
1939	

raise a mound
of stone, 4 ft. base, 3 ft. high, W. of cor.

Land, gently rolling.

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

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

N. $89^\circ 54'$ E., on a random line, bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor. dist. level v. fixed value

80.26 Intersect E. bdy. of Tp., 3 lks. N. of the cor. of secs. 7, 12, 13 and 18, established under this group, as described in the field notes of the W. bdy. of T. 39 N., R. 8 W.

Thence

S. $89^\circ 55'$ W., on true line, bet. secs. 12 and 13.

Over rolling land, through scattering undergrowth; descend 18 ft. over W. slope.

13.56 Shallow draw, course N. 10° E.; continue over rolling land, ascend 6 ft.

35.86 Shallow wash, course N., ascend 6 ft.

39.90 Ungraded road, Hurricane to Mt. Trumbull, bears N. $6\frac{1}{4}^\circ$ W. and S. 4° E.

40.13 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

level	S12
	S13

1939

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

Descend 6 ft. over rolling land.

45.26 Shallow draw, course N. 20° E.; ascend 81 ft. over gradual NE. slope.

Chains.

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

Land, gently rolling.

Soil, clay and limestone, 3rd. and 4th. rates.

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

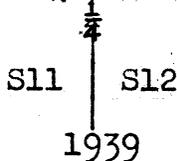
N. 0° 01' W., bet. secs. 11 and 12.

Over rolling land, through low undergrowth; descend 47 ft. over NE. slope.

25.00 Bottom of descent, bears NE. and SW.; ascend 12 ft. over SE. slope.

34.00 Spur, slopes NE.; descend 29 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



Descend 46 ft. over NW. slope.

45.00 Foot of steep descent, bears N. 60° E. and S. 60° W.; enter nearly level land, draining NE.

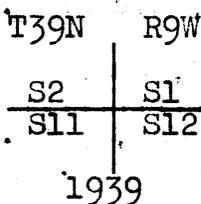
50.95 Ungraded road, the old Navajo Trail, bears N. 79° E. and S. 79° W.

62.15 Wash, 20 lks. wide, cut banks 5 ft. deep, course N. 60° E.; ascend gradual S. slope 12 ft.

70.00 Top of ascent; descend 12 ft. over NE. slope.

73.00 Shallow draw, course S. 45° E.; ascend 81 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock and with X marked on bedrock at base of post, and in a mound of stone to top, for the cor. of secs. 1, 2, 11 and 12, with brass cap marked



Land, rolling and nearly level.

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

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

Chains.

N. 89° 55' E., on a random line, bet. secs. 1 and 12.

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

80.40 Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, established under this group, as described in the field notes of the W. bdy. of T. 39 N., R. 8 W.

Thence

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

Over rolling land through scattering undergrowth; ascend 18 ft. over NE. slope.

10.40 Low ridge, bears NW. and SE.; descend 10 ft.

18.40 Head of draw, course N; ascend 10 ft. over E. slope.

25.40 Top of wide, flat spur, slopes N.; thence over rolling top.

35.40 Leave spur; descend 10 ft. over gradual W. slope.

38.25 Ungraded road, Hurricane to Mt. Trumbull, bears N. 5° W. and S. 5° W.

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

$\frac{1}{4}$ $\frac{S1}{S12}$

1939

Descend 17 ft. over W. slope.

52.50 Wash, 15 lks. wide, cut banks 4 ft. deep, course N. 40° E.; thence over rolling land.

61.60 Wash, 20 lks. wide, course N. 60° E.; ascend 108 ft. over SE. slope.

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

Land, rolling.

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

Timber, none; undergrowth, sagebrush, algerita 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.

78.49 Intersect N. bdy. of Tp., 41 lks. W. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.

Thence

S. 0° 18' W., on true line, bet. secs. 1 and 2.

Over rolling land, through low undergrowth; over gradual E. slope.

5.30 Ungraded road, Hurricane to Mt. Trumbull, bears N. 30 $\frac{1}{4}$ ° W. and S. 30 $\frac{1}{4}$ ° E.

Chains.

- 6.00 Descend 19 ft. over SE. slope.
- 15.00 Wash, 20 lks. wide, course N. 50° E.; ascend 95 ft. over NW. slope.
- 29.10 Ungraded road, bears NE. and SW.
- 30.50 Spur, slopes E.; descend 38 ft. over SE. slope.
- 38.49 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

$\frac{1}{4}$
 S2 | S1
 1939

Descend 4 ft. over SE. slope.

- 38.90 Ravine, 10 lks. wide, course N. 60° E.; ascend 70 ft. over NW. slope.
- 50.50 Fork of spurs, slope N. 60° E. and S. 60° E., from W.; descend 70 ft. over SW. slope.
- 68.80 Draw, course N. 70° E.; ascend 61 ft. over N. slope.
- 75.50 Spur, slopes E.; descend 6 ft. over SE. slope.
- 78.49 The cor. of secs. 1, 2, 11 and 12.

Land, rolling.

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

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

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of Tp., established under this group as described in the field notes of the N. bdy. of T. 38 N., R. 9 W.

N. 0° 01' W., bet. secs. 34 and 35.

Over rolling land, through scattering undergrowth; along E. slope.

- 12.00 Slope changes to N.; descend gradually.
- 39.60 Wash, 20 lks. wide, course NE.; ascend gradually.
- 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

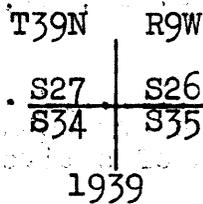
$\frac{1}{4}$
 S34 | S35
 1939

Continue over rolling land.

- 53.20 Dim road, bears E. and W.
- 64.00 Dim road, bears N. 65° W. and S. 65° E.

Chains.

- 70.00 Ascend 40 ft. over S. slope.
- 77.50 Detached spur, slopes E.; descend 15 ft. over NE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 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. 26, 27, 34 and 35, with brass cap marked



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

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

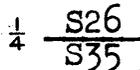
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence

N. 89° 59' W., on true line, bet. secs. 26 and 35.

Over rolling land, through scattering undergrowth; ascend 10 ft. over NE. slope.

- 0.93 Short spur, slopes N.; descend 15 ft. over W. slope.
- 2.73 Gulch, course N. for 4.00 chs. to junction with gulch, course N. 68° E.; ascend 10 ft. over E. slope.
- 4.03 Low spur, slopes N.; descend 10 ft. over W. slope.
- 7.73 Gulch, course NE.; ascend 60 ft. over E. slope.
- 35.83 Spur, slopes N., descend 40 ft. over W. slope.
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



1939

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

From the cor. The Bill Spendlode earth tank and dam, bears S. 47° W., 17.92 chs. dist.

Descend 15 ft. over W. slope.

- 42.13 Wash, 10 lks. wide, course NE.; ascend 70 ft. over SE. slope.

Chains.

42.83 Ungraded road, Hurricane to Mt. Trumbull, bears N. 24° E. and S. 24° W.

64.53 Top of detached spur, slopes NE. ; descend 25 ft. over N. slope.

70.00 Foot of descent; thence over rolling NE. slope.

80.03 The cor. of secs. 26, 27, 34 and 35.

Land, rolling.

Soil, gravelly clay, 3rd. rate.

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

N. 0° 01' W., bet. secs. 26 and 27.

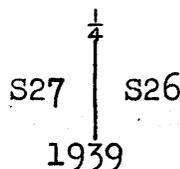
Over rolling NE. slope, through undergrowth.

7.10 Head of draw, course N. 70° E.; ascend gradually over SE. slope.

30.70 Ascend 50 ft. over SE. slope.

37.50 Low ridge, bears NE. and SW.; descend 15 ft. over NW. slope.

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



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

Descend 30 ft. over NW. slope.

Descend 30 ft. NW slope

47.00 Draw, near head, course NE.; ascend gradually.

57.10 Spur, slopes NE. for 3.00 chs., thence N.; along W. slope.

68.60 Descend 70 ft. over NW. slope.

76.60 Draw, course NE.; thence along E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 22, 23, 26 and 27, with brass cap marked.

T39N R9W

S22 | S23
S27 | S26

1939

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

Land, rolling.

Soil, gravelly clay, 3rd. rate.

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

Survey: Subdivision of T. 39 N., R. 9 W.

Chains.

S. 89° 59' E., on a random line, bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect N. and S. line at the cor. of secs. 23, 24, 25 and 26.

Thence

N. 89° 59' W., on true line, bet. secs. 23 and 26.

Over rolling land, through scattering undergrowth; along broken NW. slope.

3.00 Slope changes to NE.; ascend 65 ft.

16.34 Spur, slopes NW.; descend 48 ft. over general W. slope.

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

1/4 S23
1/4 S26

1939

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

Descend gradually.

40.44 Draw, course N. 20° E.; ascend 90 ft. over E. slope.

52.14 Rocky hill, at end of spur, from SW.; 1.50 chs. to N. end of hill; descend 80 ft. over broken NW. slope.

63.94 Draw, course N. 30° E.; thence along broken N. slope.

78.14 Draw, course NE.; over gradual E. slope.

80.04 The cor. of secs. 22, 23, 26 and 27.

Land, rolling.

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

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

N. 0° 01' W., bet. secs. 22 and 23.

Over rolling E. slope, through scattering undergrowth;

2.20 Draw, course SE.; ascend 68 ft. over broken S. slope.

10.00 Spur, slopes N. 25° E.; descend 90 ft. over NW. slope.

31.00 Draw, course NE.; along gradual E. slope.

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

1/4
S22 | S23

1939

Chains.

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

Continue along gradual E. slope.

54.00 Draw, course SE.; ascend 47 ft. over broken S. slope.

68.00 Low ridge, bears NE and SW, descend 25 ft. over gradual NW. slope.

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

T39N. R9W
S15 S14
S22 S23
1939

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, algerita, cliff rose and a fair growth of native grass.

S. $89^{\circ} 59'$ 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, 3 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence

N. $89^{\circ} 58'$ W., on true line, bet. secs. 14 and 23.

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

11.26 Shallow draw, course N. 60° E.; ascend 65 ft. over SE. slope.

32.96 Spur, slopes S.; descend 25 ft. over SW. slope.

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

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

1939

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

Descend gradually over SW. slope.

44.76 Draw, course SE.; ascend 60 ft. over SE. slope.

72.76 Low sidge, bears N. 20° E. and S. 20° W.; descend gradually over NW. slope.

Chains.

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

Land, rolling.
Soil, gravelly clay, 3rd. rate.
Timber, none; undergrowth, sagebrush, algerita, cliff rose and a fair growth of native grass.

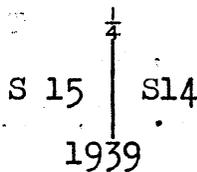
N. 0° 01' W., bet. secs. 14 and 15.

Over rolling land, through scattering undergrowth.

32.50 Ascend 35 ft. over SW. slope.

39.80 Top of ascent, thence along W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



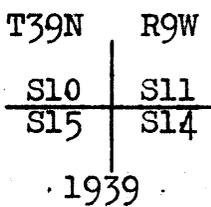
Continue along broken W. slope.

51.50 Spur, slopes NW.; descend 70 ft. over NE. slope.

72.40 Shallow draw, course W.

72.50 Bend in wash, 1.00 ch. W. of line; course NW., from SW.; ascend 50 ft. over S. slope.

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



Land, rolling.
Soil, gravelly clay, 3rd. rate.
Timber, none; undergrowth, sagebrush, algerita, cliff rose and a fair growth of native grass.

S..89° 58' 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, 5 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence

Chains.

West, on true line, bet. secs. 11 and 14.

Over rolling land, through scattering undergrowth; ascend 20 ft. over rolling E. slope.

11.80 Low spur, slopes NE.; descend 45 ft. over NW. slope.

24.60 Gulch, course NE.; ascend 110 ft. over E. slope.

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

$\frac{1}{4}$ S11
S14

1939

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

Ascend 25 ft. over E. slope.

51.46 Bend in low divide, bears NW. and SW.; descend 15 ft. over gradual NW. slope.

61.50 Gulch, near head, course S. 75° W.; thence along S. slope.

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

Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, algerita, cliff rose and a fair growth of native grass.

N. 0° 01' W., bet. secs. 10 and 11.

Over rolling land, through scattering undergrowth; ascend 35 ft. over S. slope.

9.00 Low divide. bears NW. and SE.; descend gradually.

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

23.20 Same divide, bears NE. and SW.; descend 58 ft. over gradual NW. 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 $\frac{1}{4}$ sec. cor., with brass cap marked

S10 | S11

1939

Continue descent 71 ft. over broken NW. slope..

49.00 Small drain, course NE.; ascend 25 ft. over S. slope.

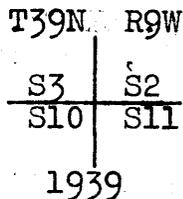
54.10 Point of spur, slopes E.; descend 45 ft. over N. slope.

59.20 Ungraded road, the old Navajo Trail, bears N. 36° W. and S. 71° E.

59.80 Cut bank wash, 25 lks. wide; banks 6 ft. high, course S. 70° E.; ascend 119 ft. over broken S. slope.

Chains.

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



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

Land, rolling.

Soil, gravelly clay, 3rd. rate.

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

East, 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, 7 lks. S. of the cor. of secs. 2, 3, 10 and 12.

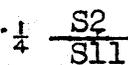
Thence

S. 89° 57' W., on true line, bet. secs. 2 and 11.

Over rolling land, through scattering undergrowth; descend 67 ft. over SW. slope.

6.13 Draw, course SE.; ascend 150 ft. over NE. slope.

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



1939

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

Ascend 30 ft. over NE. slope.

57.90 Ridge, bears NW. and SE.; descend 45 ft. over SW. slope.

73.43 Drain, near head, course S.; ascend 30 ft. along broken S. slope.

79.94 The cor. of secs. 2, 3, 10 and 11.

Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, none; undergrowth, sagebrush, algerita, cliff rose and a fair growth of native grass.

Survey: Subdivision of T. 39 N., R. 9 W.

32

Chains.

- N. 0°.18' E., on a random line, bet. secs. 2 and 3.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.57 Intersect N. bdy. of Tp., 12 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
- Thence
- S. 0° 13' W., on true line, bet. secs. 2 and 3.
- Over rolling land, through scattering undergrowth; along broken NW. slope..
- 28.47 Gulch, course NW. ; ascend 35 ft..over NE. slope.
- 37.97 Spur, slopes NW.; descend gradually.
- 38.57 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
- S3 | S2
1939
- raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
- Descend 50 ft. over SW. slope.
- 62.87 Wide, shallow draw, course W.; ascend 40 ft. over N.slope.
- 64.57 Road, bears E. and W.
- 77.37 Point of flat spur, slopes SW.; descend gradually.
- 78.57 The cor. of secs. 2, 3, 10 and 11.
- Land, rolling.
Soil, gravelly clay, 3rd. rate.
Timber, none; undergrowth, sagebrush, cliff rose, algerita and a good growth of native grass.
-
- From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of Tp.; established under this group, as described in the field notes of the N. bdy. of T. 38 N., R. 9 W.
- N. 0° 02' W., bet. secs. 33 and 34.
- Over rolling land, through scattering timber and undergrowth; ascend 9 ft. along SW. slope.
- 6.00 Low spur, slopes NW.; descend 29 ft. along rolling W.slope.
- 17.00 Shallow drain, course W.; ascend gradually over SW.slope.
- 27.00 Ridge, divide bet. Hurricane and Claypool Washes, bears NW. and SE.; descend gradually.
- 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

Survey: Subdivision of T. 39 N., R. 9 W.

33

Chains.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S33 \quad | \quad S34 \\ | \\ .1939 \end{array}$$

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

Descend gradually over rolling land.

46.40 Draw, course NE.; continue over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. 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 the cor. of secs. 27, 28, 33 and 34, with brass cap marked

$$\begin{array}{c} T39N \quad R9W \\ | \\ S28 \quad | \quad S27 \\ \hline S33 \quad | \quad S34 \\ | \\ .1939 \end{array}$$

from which
A juniper, 5 ins. diam., bears N. $2\frac{1}{2}^\circ$ E.; 37 lks.
dist., marked T 39N R 9 W S 27 B T.

A juniper, 5 ins. diam., bears N. $60\frac{3}{4}^\circ$ W., 559 lks.
dist., marked T 39 N R 9 W S 28 B T.

No other bearing trees available.

Land, rolling.

Soil, sandy and rocky, 2nd. and 3rd. rates.

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

East, on a random line, bet. secs. 27 and 34.

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

79.96 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence.

N. $89^\circ 58'$ W., on true line, bet. secs. 27 and 34.

Over rolling land, through scattering undergrowth.

39.98 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

$$\frac{1}{4} \frac{S27}{S34}$$

1939

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

Survey: Subdivision of T. 39 N., R. 9 W.

34

Chains.

Descend slightly over SW. slope.

51.96 Draw, course NW.; thence over rolling land.

60.76 Ungraded road, bears NW. and SE.

63.16 Draw, course NE.

68.96 Ungraded road, bears N. and S.

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

Land, rolling.

Soil, sandy and rocky clay, 2nd. and 3rd. rates.

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

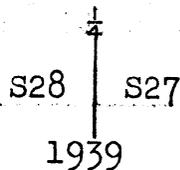
N. 0° 02' W., bet. secs. 27 and 28.

Over rolling land, through scattering undergrowth; descend 50 ft. over NE. slope.

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

28.00 Cut bank wash, 8 lks. wide, banks 3 ft. high, course N. 20° W.; over rolling land.

37.00 Point of spur, slopes W.; descend slightly.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to bedrock, with granite stone 3x3x2 ins., marked X deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

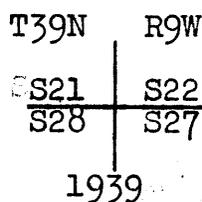
Same road as crossed at 24.00 ch. station bears W. 2.00 chs. dist.; road bears N. and S.

41.20 Bend in same wash, course N. 1° W., from S. 20° W., along wash.

49.50 Same wash, course N. 20° E. for 1.50 chs., thence N.; continue over rolling land.

55.00 Bend in same road bears W. 1.00 ch. dist., road bears N. 20° W., and S.

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



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

Survey: Subdivision of T. 39 N., R. 9 W.

35

Chains.

Land, rolling.
Soil, sandy, and rocky clay, 2nd. and 3rd. rates.
Timber, none; undergrowth, Mormon tea, cacti and a good growth of native grass.

S. 89° 58' E., on a random line, bet. secs. 22 and 27.

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

80.00 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence

N. 89° 56' W., on true line, bet. secs. 22 and 27.

Over rolling land, through scattering timber and undergrowth; ascend 40 ft. over rolling E. slope.

16.50 Head of draw, course NE.; ascend 29 ft. over E. slope.

22.50 Ridge, bears N. and S.; descend 52 ft. over 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

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

1939

from which

A juniper, 6 ins. diam., bears N. 88 $\frac{1}{4}$ ° E., 279 lks. dist., marked $\frac{1}{4}$ S 22 B T.

An algerita, 5 ins. diam., bears S. 50 $\frac{3}{4}$ ° E., 72 lks. dist., marked $\frac{1}{4}$ S 27 B T.

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

Descend 80 ft. over rolling W. slope.

78.50 Wash, 10 lks. wide, course N.; thence over rolling land.

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

Land, rolling.

Soil, rocky and sandy, 2nd. and 3rd. rates.

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

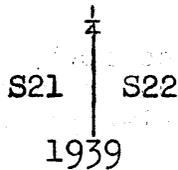
N. 0° 02' W., bet. secs. 21 and 22.

Over rolling land, through scattering undergrowth; descend gradually.

14.30 Cut bank wash, 12 lks. wide, banks 3 ft. high, course N. 60° E.; ascend gradual SE. 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

Chains.

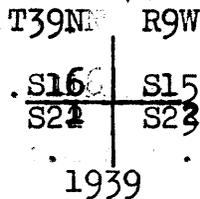


raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Ascend over gradual SE. slope.

54.10 Low spur, slopes N. 60° E.; descend 17 ft. over gradual N. slope.

72.20 Draw, course E.; ascend gradually to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 15, 16, 21 and 22, with brass cap marked



raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling.
Soil, rocky and gravelly clay, 3rd. rate.
Timber, none; undergrowth, sagebrush, algerita, cacti and a good growth of native grass.

S. 89° 56' E., on a random line, bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 14, 15, 22 and 23.

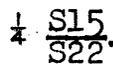
Thence

N. 89° 57' W., on true line, bet. secs. 15 and 22.

Over rolling land, through scattering timber; descend 24 ft. over broken NW. slope.

31.70 Wash, 12 lks. wide, banks 3 ft. high, course N. 50° E.; ascend gradually over SE. slope.

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



1939

raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Ascend gradually over SE. slope.

Survey: Subdivision of T. 39 N., R. 9 W.

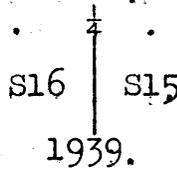
Chains.

- 50.00 Low spur, slopes S.; descend gradually over SW. slope.
- 73.20 Wash, 5 lks. wide, course SE.; descend 11 ft. over NE. slope.
- 77.80 Low spur, slopes SE.; descend gradually.
- 80.00 The cor. of secs. 15, 16, 21 and 22.

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

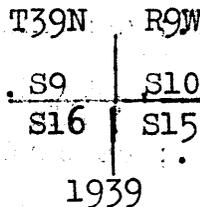
N. 0° 02' W., bet. secs. 15 and 16.

- Over rolling land, through scattering timber and undergrowth; ascend 3 ft. over SW. slope.
- 2.00 Low spur, slopes SE.; descend gradually to
- 9.80 Draw, course SE.; ascend 23 ft. over broken SE. slope.
- 20.00 Spur, slopes E.; descend gradually over NW. slope.
- 36.70 Wash, course N. 40° E.; ascend 6 ft. over S. 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 1/4 sec. cor., with brass cap marked



Ascend slightly over S. slope.

- 42.60 Low spur, slopes E.; descend 25 ft. over N. slope.
- 45.70 Draw, course E.; ascend gradually over SE. slope.
- 69.30 Spur, slopes N. 60° E.; descend 40 ft. over NW. slope.
- 77.80 Wash, course NE.; ascend 10 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 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. 9, 10, 15 and 16, with brass cap marked



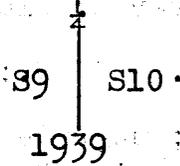
Land, rolling.
 Soil, gravelly clay, 3rd. rate.
 Timber, very scattering juniper; undergrowth, sagebrush, algerita, cacti and a good growth of native grass.

Chains.	
	S. 89° 57' E., on a random line, bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14 and 15.
	Thence
	West, on true line, bet. secs. 10 and 15.
	Over rolling land, through scattering undergrowth; descend 63 ft. over SW. slope.
12.34	Wash, 8 lks. wide, course N. 15° W.; ascend 122 ft. over broken E. slope.
35.00	Spur, slopes N.; descend slightly.
39.97	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
	$\frac{1}{4} \frac{S10}{S15}$
	1939
	Descend 68 ft. over W. slope.
55.64	Ravine, drains N.; thence along broken N. slope.
65.94	Ravine, course NE. for 50 lks., thence N. 70° E.; ascend 82 ft. over SE. slope.
73.94	Spur, slopes NE.; descend 33 ft. over NW. slope.
76.54	Ravine, course NE.; ascend 30 ft. over SE. slope.
79.94	The cor. of secs. 9, 10, 15 and 16.
	Land; rolling.
	Soil, gravelly clay, 2nd. and 3rd. rate.
	Timber, none; undergrowth, Mormon tea, sagebrush, algerita, cacti and a good growth of native grass.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over rolling land, through undergrowth; ascend 23 ft. over SE. slope.
7.00	Spur, slopes E.; descend 65 ft. over N. slope.
10.00	Ravine, course S. 60° E.; ascend 40 ft. over S. slope.
16.00	Spur, slopes E.; descend 32 ft. over NE. slope.
19.20	Ravine, course S. 10° E., from NW.; ascend 50 ft. over broken S. slope.
35.00	Spur, slopes E.; descend gradually.

Survey: Subdivision of T. 39 N., R. 9 W.

Chains.

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

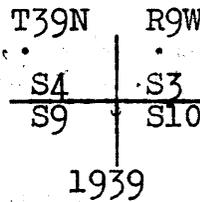
Over rolling top of ridge.

40.05 Ridge, bears W. and NE.; descend 30 ft. over N. slope.

46.00 Draw, course NE.; over rolling land.

58.60 Ungraded road, the old Navajo Trail, bears S. 47° W., N. 40° E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 3, 4, 9 and 10, with brass cap marked



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

Land, rolling.

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

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

East, on a random line; bet: secs. 3 and 10.

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

79.92 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence

S. $89^\circ 59'$ W., on true line, bet. sees. 3 and 10.

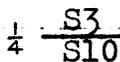
Over rolling land; through scattering undergrowth; along S. slope.

2.00 Slope changes to W., descend 70 ft.

11.22 Draw, course S.; ascend 75 ft. over E. slope.

14.00 Ungraded road, the old Navajo Trail, bears N. 36° W. and S. 36° E.

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

Chains.

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

Ascend 12 ft. over E. slope.

- 46.90 Ridge, bears NE. and SW.; descend gradually over W. slope.
 55.60 Draw, course N.; ungraded road, Navajo Trail, bears N. 53°
 E. and S. 53° W.; ascend gradually.
 79.92 The cor. of secs. 3, 4, 9 and 10.

Land, rolling.

Soil, gravelly clay, 3rd. rate.

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

N. $0^\circ 13'$ E., on a random line, bet. secs. 3 and 4.

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

- 78.54 Intersect N. bdy. of Tp., 4 lks. W. of the cor. of secs.
 3, 4, 33 and 34, hereinbefore described.

Thence

S. $0^\circ 15'$ W., on true line, bet. secs. 3 and 4.

Over rolling land, through scattering undergrowth; ascend
 45 ft. along steep E. slope of spur.

- 8.54 Top of steep ascent; ascend gradually.
 18.54 Spur, slopes NW.; thence along W. slope of spur.
 28.54 Same spur, slopes NE.; descend gradually over SE. slope.
 38.54 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

$\frac{1}{4}$
 S4 | S3
 1939

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

- 40.54 Wash, 15 lks. wide, in bottom of draw, course NE.

- 53.10 Ungraded road, bears NE. and SW.

- 63.24 Ungraded road, bears NW. and SE.

- 78.54 The cor. of secs. 3, 4, 9 and 10.

Land, rolling.

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

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

Survey: Subdivision of T. 39 N., R. 9 W.

Chains

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., established under this group as described in the field notes of survey of the N. bdy. of T. 38 N., R. 9 W.,

N.0° 03'W., bet. secs. 32 and 33.

Over mountainous land, thru scattering undergrowth; along irregular top of spur, sloping N. Descend 55 ft.

6.60 Ascend 11 ft.

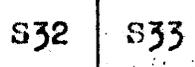
12.00 Descend 25 ft.

18.70 Ascend 39 ft.

22.90 Descend 20 ft. to

28.00 Leave top of spur, sloping NW. from S.; descend 120 ft. over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in ground to bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for 1/2 sec. cor., with brass cap marked

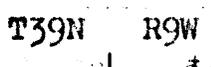


1939

Descend 25 ft. over NE. slope.

46.30 Bottom of rocky gulch, course N. 30° W. Thence over heavily rolling W. slope; ascend 50 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in ground to bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for cor. of secs. 28, 29, 32 and 33, with brass cap marked



1939

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, sagebrush, algerita, cacti and a fair growth of native grass.

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

40.00 Set temp. 1/2 sec. cor.

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

Thence

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

Over rolling land, thru scattering undergrowth; ascend 25 ft. over E. slope.

2.64 Short spur, slopes N.20°E., near point of same.

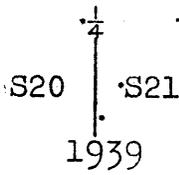
Chains	Descend 21 ft. over NW. slope.
7.40	Head of draw, course N.; ascend 10 ft. over E. slope.
12.34	Low spur, slopes N.10°E., near point of same; descend 25 ft. over NW. slope.
18.54	Draw, course N.25°E.; ascend 65 ft. over E. slope.
29.00	Low, flat-topped spur, slopes NE.; descend 30 ft. over NW. slope.
33.15	Head of draw, course NE.; ascend 25 ft. over NE. slope to
40.02	Set an iron post, 3 ft. long, 1 in. in diam., 3 ins. in 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
	$\frac{1}{4} \begin{array}{c} S 28 \\ \hline S 33 \end{array}$
	1939
	Thence over gently rolling land sloping NE.
49.04	Head of ravine, course NW.; descend along N. slope.
61.54	Top of Hurricane Ledge, bears N. and SE. Enter mountainous land. Descend 172 ft. over steep W. slope to
71.75	Lower rim, bears N. and S.; descend 324 ft. over cliffs and precipitous W. slope to
80.04	The cor. of secs. 28, 29, 32 and 33.
	Land, rolling and mountainous. Soil, gravelly clay, 3rd rate, and rocky, 4th rate. Timber, none. Undergrowth, sagebrush, cliff rose, algerita, cacti and a fair growth of native grass.
	N.0° 03'W., bet. secs. 28 and 29. Over mountainous land, thru scattering undergrowth; desc. over steep W. slope.
3.40	Bottom of rocky gulch, course W. for about 5 chs., thence NW. Ascend 345 ft. over steep broken SW. slope to
24.50	Top of cliff, 60 ft. high, bears NW. and SE., facing SW. Ascend 80 ft. over steep SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{c} S29 \quad \quad S28 \end{array}$
	1939
	raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.
	Ascend 95 ft. over steep broken SW. slope to
51.50	Top of Hurricane Ledge, bears N.30°W. and S.30°E. and ridge same bearing. Enter rolling land. Ascend gradually over E. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, over a cross (X) chiseled thereon and in a mound of stone to top, for cor. of secs. 20,

Survey: Subdivision of T. 39 N., R. 9 W.

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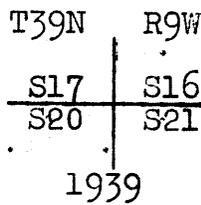
Chains.	<p>21, 28 and 29, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T39N</td> <td style="padding: 0 5px;">R9W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S20</td> <td style="padding: 0 5px;">S21</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S29</td> <td style="padding: 0 5px;">S28</td> </tr> </table> <p style="text-align: center;">1939</p> <p>Land, mountainous, and rolling. Soil, rocky clay, 4th. rate. Timber, none; undergrowth, sagebrush, cliff rose, cacti and a sparse growth of native grass.</p> <hr/> <p>N. 89° 56' E., on a random line, bet. secs. 21 and 28.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 21, 22, 27 and 28.</p> <p>Thence</p> <p>S. 89° 57' W., on true line, bet. secs. 21 and 28.</p> <p>Over rolling land, through scattering undergrowth; ascend 23 ft. over E. slope.</p> <p>9.10 Ungraded road, bears N. 22° W. and S. 6° E.</p> <p>15.60 Point of spur, slopes NE.; descend 15 ft. over NW. slope.</p> <p>22.00 Drain, course NE.; thence along NE. slope.</p> <p>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</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">$\frac{1}{4}$S21</td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">$\frac{1}{4}$S28</td> <td style="padding: 0 5px;"></td> </tr> </table> <p style="text-align: center;">1939</p> <p style="text-align: right;">raise a mound of stone, 2$\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.</p> <p>Over rolling land.</p> <p>52.20 Draw, course NE.; ascend gradually.</p> <p>71.80 Draw, course SE.; course N.; ascend 90 ft. over general E. slope. ascend 90 ft. over general E. slope.</p> <p>80.00 The cor. of secs. 20, 21, 28 and 29.</p> <p>Land, rolling. Soil, gravelly clay, 3rd. rate. Timber, none; undergrowth, sagebrush, cliff rose, algerita, cacti and a fair growth of native grass.</p> <hr/> <p>N. 0° 03' W., bet. secs. 20 and 21.</p> <p>Over rolling land, through scattering undergrowth; along E. slope.</p> <p>2.60 Head of draw, course S. 70° E.; ascend 50 ft. over S. slope.</p>	T39N	R9W	S20	S21	S29	S28	$\frac{1}{4}$ S21		$\frac{1}{4}$ S28	
T39N	R9W										
S20	S21										
S29	S28										
$\frac{1}{4}$ S21											
$\frac{1}{4}$ S28											

- Chains.
- 8.50 Spur, near point, slopes E.; descend 45 ft. over NE.slope.
 - 14.70 Draw, near head, course SE.; ascend 35 ft. over S.slope.
 - 22.60 Flat spur, slopes SE.; descend 10 ft. over NE. slope.
 - 30.50 Head of draw. course N. 75° E.; ascend 10 ft. over SE. slope.
 - 37.50 Flat spur, slopes E.; descend gradually.
 - 40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 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 10 ft. over N. slope.

- 45.00 Head of draw, course N. 75° E.; thence over gently rolling land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 16, 17, 20 and 21, with brass cap marked



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

Land, rolling.
Soil, rocky and gravelly, 3rd. and 4th. rates.
Timber, none; undergrowth, sagebrush, cliff rose, cacti, algerita and a fair growth of native grass.

- N. 89° 57' E., on a random line, bet. secs. 16 and 21.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.08 Intersect N. and S. line, at the cor. of secs. 15, 16, 21 and 22.
- Thence
- S. 89° 57' W., on true line, bet. secs. 16 and 21.
- Over gently rolling land, through scattering undergrowth, ascend 58 ft. over general E. slope.
- 40.04 Set an iron post, 3 ft. long, 1 in. diam., 22 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.

$$\frac{1}{4} \frac{S16}{S21}$$

1939

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

Ascend 5 ft. over SE. slope.

47.20 Ungraded road, bears N. and S.

50.00 Spur, slopes NE.; descend 6 ft. over NW. slope.

58.00 Shallow draw, course NE.; ascend 47 ft. over SE. slope.

75.00 Spur, slopes NE.; descend 23 ft. over NW. slope.

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

Land, gently rolling.

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

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

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

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

2.10 Wide, shallow draw, course NE.; continue over gently rolling land.

18.50 Draw, course N. 75° E.; ascend 48 ft. over rolling SE. 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
$$\begin{array}{c} \frac{1}{4} \\ | \\ S17 \quad | \quad S16 \\ | \\ 1939 \end{array}$$

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

Descend gradually over E. and NE. slopes.

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

$$\begin{array}{cc} T39N & R9W \\ | & | \\ S8 & S9 \\ \hline S17 & S16 \\ | & | \\ 1939 & \end{array}$$

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

Chains.

Land, rolling.
Soil, gravelly clay, 3rd. rate.
Timber, none; undergrowth, sagebrush, cliff rose, algerita
and a fair growth of native grass.

N. 89° 57' E., on a random line, bet. secs. 9 and 16.

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

80.10 Intersect N. and S. line, 12 lks. N. of the cor. of secs.
9, 10, 15 and 16.

Thence

N. 89° 58' W., on true line, bet. secs. 9 and 16.

Over rolling land, through low undergrowth; ascend 33 ft.
over SE. slope.

4.00 Spur, slopes NE.; descend 39 ft. over NW. slope.

12.60 Wash, 10 lks. wide, course NE.; ascend 58 ft. over SE. slope.

40.05 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

$\frac{1}{4}$ $\frac{S9}{S16}$

1939

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

Ascend 12 ft. over gradual SE. slope.

52.50 Ridge, bears NE. and SW.; thence descend gradually over
rolling land.

59.30 Road, bears N. and S.

80.10 The cor. of secs. 8, 9, 16 and 17.

Land, gently rolling.
Soil, rocky clay, 3rd. rate.
Timber, none; undergrowth, sagebrush, algerita and a poor
growth of native grass.

N. 0° 03' W., bet. secs. 8 and 9.

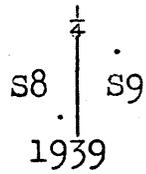
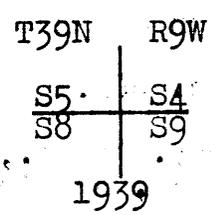
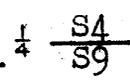
Over rolling land, through undergrowth; descend gradually
over SE. slope.

Descend gradually over NW. slope.

3.80 Draw, course NE.; continue over rolling land.

26.10 Ungraded road, the old Navajo Trail, bears N. 82° E. and
S. 82° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 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

Chains.	
	
	Continue over rolling land.
48.70	Draw, course N. 75° E.
61.90	Draw, course NW.; ungraded road, bears N. 43° W. and S. 18° E.; thence along gradual W. slope.
77.50	Wide draw, course NW.; Dim road, bears NW. and SE. slope. Thence along broken W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 4, 5, 8 and 9, with brass cap marked
	
	raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.
	Land, rolling. Soil, gravelly clay, 3rd. rate. Timber, none; undergrowth, sagebrush; cliff rose, cacti and a fair growth of native grass.
	S. 89° 58' E., on a random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	Thence
	S. 89° 59' W., on true line, bet. secs. 4 and 9.
	Over rolling land, through medium dense undergrowth; descend gradually.
10.70	Draw, course NE.; thence along N. slope; ascend 42 ft.
35.50	Draw, course NE.; continue ascent.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked
	
	1939
	raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.
	Ascend 15 ft. over gradual E. slope.

Chains.

- 46.60 Flat spur, slopes N. 30° E.; descend gradually.
- 58.60 Ungraded road, bears N. 60° E. and S. 60° W.
- 64.80 Gulch, course N.; ascend 25 ft. over E. slope.
- 76.10 Low spur, slopes N.; descend 23 ft. over W. slope.
- 80.10 The cor. of secs. 4, 5, 8 and 9.

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

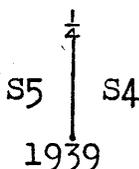
- N. 0° 15' E., on a random line, bet. secs. 4 and 5.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.60 Intersect N. bdy. of Tp., 5 lks. W. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.

Thence

S. 0° 17' W., on true line, bet. secs. 4 and 5.

Over rolling land, through scattering undergrowth; over broken N. slope.

- 38.60 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



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

Continue over rolling land.

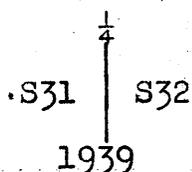
- 78.60 The cor. of secs. 4, 5, 8 and 9.
- Land, rolling.
Soil, gravelly, 3rd. rate.
Timber, none; undergrowth, sagebrush, cliff rose, algerita and a fair growth of native grass.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of Tp., established under this group, as described in the field notes of the N. bdy. of T. 38 N., R. 9 W.

N. 0° 03' W., bet. secs. 31 and 32.

Over nearly level land, through scattering undergrowth, descend over gradual NE. slope.

- 12.45 Ungraded road, bears NW. and SE.
- 13.30 Draw, course NW.; ascend gradually over SW. slope.

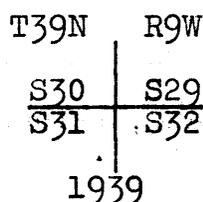
Chains.
40.00Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

Over nearly level land, ascend gradually 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. 29, 30, 31 and 32, with brass cap marked



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

Land, nearly level.

Soil, sandy and gravelly, 2nd. rate.

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

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

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

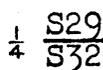
80.16 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence

N. $89^{\circ} 59'$ W., on true line, bet. secs. 29 and 32.

Over heavily rolling land, through scattering undergrowth; descend 84 ft. over W. slope.

16.36 Shallow draw, course N.; ascend 50 ft. over broken E. slope.

40.08 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.

Ascend 12 ft. over E. slope.

43.16 Spur, slopes N.; descend 459 ft. over steep, broken, W. slope.

77.00 Foot of steep descent, thence over nearly level land.

Survey: Subdivision of T. 39 N., R. 9 W.

50

Chains.

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

Land, heavily rolling and mountainous.
Soil, gravelly clay and gypsum, 3rd. and 4th. rate.
Timber, none; undergrowth, sagebrush, cacti and a good growth of native grass.

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

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

76.32 Intersect W. bdy. of Tp., 2 lks. N. of the cor. of secs. 30 and 31 only, hereinbefore described.

Thence

N. 89° 59' E., on true line, bet. secs. 30 and 31.

Over nearly level land, through scattering undergrowth; ascend gradually over SW. slope.

10.32 Ungraded road, the old Navajo trail, bears N. 60° E. and S. 60° W.

36.32 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

$\frac{1}{4}$ $\frac{S30}{S31}$
1939

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

Continue over **nearly level land.**

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

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

Land, nearly level.
Soil, sandy and gravelly, 2nd. and 3rd. rates.
Timber, none; undergrowth, sagebrush, Mormon tea, cacti and a good growth of native grass.

N. 0° 03' W., bet. secs. 29 and 30.

Over nearly level land, through scattering undergrowth; ascend gradually over gentle 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

$\frac{1}{4}$
S30 | S29
1939

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

Descend gradually.

Survey: Subdivision of T. 39 N., R. 9 W.

- Chains
- 44.90 Wash, 15 lks. wide, course W.; ascend 50 ft. over SW.slope.
- 59.30 Top of ascent, bears E. and W.; descend slightly to
- 63.30 Wash, 25 lks. wide, course N.80°W.; thence over gradual W. slope
- 65.40 Ungraded road, the old Navajo Trail, bears N.80°W. and S.80°E.
- 72.00 Leave nearly level and enter mountainous land, bears NW. and SE. Ascend 65 ft. over steep, rocky SW. slope to
- 77.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for witness cor. to cor. of secs. 19,20, 29 and 30, with brass cap marked

WC	
T39N	R9W
S19	S20
S30	S29

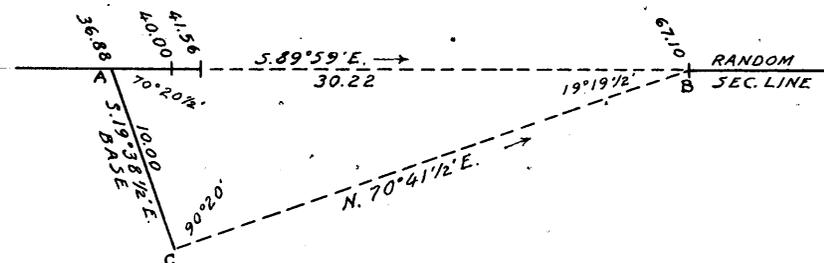
1939

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

- Ascend 55 ft. over steep, rocky SW. slope to
- 80.00 True point for cor. of secs. 19, 20, 29 and 30 is on precipitous SW. slope where it is impracticable to monument the cor., therefore establish witness cor. on line at 3.00 chs. S.0°03'E. as described above.

Land, S. 72 chs. nearly level; N. 8 chs. mountainous. Soil, sandy, gravelly, and rocky, 2nd, 3rd and 4th rates. Timber, none. Undergrowth, Mormon tea, sagebrush, cacti, and a good growth of native grass.

- From the true point for cor. of secs.19,20,29 and 30, S.89°59'E., on a random line, bet. secs. 20 and 29.
- 36.83 Triangulation point "A" of a triangulated measurement hereinafter described. Continue line and measurement by chaining.
- 40.00 Set temp. ¼ sec. cor.
- 41.56 Foot of cliffs from Hurricane Ledge, facing W. over which chaining is impracticable, therefore discontinue chaining at this point. Return to 36.88 ch. station and triangulate measurement of the random line to top of Hurricane Ledge as follows:



Designate 36.88 ch. station on random line as point "A", and set a flag "B" ahead on random line at top of the Hurricane Ledge, the vertical angle to which is +17½°.

From "A" chain a base S.19°33½'E. to point "C" from

Chains	<p>which the flag "B" bears N.70°41½'E.</p> <p>Included angles of the triangle "A-B-C" are: 70°20½', 19°19½', and 90°20'; the sum of which is 180°00'.</p> <p>Chained dist.on random line to "A" = 36.88 chs. Triang. dist.on random line "A" to "B" = 30.22 "</p> <p>Total dist., sec.cor. to "B" = 67.10 chs.</p>
67.10	Triang. point "B". Resume chaining and continue line and measurement.
80.18	Intersect N. and S. line 9 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence
	N.89°55'W., on true line, bet. secs. 20 and 29.
	Over mountainous land, through scattering undergrowth. Ascend 50 ft. over broken NE. slope.
13.08	Top of Hurricane Ledge, bears N.30°W. and S.30°E. Discontinue chaining. Descend about 696 ft. over a series of cliffs facing W. Measurement by triangulation hereinbefore described.
38.62	Foot of cliffs, bears N.20°W. and S.20°E. Resume chaining. Descend gradually to
38.70	Draw, course N.20°W. into canyon about 13.00 chs. dist. Ascend 20 ft. over E. slope to
40.09	Set an iron post, 3 ft. long, 1 in. in diam.; 28 ins. in the ground, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{r} S20 \\ \hline S29 \\ 1939 \end{array}$
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Ascend 47 ft. over E. slope.
43.23	Spur, slopes N.; descend 204 ft. over NW. slope.
55.18	Wash, 60 lks. wide, in bottom of canyon, course SW.; ascend 66 ft. over SE. slope.
61.18	Spur, slopes S.; descend 126 ft. over broken W. slope.
65.48	Ungraded road, the old Navajo Trail, bears N. and S.
67.73	Wash, 30 lks. wide, in bottom of small canyon, course S. 10°W.; ascend 216 ft. over E. slope.
75.53	Spur, slopes S.; descend 179 ft. over steep SW. slope to
80.18	True point for cor. of secs. 19, 20, 29 and 30.
	Land, mountainous. Soil, rocky clay, 3rd and 4th rates. Timber, none. Undergrowth, sagebrush, algerita, and a fair growth of native grass.

Chains.

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

S. 89° 59' W., on a random line, bet. secs. 19 and 30.

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

76.24 Intersect W. bdy. of Tp., at the cor. of secs. 19 and 30 only, hereinbefore described.

Thence

N. 89° 59' E., on true line, bet. secs. 19 and 30.

Over nearly level land, through scattering undergrowth.

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

36.24 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

$\frac{1}{4}$ $\frac{S19}{S30}$

1939

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

Continue over nearly level land.

47.74 Wash, 30 lks. wide, course NW.; descend slightly over N. slope.

63.44 Ungraded road, bears N. 20° W. and S. 20° E.; foot of steep ascent; ascend 220 ft. over steep SW. slope.

76.24 The true point for the cor. of secs. 19, 20, 29 and 30.

Land, nearly level and mountainous.

Soil, sandy and rocky, 2nd. and 3rd. rates.

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

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

N. 0° 03' W., bet. secs. 19 and 20.

Over mountainous land, through scattering undergrowth; ascend 330 ft. over steep, rocky SW. slope.

19.00 Spur, slopes S. 10° E.; descend 114 ft. along steep, broken NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S19 | S20

1939

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

Chains.

Ascend 30 ft. along E. slope.

53.50 Top of ascent, descend gradually, over NE. slope.

57.50 Ravine, course S. 20° E.; ascend 140 ft. over steep SW. slope.

67.30 Spur, slopes S. 10° E.; continue ascent 20 ft. over SW. slope.

73.00 Saddle in spur, slopes SW.; ascend 14 ft. along steep, rocky W. slope of spur.

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

T39N	R9W
S18	S17
S19	S20
1939	

Land, mountainous.

Soil, rocky, 3rd. rate.

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

S. 89° 55' E., on a random line, bet. secs. 17 and 20.

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

80.18 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence

N. 89° 52' W., on true line, bet. secs. 17 and 20.

Over rolling land, through low undergrowth; descend gradually over NW. slope.

2.00 Shallow draw, course NE.; ascend 63 ft. over general NE. slope.

39.50 Hurricane ledge, bears N. 30° W. and S. 15° E.; descend 24 ft. over SW. slope.

40.09 Set an iron post, 3 ft. long, 1 in. diam., 4 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

$\frac{1}{4}$	S17
	S20

1939

Descend 182 ft. over steep, broken SW. slope.

51.10 Top of rimrock, 50 ft. high, bears N. 15° W. and S. 15° E.; descend 298 ft. over broken W. slope.

- Chains
- 61.80 Wash, 10 lks. wide, in bottom of canyon, course SW. for 5 chs., thence S. Asc. 168 ft. along spur sloping E.
- 77.50 Ungraded road, old Navajo Trail, bears N. and S.
- 73.77 Spur, slopes S. and head of spur, sloping E. Descend 61 ft. over rocky W. slope to
- 80.18 The cor. of secs. 17, 18, 19 and 20.

Land, gently rolling, and mountainous.
 Soil, rocky clay, 3rd and 4th rates.
 Timber, none.
 Undergrowth, sagebrush, algerita, and a fair growth of native grass.

The E. 30 chs. (approx.) of the line bet. secs. 18 and 19 crosses a precipitous W. slope broken by cliffs, over which chaining is impracticable, therefore triangulate measurement of the entire sec. line as follows:

Designate cor. of secs. 17, 18, 19 and 20 as triang. point "A".

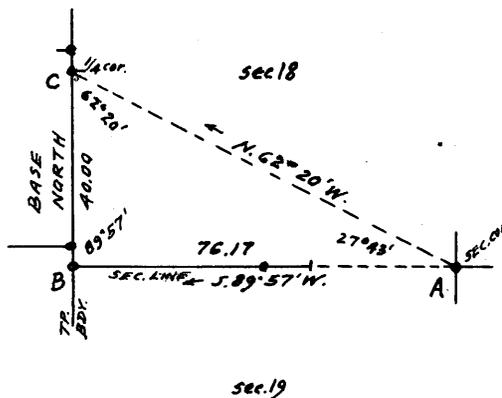
Set flag "B" on cor. of secs. 18 and 19 on W. bdy. of Tp., the vertical angle to which is $-9\frac{3}{4}^\circ$ and the bearing from "A" is $S. 89^\circ 57' W.$

Set flag "C" on the $W. \frac{1}{4}$ sec. cor. of sec. 18 on the W. bdy. of the Tp., the bearing to which, from "A" is $N. 62^\circ 20' W.$

The base for this triangulation is therefore, North, 40.00 chs. from "B" to "C".

Included angles of the triangle "A-B-C" are: $27^\circ 43'$, $89^\circ 57'$, and $62^\circ 20'$; the sum of which is $180^\circ 00'$.

Triang. dist. from "A" to "B" = 76.17 chs. $S. 89^\circ 57' W.$



- 76.17 Intersect the cor. of secs. 18 and 19, on the West bdy. of the Tp., hereinbefore described.

Thence

$N. 89^\circ 57' E.$, on true line, bet. secs. 18 and 19.

Over nearly level land, thru scattering undergrowth. Descend gradually.

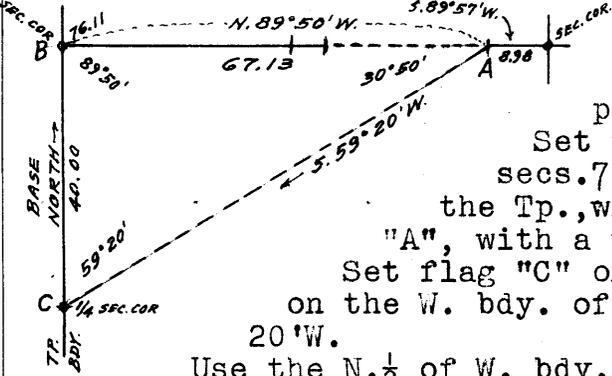
- 12.10 Ungraded road, bears $N. 20^\circ W.$ and $S. 20^\circ E.$
- 15.00 Draw, course $N. 20^\circ W.$; ascend 45 ft. over gradual W. slope to $\frac{1}{4}$ sec. cor.
- 31.00 Ungraded road, bears NW. and SE.
- 36.17 Set an iron post, $\frac{3}{4}$ ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 18
 $\frac{1}{4}$ —————
 S 19

1939

Survey: Subdivision of T.39 N., R.9 W.

Chains	<p>with brass cap marked</p> $\begin{array}{c} \frac{1}{4} \\ \text{S18} \mid \text{S17} \\ \text{W} \mid \text{C} \\ 1939 \end{array}$ <p>Descend 60 ft. over rolling E. and NE. slopes to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked</p> $\begin{array}{c} \text{T39N} \quad \text{R9W} \\ \text{S7} \mid \text{S8} \\ \text{S18} \mid \text{S17} \\ 1939 \end{array}$ <p>of stone, 3 ft. base, 2 ft. high, W. of cor. raise a mound</p> <p>Land, S. 45 chs. mountainous; remainder, rolling. Soil, gravelly clay and rocky, 3rd and 4th rates. Timber, none. Undergrowth, sagebrush, algerita, cacti and a fair growth of native grass.</p>
40.00	<p>S.89° 52'E., on random line, bet. secs. 8 and 17.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p>
80.12	<p>Intersect N. and S. line 5 lks. S. of the cor. of secs. 8, 9, 16 and 17.</p>
5.00	<p>Thence</p> <p>N.89° 54'W., on true line, bet. secs. 8 and 17.</p>
40.06	<p>Over rolling land, thru scattering undergrowth. Descend 6 ft. over NW. slope.</p> <p>Wide draw, course NE.; ascend 82 ft. over SE. slope to</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> $\begin{array}{c} \text{S 8} \\ \frac{1}{4} \text{---} \\ \text{S 17} \\ 1939 \end{array}$ <p>of stone, 2$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor. raise a mound</p>
59.60	<p>Ascend 15 ft. over SE. slope.</p> <p>Rim, bears N. and S. Enter mountainous land. Descend 137 ft. over W. slope.</p>
65.10	<p>Bottom of canyon, course S. Ungraded road, the old Navajo Trail, bears N.3°E. and S.3°W. Ascend 97 ft. over E. slope.</p>
69.92	<p>Spur, slopes S.10°E.; descend 90 ft. over SW. slope.</p>
71.00	<p>Bottom of ravine, course S.20°E. Ungraded road in same, bears N.20°W. and S.20°E. Enter heavily rolling land. Ascend 53 ft. over NE. slope to</p>

Chains 30.12	<p>The cor. of secs. 7, 8, 17 and 18.</p> <p>Land, rolling and mountainous. Soil, gravelly and rocky clay, 3rd and 4th rates. Timber, none. Undergrowth, sagebrush, algerita, cacti and a poor growth of native grass.</p>
8.98	<p>S.89° 57'W., on random line, bet. secs. 7 and 18.</p> <p>Discontinue chaining at this point owing to precipitous descent over cliffs, and triangulate measurement of the line across the cliffs as follows:</p>  <p>Designate 8.98 ch. station on random line as triang. point "A". Set flag "B" at the cor. of secs. 7 and 18 on the W. bdy. of the Tp., which bears N.89°50'W. from "A", with a vertical angle of $-15\frac{3}{4}^\circ$. Set flag "C" on the $\frac{1}{4}$ sec. cor. of sec. 18 on the W. bdy. of the Tp., which bears S.59°20'W. Use the N. $\frac{1}{2}$ of W. bdy. of sec. 18 (C-B, North, 40.00 chs.) as a base for this triangulation.</p> <p>Included angles of the triangle "A-B-C" are: 30°50', 89°50', and 59°20'; the sum of which is 180°00'.</p> <p>Chained dist. on random line to "A" = 8.98 chs. S.89°57'W. Triang. dist. from "A" to "B" = 67.13 " N.89°50'W.</p> <p>Departure of lines from cor. of secs. 7, 8, 17 and 18 to "B" = 76.11 chs. W., the latitude of which is 19 lks. N.</p> <p>The random line extended S.89°57'W. from "A" will at</p>
76.11	<p>Intersect the W. bdy. of the Tp. 26 lks. S. of the cor. of secs. 7 and 18, hereinbefore described.</p> <p>Thence</p> <p>S.89° 51'E., on true line, bet. secs. 7 and 18.</p> <p>Over gently rolling land, thru scattering undergrowth. Chaining measurement to foot of precipitous W. slope from Hurricane Ledge. Ascend 190 ft. over SW. slope to $\frac{1}{4}$ sec. cor., slope becoming gradually steeper.</p>
36.11	<p>Set an iron post, $\frac{3}{4}$ ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> $\frac{1}{4} \frac{S 7}{S 18}$ <p>1939</p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Ascend 36 ft. over SW. slope to</p>
40.60	<p>Drain, course S.70°W., and foot of steep slope, bears N.20°W. and S:20°E: Discontinue chaining. Enter mountainous land. Ascend about 1020 ft. over precipitous W. slope and cliffs, measurement by triangulation.</p>

Chains 67.13	Top of Hurricane Ledge, bears N.20°W. and S.20°E. Enter heavily rolling land. Resume chaining and continue line and measurement. Descend 136 ft. over NE. slope to
76.11	The cor. of secs. 7, 8, 17 and 18. Land, W. 40.60 chs. rolling; remainder, mountainous and heavily rolling. Soil, gravelly clay, 2nd rate, in W. 40.60 chs.; rocky, 4th rate, in remainder. Timber, none. Undergrowth, sagebrush, Mormon tea, algerita, cacti, and a good growth of native grass in W. 40 chs.
	N.0° 03'W., bet. secs. 7 and 8. Over heavily rolling land, thru scattering undergrowth. Descend 30 ft. over NE. slope.
14.70	Bottom of ravine, course S.25°E.; ungraded road in same, bears N.25°W. and S.25°E. Ascend 65 ft. over SW. slope.
24.00	Spur, slopes N. from W., and head of spur sloping S.20°E. Descend gradually along top of spur.
30.00	Leave top of spur, sloping NE. from S. Descend gradually over NW. slope.
34.00	A point 7 chs. E. from a road bearing N. and S.
40.00	Set an iron post, $\frac{3}{4}$ ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\begin{array}{c} \frac{1}{4} \\ \text{S7} \mid \text{S8} \\ 1939 \end{array}$ raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend 30 ft. over N. slope.
50.80	Bottom of ravine, course NW.; descend along W. slope.
55.00	Bottom of ravine, course NE.; ascend 15 ft. over SE. slope.
60.00	Low spur, slopes NE.; descend 36 ft. over NW. slope.
67.20	Ungraded road, bears N.70°E. and S.45°W.
69.10	Bottom of ravine, 3 lks. wide, course N.70°E. from S.45°W. Ascend slightly over E. slope.
70.00	Drain, 3 lks. wide, course S.60°E.
72.13	Drain, 3 lks. wide, course S.70°E. Ascend 45 ft. over SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5,6,7 and 8, with brass cap marked $\begin{array}{c} \text{T39N} \mid \text{R9W} \\ \text{S6} \mid \text{S5} \\ \text{S7} \mid \text{S8} \\ 1939 \end{array}$

Chains	<p style="text-align: right;">raise a mound of stone, 3½ ft. base, 2½ ft. high, W. of cor.</p> <p>Land, heavily and gently rolling. Soil, gravelly clay, 2nd rate. Timber, none. Undergrowth, sagebrush, Mormon tea, algerita, cacti, and a fair growth of native grass.</p>
40.00	<p>S.89° 54'E., on random line, bet. secs. 5 and 8. Set temp. ¼ sec. cor.</p>
79.96	<p>Intersect N. and S. line 7 lks. S. of the cor. of secs. 4, 5, 8 and 9. Thence N.89° 57'W., on true line, bet. secs. 5 and 8. Over gently rolling land, thru dense undergrowth. Descend gradually over NW. slope.</p>
4.00	Dim, ungraded road, bears N.50°W. and S.50°E.
4.50	Ungraded road, bears N.5°W. and S.5°E.
13.70	Draw, course N.; enter rolling land with steeper slopes. Ascend 80 ft. over E. slope.
38.00	Flat-topped spur, slopes N.30°E. Descend 20 ft. over W. slope to
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S \ 5}{S \ 8}$ <p>1939</p>
	Descend 80 ft. over W. slope.
51.20	Draw, course N. Thence over N. slope with slight changes in elevation.
58.00	Draw, course NE.; ascend 94 ft. over SE. slope to sec.cor.
59.20	Ungraded road, bears N.55°E. and S.65°W.
79.96	<p>The cor. of secs. 5, 6, 7 and 8. Land, rolling. Soil, gravelly and rocky clay, 3rd and 4th rates. Timber, none. Undergrowth, sagebrush; algerita, cacti, and a fair growth of native grass.</p>
40.00	<p>N.89° 51'W., on random line, bet. secs. 6 and 7. Set temp. ¼ sec. cor.</p>
41.51	<p>Top of Hurricane Ledge, bears N.20°W. and S.20°E. Discontinue chaining on random line at this point, owing to cliffs and precipitous slopes ahead, and</p>

Chains

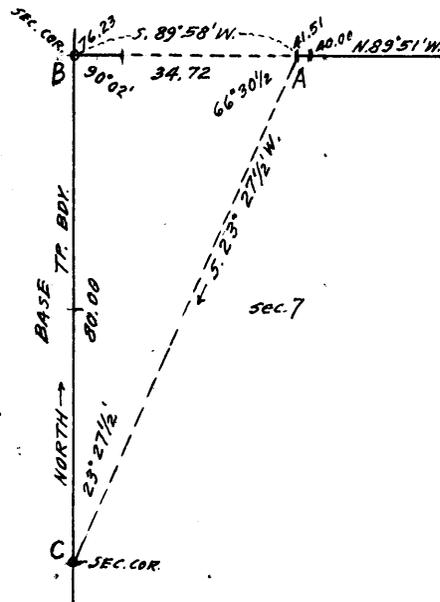
triangulate measurement of remainder of line as follows:

Designate 41.51 ch. station on random line as triang. point "A".

Set flag "B" at the cor. of secs. 6 and 7 on the W. bdy. of the Tp., which bears S.89°58'W., and the vertical angle to which, from "A" is -26 $\frac{3}{4}$ °.

Set flag "C" on the cor. of secs. 7 and 18 on the W. bdy. of the Tp., which bears S.23°27 $\frac{1}{2}$ 'W.

Use the W. bdy. of sec. 7 (C-B, North 80.00 chs.) as a base for this triangulation.



Included angles of the triangle "A-B-C" are: 66°30 $\frac{1}{2}$ ', 90°02', and 23°27 $\frac{1}{2}$ '; the sum of which is 180°00'.

Chained dist. on random line to "A" = 41.51 chs. N.89°51'
 Triang. dist. from "A" to "B" = 34.72 "

Departure of lines from cor. of secs. 5, 6, 7 and 8 to "B" = 76.23 chs. W., the latitude of which is 9 lks. N.

76.23 The random line extended N.89°51'W. from "A" will at
 Intersect the W. bdy. of the Tp. 11 lks. N. of the cor. of
 secs. 6 and 7, hereinbefore described.

Thence

S.89°56'E., on true line, bet. secs. 6 and 7.

Over gently rolling land, thru scattering undergrowth.
 Chaining measurement to foot of precipitous W. slope.
 Ascend 60 ft. over gradual SW. slope to

8.00 Foot of precipitous slope and cliffs, bearing N.20°W. and
 S.20°E. Discontinue chaining. Enter mountainous land.
 Ascend 1090 ft. over precipitous W. slope and cliffs.
 Measurement by triangulation hereinbefore described.

34.72 Top of Hurricane Ledge, bears N.20°W. and S.20°E., and top
 of perpendicular cliffs, same bearing, facing W., and
 divide between Hurricane Wash to the W. and Clayhole
 Wash to the E. Enter rolling land. Resume chaining and
 continue line and measurement.
 Descend 25 ft. over E. slope to

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

S 6
 $\frac{1}{4}$ ———
 S 7

1939

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

Descend 142 ft. over E. slope.

62.03 Road, bears N.20°W. and S.

Chains	
62.43	Draw, course S.25°E.; ascend 102 ft. over SW. slope.
70.43	Rimrock, 15 ft. high, bears NW. and SE., facing SW. Thence across point of detached spur, sloping SE.
73.83	Same rimrock, 10 ft. high, bears NE. and SW., facing SE. Leave point of spur. Descend 65 ft. over face of rimrock and steep SE. slope to
76.23	The cor. of secs. 5, 6, 7 and 8. Land, rolling and mountainous. Soil, gravelly clay, and rocky, 3rd and 4th rates. Timber, none. Undergrowth, sagebrush, algerita, cacti, and a fair growth of native grass.
	N.0° 17'E., on random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.52	Intersect the N. bdy. of the Tp. 2 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described. Thence S.0° 18'W., on true line, bet. secs. 5 and 6. Over rolling land, thru scattering undergrowth. Ascend 46 ft. over NW. and W. slopes.
11.22	Draw, course N.20°W., near head; ascend gradually over NE. slope.
21.70	N. rim of ravine, bears E. and W. Enter mountainous land. Descend 73 ft. over S. slope.
24.62	Bottom of ravine, course E.; ascend 84 ft. over N. slope.
27.32	S. rim of ravine, bears E. and W. Enter rolling land. Along E. slope.
37.20	Draw, course N.80°E.; ascend 20 ft. over NE. slope to
38.52	Set an iron post, 3 ft. long, 1 in. in diam., on exposed 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 $\begin{array}{c} \frac{1}{4} \\ \text{S6} \mid \text{S5} \\ 1939 \end{array}$ Ascend 20 ft. over NE. slope.
43.80	Thence over E. slope.
48.60	Descend 23 ft. over SE. slope.
53.00	Bottom of ravine, 3 lks. wide, course E. for about 10 chs., thence NE. Ascend 47 ft. over NE. and E. slopes.
75.82	Rimrock, 8 ft. high, bears NE. and SW. facing SE. Descend 50 ft. over same and steep SE. slope to
78.52	The cor. of secs. 5, 6, 7 and 8. Land, rolling and mountainous. Soil, gravelly clay, and rocky, 3rd and 4th rates.

Survey: Subdivision of T. 39 N., R. 9 W.

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Timber, none.

Undergrowth, sagebrush, cacti, algerita, and a fair growth of native grass.

GENERAL DESCRIPTION.

The greater portion of this township lies on the Uinkaret Plateau, in the Virgin River drainage. The Hurricane Ledge, ranging from 800 to 1100 ft. in height above the Hurricane Valley, extends in a general NW. and SE. direction, thru secs. 6, 7, 17, 18, 20, 28, 29 and 33. The surface is rolling mesa in the eastern portion, and rolling and nearly level in the western portion, westerly from the foot of the precipitous slopes from the Hurricane Ledge. The average elevation on the Uinkaret Plateau is about 5000 ft. above sea level, and below the slopes from Hurricane Ledge in the western part the average elevation is 4200 ft.

There are various classes of soils, the principal kinds being: sandy, 2nd rate; gravelly clay, 3rd rate; and rocky, 4th rate.

The principal drainage of the township is northeasterly thru washes, draws, and ravines, into Clayhole Wash, which crosses the adjoining townships E., NE., and N. To the west of Hurricane Ledge the drainage is westerly into Hurricane Wash, which crosses the adjoining township to the W. There is no permanent flowing stream in the township. Near the N. bdy. of the Tp., in the NW $\frac{1}{4}$ of sec. 1, a concrete dam has been constructed across a wash in bottom of canyon, creating a storage tank, known as the A.R. Brinkerhof Tank, which has water in it periodically, used for stock watering purposes. Another stock watering tank, known as the Bill Spendlode Tank, is located in the NW $\frac{1}{4}$ of sec. 35, which is capable of holding a considerable supply of water, but it was dry at the time of this survey. A small lake bed, dry at time of survey, is located in the SE $\frac{1}{4}$ of sec. 12, on the E. bdy. of the Tp., extending into the adjoining Tp.

There is no timber in the township. The undergrowth is sagebrush, algerita, Mormon tea and cacti, with a growth of grass, ranging from fair to good quality, suitable for stock grazing, which is the principal industrial pursuit of this area at the present time.

The two principal roads in the township are: the ungraded Hurricane-Mt. Trumbull road, with a general N. and S. bearing thru secs. 1, 12, 13, 24, 25, 26 and 35; and an ungraded road called the Navajo Trail, which in former years was used by the Navajo Indians in travel between the Reservation and St. George, Utah. This road traverses secs. 12, 11, 10, 3, 9, and 8, in a general E. and W. direction, and from a point in SW $\frac{1}{4}$ of sec. 8 extends in a general NE. and SW. direction thru secs. 17, 20, 29, and 30. This latter portion of the road is quite steep as it crosses Hurricane Ledge.

There are no settlers residing in the township.

Near the center of sec. 26 is a small mine, little more than a prospect hole, but giving evidence of a deposit of copper and other valuable minerals. This mine was not in operation at the time of the survey. No other evidence of valuable mineral deposits was found in the township.

FINAL FIELD TESTS OF INSTRUMENTS.

Buff and Buff transit No. 16723.
H. M. Muscott, Surveyor.

June 25, 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°43 $\frac{1}{2}$ ' N., longitude

113°15½' W., examine the adjustments of Buff and Buff transit No. 9984 and find no errors. Then, to test the solar apparatus of same by comparison of its indications with a true meridian established at this station June 11, 1939, by Polaris observation, as described in field notes of resurvey of West bdy., and survey of North boundary and Subdivisional lines of T. 38 N., R. 9 W., executed under this group, proceed as follows:

At 8h., 00m., a.m., app.t., set off 36° 43½' N. on the lat. arc; 23° 25' 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° 24½' 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 23° 24½' 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 the same which are described in the foregoing field notes.

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

June 25, 1939;

At same station where the above described 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 comparison of its indications with the same true meridian, proceed as follows:

At 8h., 00m., a.m., app.t., set off 36° 43½' N. on the lat. arc; 23° 25' 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° 24½' 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 23° 24½' 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 Motech, Public Land Surveyor.

June 25, 1939;

At same station where the 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 comparison of its indications with the same true meridian, proceed as follows;

At 8h. 00m., a.m., app.t., set off 36° 43½' N. on the lat. arc; 23° 25' 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 $23^{\circ}24\frac{1}{2}'N.$ 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 $23^{\circ}24\frac{1}{2}'N.$ on the decl. arc; and determine a meridian with the solar, which agrees with computed decl. of the sun.

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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BOOK 4255

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 39 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, Arizona,
February 1, 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~~
~~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.~~

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, 1936, I have surveyed

Part of the Subdivisional lines of Township 39 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, Arizona.
February 1, 1940.

Claude F. Warner
Transitman.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS

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The foregoing field notes of the survey of

executed by
under special instructions dated
instructions dated
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

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BOOK 4255

CERTIFICATE OF SURVEYOR

I, Horace M. Muscott, 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 the West and North
boundaries and Part of the Subdiviaional lines of
Township 39 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, Arizona.
January 23, 1940.

Horace M. Muscott
 Surveyor.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,
 Denver, Colo., October 26, 1942

The foregoing field notes of the survey of the West and North boundaries and
Subdivisional lines of Township 39 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;
executed by and Frank Moteh, Public Land Surveyor.
 under ^{supplemental} 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 survey
 therein described, are hereby approved.

Samuel 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.~~