

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

ECCN: 4254

FIELD NOTES

OF SURVEY OF

WEST BOUNDARY,

NORTH BOUNDARY

AND

SUBDIVISIONAL LINES OF

TOWNSHIP 39 NORTH, RANGE 10 WEST.

Of the Gila and Salt River Meridian,

In the State of ARIZONA.

EXECUTED BY

Horace M. Muscott, Surveyor,

Claude F. Warner, Transitman,

Frank Moteh, Public Land Surveyor.

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

Survey commenced April 30, 1939.

Survey completed May 6, 1939.

4254

INDEX DIAGRAM.

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- Lines of accepted surveys. (surveyed 1934; accepted 1935)
- ===== Lines resurveyed under this group.
- Lines surveyed under this group.
- Lines surveyed under current Group No. 211.
- Areas surveyed (1934) as per accepted (1935) 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. 3526. 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. 39N., 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.

April 29, 1939;

At same station where the preceding instrument test was 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 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 the 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 its use on the surveys herein described.

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

April 29, 1939;

At same station where the two preceding instrument tests were made, examine the adjustments of Youngs 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 $36^{\circ}46'$ 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 its use on the surveys herein described.

Survey: West Boundary of T. 39 N., R. 10 W.

3

Chains.

From the cor. of Tps. 38 and 39 N., Rgs. 10 and 11 W., which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record and witnessed by a mound of stone S. of cor.

Thence

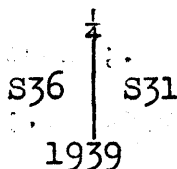
North, bet. secs. 31 and 36.

Over rolling land, through scattering undergrowth; ascend 36 ft. over gradual SW. slope.

8.00 Road, ungraded, the old Navajo Trail, bears N. 40° W. and S. 40° E.

31.50 Detached spur, slopes NE., from W., descend 29 ft. over N. slope.

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



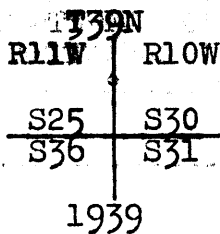
raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Descend 12 ft. over gradual N. slope.

48.20 Draw, course SE.; ungraded road in draw, bears NW. and SE.; ascend 80 ft. over SW. slope.

75.00 Foot of steep ascent, bears NW. and SE.; ascend 46 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 25, 30, 31 and 36, with brass cap marked



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

Land, rolling.

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

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

North, bet. secs. 25 and 30.

Over rolling land, through scattering undergrowth, ascend 96 ft. over steep SW. slope.

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

Survey: West Boundary of T. 39 N., R. 10 W.

4

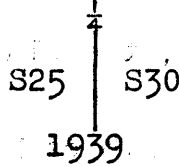
Chains.

19.10 Thence descend 135 ft. over steep NW. slope.

26.10 Wash, near head, 6 lks. wide, course NE.; ascend 120 ft. over SE. slope.

35.70 Short spur, slopes NE., from W.; descend 68 ft. over NW. 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



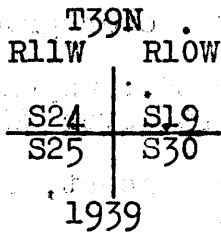
raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

Descend 27 ft. over N. slope.

41.25 Ravine, course E.; ascend 73 ft. over SE. slope.

52.80 Short spur, slopes NE.; descend 156 ft. over NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 19, 24, 25 and 30, with brass cap marked.



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

Land, heavily rolling.

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

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

North, bet. secs. 19 and 24.

Over heavily rolling land, through scattering undergrowth; descend 40 ft. over N. slope.

15.80 Wash, 15 lks. wide, course NE.; ascend 120 ft. over SE. slope.

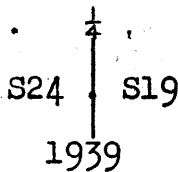
16.30 Ungraded road, bears NE. and SW.

27.75 Spur, slopes NE.; descend 93 ft. over N. slope.

36.90 Ravine, course E.; ascend 50 ft. over S. slope.

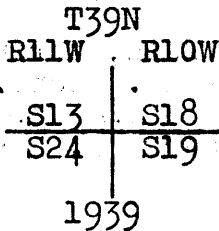
40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, with stone 4x3x1 1/2 ins. deposited at base of post and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

Chains.



Thence across flat top of spur.

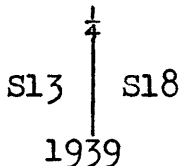
- 40.40 Spur, slopes E.; descend 32 ft. over N. slope.
- 42.80 Ravine, 4 lks. wide, course E.; ascend 55 ft. over S. slope.
- 48.50 Spur, slopes N. 65° E.; desc. 100 ft. over N. slope.
- 68.30 Cut wash, 10 lks. wide, banks 10 ft. high, course E.; ascend 52 ft. over S. slope.
- 71.50 Short spur, slopes E.; descend 85 ft. over N. 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. 13, 18, 19 and 24, with brass cap marked



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

North, bet. secs. 13 and 18.

- Over heavily rolling land, through scattering undergrowth; descend 6 ft. to.
- 0.30 Ravine, 8 lks. wide, course E.; ascend 133 ft. over S. slope.
- 9.76 Spur, slopes E.; descend 60 ft. over N. slope.
- 19.40 Ravine, 8 lks. wide, course E.; ascend 141 ft. over S. slope.
- 30.60 Spur, slopes E.; descend 29 ft. over rolling NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, with stone marked with a X at base of post, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

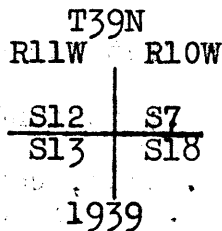


Descend 96 ft. over NE. slope.

- 61.60 Draw, course NW.; ascend 38 ft. over rolling SW. slope.
- 73.00 Low, short spur, slopes W.; descend 20 ft. over NW. slope to

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 7, 12, 13 and 18, with brass cap marked



Land, rolling hills..

Soil, rocky clay, 3rd. rate.

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

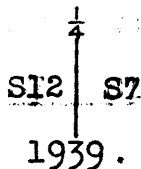
North, bet. secs. 7 and 12.

Over rolling land, through scattering undergrowth; descend 40 ft. over NW. slope.

7.90 Dim road, bears N.40°E. and S.20°W.

8.50 Wide draw, course N. 40° E.; ascend 70 ft. over rolling SE. slope.

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



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

Ascend 56 ft. over rolling SE. slope.

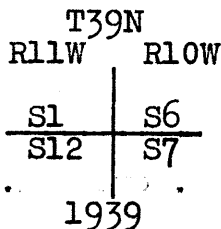
56.50 Short spur, slopes E.; descend 40 ft. over N. slope.

65.75 Rocky ravine, 5 lks. wide, course E.; ascend 74 ft. over S. slope.

69.50 Top of steep ascent, bears E. and W.; ascend gradually.

74.50 Spur, slopes E.; thence along gradual NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 1, 6, 7 and 12, with brass cap marked



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

Survey: West Boundary of T.39 N., R.10 W.

7

Chains	<p>Land, rolling. Soil, rocky and gravelly clay, 3rd rate. Timber, none. Undergrowth, sagebrush, Mormon tea, cliff rose, and a good growth of native grass.</p>
	<p>North, bet. secs. 1 and 6.</p> <p>Over heavily rolling land, thru scattering undergrowth. Descend 93 ft. over N. slope.</p>
12.70	Bottom of rocky ravine, 8 lks.wide, course E.; ascend 88 ft. over SE. slope.
25.50	Spur, slopes NE.; descend gradually.
40.00	Set an iron post, 3 ft. long, 1 in.in diam., 20 ins. in ground to bedrock, with a granite stone 6x3x2 ins. marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{2} \\ \text{S1} \mid \text{S6} \\ 1939 \end{array}$
	Descend gradually.
40.40	Shallow drain, course NE.; ascend 29 ft. over SE. slope.
43.90	Ungraded road, bears NE. and SW.
50.80	Low, rocky spur, slopes NE.; descend 80 ft. over NW. slope.
66.70	Dim, ungraded road, bears N.20°W. and S.20°E.
72.90	Shallow drain, course E.; ascend gradually to
73.60	(Theoretically due West from the cor. of Ts. 39 and 40 N., Rs.9 and 10 W.) Set an iron post, 3 ft. long, 3 ins. in diam., on exposed bedrock, over a cross (X) marked thereon, and in a mound of stone to top, for cor. of Ts. 39 and 40 N., Rs.10 and 11 W., with brass cap marked
	$\begin{array}{c} \text{T40N} \\ \text{R11W} \mid \text{R10W} \\ \text{S36} \mid \text{S31} \\ \hline \text{S1} \mid \text{S6} \\ \text{T39N} \\ 1939 \end{array}$
	<p>Land, heavily rolling. Soil, rocky and gravelly clay, 3rd and 4th rates. Timber, none. Undergrowth, Mormon tea, cliff rose, cacti, sagebrush, and a good growth of native grass.</p>

Chains

From the cor. of Ts. 39 and 40 N., Rs. 9 and 10 W.,
West, on random line, N. of T. 39 N., R.10 W.

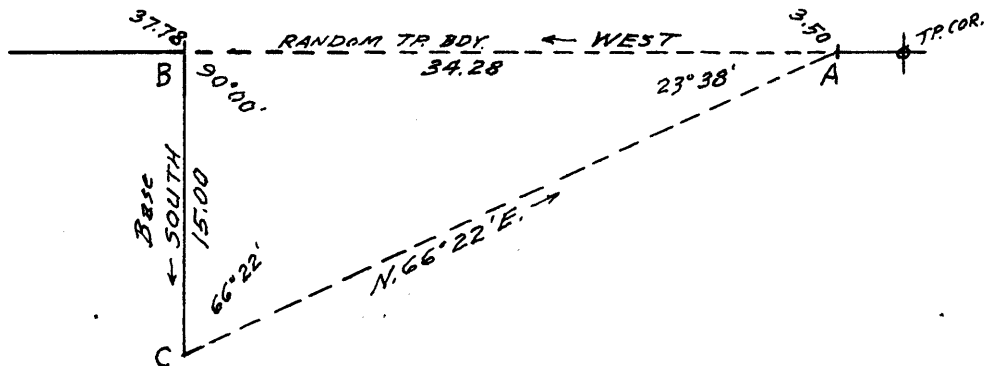
3.50

Top of Hurricane Ledge, bears N.10°W. and S.10°E.
Beyond this point the line passes over a series of
cliffs, facing W., over which chaining is impracticable,
therefore discontinue chaining at this point and triangulate
measurement as follows:

Set flag on random Tp.bdy. at 3.50 ch. station, designated
as triangulation point "A".

Set another flag ahead on line at base of cliffs,
designated as triangulation point "B", the vertical
angle to which, from "A", is -25°.

From point "B" chain a base, South, 15.00 chs. to
triangulation point "C", from which flag "A" bears
N.66°22'E.



Included angles of the triangle "A-B-C" are: 23°38',
90°00', and 66°22'; the sum of which is 180°00'.

Chained dist. on random line, Tp. cor. to "A" = 3.50 chs. W.
Triangulated dist. "A" to "B" = 34.28 " "

Total dist. on random line, Tp. cor. to "B" = 37.78 chs. W.

37.78

Triang. point "B". Resume chaining, continue line and
measurement, and set temp. cors. at 40 ch. intervals
until at

478.03

Intersect N. and S. line at 42 lks. S. of the cor. of Ts.
39 and 40 N., Rs. 10 and 11 W., established under this
group as hereinbefore described.

Thence

S.89° 57'E., on true line, bet. secs. 6 and 31.

Over rolling land, thru scattering undergrowth.

Descend 16 ft. along N. side of drain, course easterly.

6.33

Top of lava ledge, 10 ft. high, bears N.70°E. and S.70°W.
Descend 50 ft. over steep SE. slope.

13.73

Drain, 4 lks. wide, course N.75°E. from W.; ascend 4 ft.
over NW. slope.

14.53

Point of spur, slopes NE.; descend 6 ft. over E. slope.

15.83

Bottom of ravine, course N.; ascend 60 ft. over NW. slope.

20.33

Descend 11 ft. over N. slope.

28.03

Spur, slopes NE.; descend 28 ft. over SE. slope.

Survey: North Boundary of T. 39 N., R. 10 W.

9

Chains.

- 29.68 Ungraded road, bears NE. and SW.
 35.13 Ravine, course NE. Heads about 6 chs. SW, asc. 11 ft. over NW. slope.
 38.03 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S31}{S6}$
 1939

Thence over rolling land.

- 48.03 Spur, slopes NE.; descend 75 ft. over SE. slope.
 66.23 Draw, course NE.; ascend 20 ft. over NW. slope.
 78.03 Set an iron post, 3 ft. long, 2 ins. 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 the cor. of secs. 5, 6, 31 and 32, with brass cap marked

T40N R10W

S31	S32
S6	S5

T39N
 1939

Land, rolling.

Soil, rocky clay, 3rd. rate.

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

S. 89° 57' E., bet. secs. 15 and 32. bet. secs. 5 and 32.

Over rolling land, through scattering undergrowth.

- 0.05 Spur, slopes NE.; descend 127 ft. over SE. slope.
 10.70 Road, bears S. 30° W. and N. 30° E.
 11.40 Graded road, bears N. 5° E. to St. George, Utah, and S. 5 W. to Mt. Trumbull.
 26.80 Wash, 15 lks. wide, course NE.; ascend 20 ft. over NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, with a granite stone 5x4x1 ins. deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S32}{S5}$
 1939

Ascend 12 ft. over NW. slope.

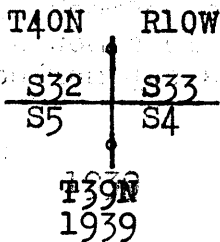
- 47.50 Spur, slopes NE.; descend 12 ft. over NE. slope.

Survey: North Boundary of T. 39 N., R. 10 W.

Chains.

62.00 Point of spur, slopes NE.; descend 137 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. 4, 5, 32 and 33, with brass cap marked



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

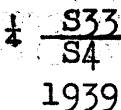
Land, rolling.
Soil, rocky clay, 3rd. rate.
Timber, none; undergrowth, sagebrush, algerita, Mormon tea and native grasses.

S. 89° 57' E., bet. sec. 4 and 33.

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

29.50 Wash, 20 lks. wide, course N.; ascend 58 ft. over NW. slope.

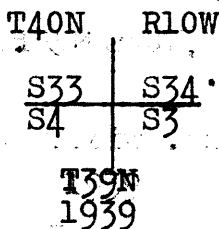
40.00 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base and in a mound of stone to top, for ¼ sec. cor., with brass cap marked



Ascend 11 ft. over NW. slope.

46.50 Spur, slopes N.; descend 71 ft. over broken NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 3, 4, 33 and 34, with brass cap marked



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

Land, rolling.
Soil, sandy, 2nd. and 3rd. rates.
Timber, none; undergrowth, sagebrush, cacti, algerita and a good growth of native grasses.

Survey: North Boundary of T. 39 N., R. 10 W.

11

Chains.

S. 89° 57' E., bet. secs. 3 and 34.

Over rolling land, through scattering undergrowth; descend 90 ft. over broken NE. slope.

22.50 Draw, course N. 10° E.; ascend 117 ft. over broken W. slope.

24.55 Ungraded road, bears N. 10° E. and S. 10° W.

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

$$\frac{1}{4} \frac{S34}{S3}$$

1939

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

Ascend 34 ft. over W. slope.

52.60 Short spur, slopes SW.; thence descend gradually along SE. slope.

67.10 Dim; ungraded road, bears N. and S.

70.00 Draw, near head, course SW.; ascend gradually over W. slope.

80.00 Divide ridge, bears N. 2° E. and S. 2° W.

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. 2, 3, 34 and 35, with brass cap marked

$$T40N \quad R10W$$

$$\frac{S34}{S3} \quad \frac{S35}{S2}$$

$$T39N$$

1939

Land, rolling.

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

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

S. 89° 57' E., bet. secs. 2 and 35.

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

11.50 Head of spur, slopes SE; descend 86 ft. over E. slope.

31.40 Dim, ungraded road, bears N. 10° W. and S. 10° E.

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

$$\frac{1}{4} \frac{S35}{S2}$$

1939

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

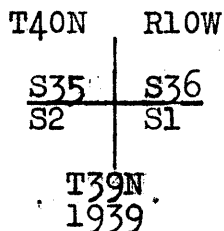
Chains.

Descend 207 ft. over broken E. slope.

66.50 Enter bottom land, bears N. and S. 20° E.; thence over level land.

77.30 Hurricane Wash, 15 lks. wide, out banks 15 ft. high, course N. 30° W. Continue over bottom land.

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 and level bottom.

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

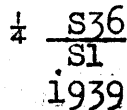
Timber, none; undergrowth, sagebrush, Mormon tea, cacti and a fair growth of native grass.

S. 89° 57' E., bet. secs. 1 and 36.

Over level bottom land, through scattering undergrowth.

5.00 Leave bottom land, bears N. and S.; ascend 196 ft. over W. slope.

6.10 Ungraded road, bears N. 10° W. and S. 10° E.

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

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

Ascend 32 ft. over steep, rocky W. slope.

42.22 Base of steep, rocky ascent, bears N. and S. Ascend 968 ft. over W. slope; distance obtained by triangulation, as hereinbefore described on random line.

76.50 Top of Hurricane Ridge, with cliffs along rim 75 to 100 ft. high, bears N. 10° W. and S. 10° E.; continue ascent 28 ft. over W. slope, distance obtained by chaining.

80.00 The cor. of Tps. 39 and 40 N., Rgs. 9 and 10 W., established under this group, as described in the field notes of the W. bdy. of T. 39 N., R. 9 W.

Land, level and mountainous.

Soil, rocky, 4th. rate.

Timber, none; undergrowth, sagebrush, cacti and native grass.

Survey: Subdivision of T. 39 N., R. 10 W.

13

Chains.

Commence the subdivisional survey of T. 39 N., R. 10 W. at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., 12 ins. above ground, marked and witnessed as described in the official record.

N. 0° 01' W., bet. secs. 35 and 36.

Over rolling land, through scattering timber; descend 30 ft. over N. slope.

3.50 Shallow gulch, course E.; ascend 30 ft; over S. slope.

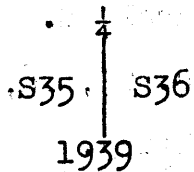
3.95 Ungraded road, the old Navajo Trail, bears E. and W.

8.20 Low, rolling spur, slopes E.; thence along rolling E. slope.

25.50 Spur, slopes N. 60° E.; descend 30 ft. over NW. slope.

32.00 Gulch, course NE. for 5.00 chs., thence S. 70° E.

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

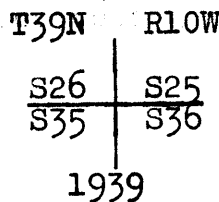


raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Ascend 15 ft. over S. slope.

44.50 Spur, slopes NE.; descend 55 ft. over N. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 25, 26, 35 and 36, with brass cap marked



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

Land, rolling.

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

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

S. 89° 58' E., on a random line, bet. secs. 25 and 36.

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

79.96 Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs. 25 and 36 only, established under this group, described in the field notes of the W. bdy. of T. 39 N., R. 9 W.

Thence

Chains.

West, on true line, bet. secs. 25 and 36.

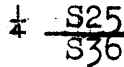
Over gently rolling land, through scattering undergrowth.

21.06 Ungraded road, bears N. 35° W., and S. 31° E.

23.36 Draw, course N. 20° W.

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

39.98 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 1/2 ft. base, 2 ft. high, N. of cor. raise a mound

Thence to the N. end of the dam at Toker Tank bears S. 49 1/2° E.

Thence over gradual NE. slope.

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

Land, gently rolling.

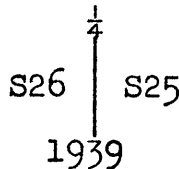
Soil, gravelly clay, 2nd. and 3rd. rates.

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

N. 0° 01' W., bet. secs. 25 and 26.

Over gently rolling land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 29 ins. in the ground, for 1/4 sec. cor., with brass cap marked

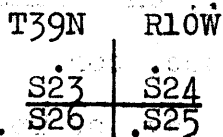


of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. raise a mound

Continue over gently rolling NE. slope.

72.80 Dim, ungraded road, bears N. 34° W. and S. 34° E.

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



1939

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

Survey; Subdivision of T. 39 N., R. 10 W.

15

Chains.

Land, gently rolling.
Soil, gravelly clay, 2nd. and 3rd. rates.
Timber, none; undergrowth, sagebrush and native grass.

East, on a random line, bet. secs. 24 and 25.

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

79.94 Intersect E. bdy. of Tp. at the cor. of secs. 24 and 25 only, established under this group and described in the field notes of the W. bdy. of T. 39 N., R. 9 W.

Thence

West, on true line, bet. secs. 24 and 25.

Over gently rolling land, through scattering undergrowth.

28.44 Ungraded road, bears S. 6° E. and N. $2\frac{1}{2}^{\circ}$ W.

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

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

1939

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

Continue over gently rolling land.

66.35 Shallow wash, 15 lks. wide, course N. 20° E.; thence over gently rolling NE. slope.

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

Land, gently rolling.
Soil, gravelly clay, 2nd. and 3rd. rates.
Timber, none; undergrowth, sagebrush and a fair growth of native grass.

N. $0^{\circ} 01'$ W., bet. secs. 23 and 24.

Over open, gently rolling NE. slope, through scattering undergrowth.

23.00 Wash, 10 lks. wide, course NE.

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

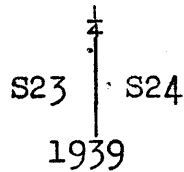
33.00 Base of hill, bears SE. and SW.; ascend 50 ft. over SE. slope.

34.70 Top of ledge, 10 ft. high, bears S. 60° E.; and SW.

35.10 Spur, slopes S. 60° E., thence along gradual E. slope.

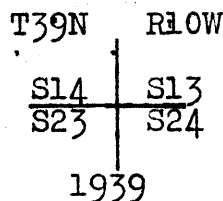
40.00 Set an iron post, 3 ft. long, 1 in. diam., 7 ins. in the ground, to bedrock, with X marked on bedrock at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains.



Continue along rolling E. slope.

- 54.00 Top of ledge, 6 ft. high, bears E., and W. for 1.50 chs., thence N.; descend 25 ft. over N. slope.
- 55.20 Head of draw, course E.; ascend 25 ft. over S. slope.
- 58.60 Same ledge, bears NW. and SE.; thence over broken land.
- 65.00 Ledge, 10 ft. high, bears NE. and SW.; descend 60 ft. over NW. slope.
- 68.90 Head of draw, course NW.; continue descent.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 13, 14, 23 and 24, with brass cap marked

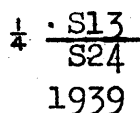


raise a mound
of stone, 2½ ft. base, 2½ ft. high, W. of cor.

Land, rolling and broken.
Soil, gravelly clay and rocky, 3rd. and 4th. rates.
Timber, none; undergrowth, sagebrush, Mormon tea and a fair growth of native grass.

East, on a random line, bet. secs. 13 and 24.

- 40.00 Set temp. ¼ sec. cor.
- 79.94 Intersect E. bdy. of Tp., 3 lks. S. of the cor. of secs. 13 and 24 only, established under this group and described in the field notes of the W. bdy. of T. 39 N., R. 9 W.
- Thence
- S. 89° 59' W., on true line, bet. secs. 13 and 24.
- Over gently rolling land, through scattering sagebrush; ascend gradually over NE. slope.
- 31.84 Ungraded road, bears N. and S.
- 33.34 Top of ascent, bears N. and S.; descend 51 ft. over W. slope.
- 39.97 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked



raise a mound

Survey: Subdivision of T. 39 N., R. 10 W.

17

Chains.

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

Descend gradually over rolling W. slope.

52.34 Wash, 25 lks. wide, course N. 10° W.; ascend 70 ft. over E. slope.

76.34 Spur, slopes NE., rocky ledge along top; descend 60 ft. over NW. slope.

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

Land, rolling.

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

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

N. $0^\circ 01'$ W., bet. secs. 13 and 14.

Over rolling land, through scattering undergrowth.

13.50 Wash, 10 lks. wide, course NE.

20.60 Ungraded road, bears N. 24° E. and S. 24° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, with X marked on bedrock at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S14	S13
-----	-----

1939

Continue over gently rolling land.

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

T39N	R10W
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S11	S12
S14	S13

1939

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

Land, gently rolling and rolling.

Soil, gravelly clay, 3rd. rate.

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

N. $89^\circ 59'$ E., on a random line, bet. secs. 12 and 13.

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

80.00 Intersect E. bdy. of Tp., 3 lks. N. of the cor. of secs. 12 and 13 only, established under this group, described

Chains.	in the field notes of the W. bdy. of T. 39 N., R. 9 W. Thence West, on true line, bet. secs. 12 and 13. Over gently rolling land, through scattering undergrowth. .38.40 Road, bears N. 25° W. and S. 25° E. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \frac{S12}{S13}$ 1939 raise a mound of stone, 2½ ft. base, 2½ ft. high, N. of cor. Continue over gently rolling land. 46.50 Wide draw, course NW. 52.50 Ungraded road, bears NW. and SE. 55.90 Wash, 8 lks. wide; course NE. 80.00 The cor. of secs. 11, 12, 13 and 14. Land, gently rolling. Soil, gravelly clay, 3rd. rate. Timber, none; undergrowth, algerita, sagebrush and a fair growth of native grass.
	N. 0° 01' W., bet. secs. 11 and 12. Over rolling land, through scattering undergrowth; ascend 50 ft. over SW. slope. 23.00 Detached spur, near W. end, bears NW. and SE.; descend 85 ft. over general N. slope. 35.60 Road, bears N. 10° E., and S. 10° W. 35.90 Draw, course N. 60° E.; thence over rolling land. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\begin{array}{c} \uparrow \\ S11 \quad S12 \\ \downarrow \\ 1939 \end{array}$ raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. An earth tank for stock water, bears S. 56° 30' E. 49.20 Hurricane Wash, 60 lks. wide, cut banks 10 ft. deep, course N. 68° E.; continue over rolling land.

Survey: Subdivision of T: 39 N., R. 10 W.

19

Chains.

58.20 Dim road, bears NE. and SW.

69.00 Ascend 30 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock with a granite stone 3x2x2 ins., marked X deposited at the base and in a mound of stone to top, for the cor. of secs. 1, 2, 11 and 12, with brass cap marked

T39N R10W

S1	S2
S11	S12

1939

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

East, on a random line, bet. secs. 1 and 12.

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

80.04 Intersect E. bdy. of Tp., at the cor. of secs. 1 and 12 only, established under this group, described in the field notes of the W. bdy. of T. 39 N., R. 9 W.

Thence

West, on true line, bet. secs. 1 and 12.

Over rolling land, through scattering undergrowth; descend 200 ft. over W. slope.

40.02 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

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

1939

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

Beach. A dugout shack belonging to Joe Beach bears N. 56° W., 22 chs. dist.

41.76 Drain, course S. 60° W.; continue over rolling land.

58.14 Ungraded road, bears N. and S.

67.54 Hurricane Wash, 60 lks. wide, cut banks 10 ft. high, course N. 10° 45' W.

75.40 Ascend 35 ft. over broken E. slope.

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

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

Chains.

North, on a random line, bet. secs. 1 and 2.

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

74.08 Intersect N. bdy. of Tp., 7 lks. W. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.

Thence

S. $0^{\circ} 03'$ W., on true line, bet. secs. 1 and 2.

Over level bottomland, through scattering undergrowth; descend gradually over S.E. slope.

6.10 Hurricane Wash, 80 lks. wide, cut banks 15 ft. high, course N. 22° W.; ascend gradually over rolling land.

27.10 Base of low hills, nears NW. and SE.; ascend 80 ft. over NE. slope.

34.00 Spur, slopes E.; thence over top of spur.

34.08 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

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

Thence ascend 64 ft. over rough and broken land.

64.10 Spur, slopes N. 60° E.; descend 30 ft. over broken E. slope.

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

Land, rolling and broken.

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

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

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp.; which is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

N. $0^{\circ} 01'$ W., bet. secs. 34 and 35.

Over rolling land, through scattering undergrowth; descend 15 ft. over broken NE. slope.

4.15 Ungraded road, bears N. 28° W., and S. 28° E.; foot of descent, bears NW. and SE.; thence over broken bottom land.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

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

Chains.

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

Continue over broken bottom land.

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

T39N R10W

S27	S26
S34	S35

1939

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

Land, rolling and nearly level.

Soil, clay, 3rd. rate.

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

S. 89° 58' E., 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, at the cor. of secs. 25, 26, 35 and 36.

Thence

N. 89° 58' W., on true line, bet. secs. 26 and 35.

Over rolling land, through scattering undergrowth; ascend 98 ft. over gradual NE. slope.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground, on bedrock, with X marked on bedrock at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S26
S35

1939

Ascend 58 ft. over NE. slope.

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

52.90 Head of draw, course N.

55.00 Spur, slopes N.; descend 10 ft. over W. slope.

58.85 Draw, course N.; ascend NE. slope 10 ft.

61.64 Spur, slopes NW.; descend 88 ft. over SW. slope.

68.52 Wash, 6 lks. wide, course N. 20° W.; thence over nearly level bottom land.

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

Chains.

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

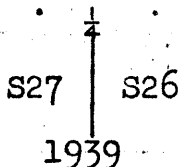
N. 0° 01' W., bet. secs. 26 and 27.

Over nearly level bottom land, through scattering under-
growth.

30.00 Wash, 5 lks. wide, course NW.; ascend gradually.

34.00 Point of spur, from E.; 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



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

45.00 Hurricane Wash, 6 lks. wide, course NE. Continue over nearly level land.

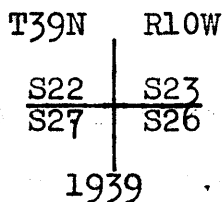
71.30 SE. cor. of 4 strand barbed wire fence; around dirt tank
and dam, bears W., 1.40 chs. dist.

71.50 Point from which Lester Parker's house bears N. 76° W.;
SW. cor. of 4 strand barbed wire fence bears W.

76.57 NE. cor. of tank fence bears W., 1.40 chs. dist.

77.40 Hurricane Wash, 10 lks. wide, cut banks 10 ft. high, course
N. 10° W.

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



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

Lester Parker's house bears S. 60° W.

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

Survey: Subdivision of T. 39 N., R. 10 W.

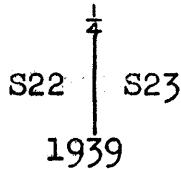
23

Chains.	
	S. 89° 58' E., on a random line, bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line, .5 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence
	N. 89° 56' W., on true line, bet. secs. 23 and 26.
	Over rolling land, through scattering undergrowth; descend gradually over NW. slope.
26.30	Wash, 10 lks. wide, . course N. 45° E.; ascend 41 ft. over SE. slope.
30.95	Spur, slopes NE., from W., continue ascent along spur.
36.15	Leave spur, slopes E., from SW.; descend gradually to
39.97	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S23}{S26}$
	1939
	raise a mound
	of stone, 3 ft. base, 2 ft. high, N. of cor.
	Descend 8 ft. over NW. slope.
43.52	Draw, course N. 50° E.; ascend 20 ft. over SE. slope.
51.45	Spur, slopes N.; descend 26 ft. over NW. slope.
52.80	Dim, ungraded road, bears N. and S.
60.90	Wash, 5 lks. wide, course N. 10° E., heads 8.00 chs. S. 10° W.; ascend 30 ft. over E. slope.
73.95	Spur, slopes N.; descend 40 ft. over W. slope.
77.25	Foot of descent, bears N. 15° W. and S. 15° E.; thence over nearly level land.
79.94	The cor. of secs. 22, 23, 26 and 27.
	Land, rolling.
	Soil, rocky clay, 3rd. rate.
	Timber, none; undergrowth, sagebrush, algerita, cacti and a good growth of native grass.
	N. 0° 01' W., bet. secs. 22 and 23,
	Over nearly level land, through scattering sagebrush.
12.60	Leave level land, bears NW. and SE.; ascend 31 ft. over SW. slope.
14.00	Low, rocky rim, bears NW. and SE.; continue along rim.
21.80	Same rim, bears NE. and SW.; descend 40 ft. over NW. slope.

Chains.

26.75 Foot of descent, bears NE. and SW.; thence over nearly level land.

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



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

Ascend 23 ft. over SW. slope.

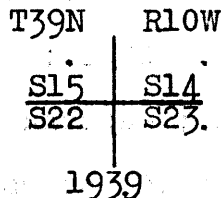
43.73 Short, flat spur, slopes W., 3.00 chs. to point of spur; thence over top of spur.

46.03 Leave top of spur, descend 23 ft. over NW. slope.

51.00 Foot of descent, bears NE. and SW.; thence over gently rolling land.

61.60 Hurricane Wash, 15 lks. wide, cut banks 15 ft. high, course N. 24° E.; continue over gently rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for the cor. of secs. 14, 15, 22 and 23, with brass cap marked



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

Land, rolling, and nearly level.

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

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

S. 89° 56' 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, 2 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence

N. 89° 55' W., on true line, bet. secs. 14 and 23.

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

6.76 Wash, 10 lks. wide, course N. 50° E.

6.96 Ungraded road, bears N. 45° E. and S. 45° W.

Survey: Subdivision of T.: 39 N., R. 10 W.

25

Chains.

- 9.46 Ascend 40 ft. over SE. slope.
- 14.53 Spur, slopes S.; descend 18 ft.
- 19.96 Draw, course S.; ascend 79 ft. over broken SE. slope.
- 36.27 Spur, slopes N.; descend 21 ft. over W. slope.
- 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
- $\frac{1}{4}$ $\frac{S14}{S23}$
- 1939
- raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.
- Descend gradually.
- 42.96 Draw, near head, course N. 30° E.; ascend 59 ft. over SE. slope.
- 61.40 Spur, slopes N. 30° E.; ungraded road, bears N. 30° E. and S. 30° W.; descend 38 ft. over NW. slope.
- 69.06 Draw, near head, course N. 30° E.; ascend 12 ft. over NE. slope.
- 71.97 Spur, slopes N.; descend 12 ft. over W. slope.
- 79.26 Hurricane Wash, 15 lks. wide, cut banks 10 ft. high, course N. 11° 45' E.; over rolling land.
- 79.96 The cor. of secs. 14, 15, 22 and 23.

Land, rolling.

Soil, gravelly clay, 3rd. rate.

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

N. 0° 01' W., bet. secs. 14 and 15.

- Over nearly level land; series of shallow washes, draining N. 20° E., through scattering undergrowth.
- 10.00 Wash, course NE. Enter rolling land.
- 20.20 Ungraded road, bears N. 50° E., and S. 50° W. Asc. 27 ft.
- 29.34 Spur, slopes SE.; point from which SE. cor. of corral around 2 dirt tanks, bears N. 66 $\frac{1}{2}$ ° E., SW. cor. bears N. 56° E.; NW. cor. bears N. 30° E., NE. cor. bears N. 40° E. Descend 35 ft. over NE. slope.
- 33.00 Draw, course E.; ascend 35 ft. over S. slope.
- 37.00 Spur, slopes SE.; Descend 35 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S15 | S14

1939

Chains.

- of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor. raise a mound
- 40.50 Mouth of draw, from W.; ascend 31 ft. over SE. slope.
- 42.00 Ditch, 30 lks. E. of line, bears N. 45° E. and S. 10° E. for 4 chs., thence S. 30° E.
- 48.51 Spur, slopes N. 60° E.; descend 40 ft. over NW. slope. Point from which NE. cor. of same corral bears S. $56\frac{1}{2}^\circ$ E., SE. cor. bears S. 39° E., SW. cor. bears S. 26° E., NW. cor. bears S. 30° E.
- 54.15 Wash, 30 lks. wide, course N. 50° E.; thence over rolling land.
- 55.20 Mouth of wash, from N. 30° W.; course E.; ascend 30 ft. over SE. slope.
- 65.00 Spur, slopes N. 70° E.; descend 40 ft. over N. slope.
- 71.30 Draw, course E.; ascend 29 ft. over S. slope.
- 79.76 Top of flat spur, slopes NE. Ungraded road, bears W. and E. for 1 ch., thence N. 20° E.
- 80.00 Set an iron post, 3ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 10, 11, 14 and 15, with brass cap marked

T39N	R10W
S10	S11
S15	S14
1939	

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

Land, rolling.

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

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

- S. $89^\circ 55'$ E., on a random line, bet. secs. 11 and 14.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.99 Intersect N. and S. line, at the cor. of secs. 11, 12, 13 and 14.
- Thence
- N. $89^\circ 55'$ W., on true line, bet. secs. 11 and 14.
- Over rolling land, through scattering undergrowth; descend gradually over E. slope.
- 6.90 Draw, course NE.; dim., ungraded road, bears NE. and SW.; ascend 69 ft. over general E. slope.
- 18.90 Northernly end of soil erosion ditch, and small ditch, bears N. $82\frac{1}{2}^\circ$ W.
- 19.00 Spur, slopes N.; descend 36 ft. over W. slope.

Survey: Subdivision of T. 39 N., R. 10 W.

27

Chains.

- 26.10 Draw, course N.; ascend 19 ft. over SE. slope.
- 29.33 Spur, slopes N. 40° E.; descend 30 ft. over NW. slope.
- 35.20 Cut bank wash, banks 16 ft. high, 20 lks. wide, course N. 10° E., 1.00 ch. to junction with main wash.
- 39.95 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4} \frac{S11}{S14}$
- 1939
- raise a mound
- of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, N. of cor.
- Over rolling land.
- 40.93 Cut bank wash, 20 lks. wide, banks 5 ft. high, course N. 40° E., 1 ch. to junction with main wash.
- 44.93 Wash, 35 lks. wide, course N. 65° E., thence along level bottom land.
- 51.90 Same wash, course N. 60° E., 1.00 ch. S. of line, ascend 30 ft. over rolling bottom land.
- 63.33 Hurricane Wash, 90 lks. wide, cut banks 6 ft. deep, course N. 81°30' E.; ascend 59 ft. over gradual SE. slope.
- 63.60 Northerly end of soil erosion ditch, and small dike, bears N. 10° E.
- 69.70 Dim, ungraded road, bears N. 30° E. and S. 30° W.
- 74.30 Soil erosion ditch, course N. 40° E., from S. 10° E.
- 79.20 Spur, slopes N. 10° E.; descend gradually.
- 79.40 Ungraded road, bears N. and S.
- 79.90 The cor. of secs. 10, 11, 14 and 15.
- Land, rolling.
Soil, rocky clay, 3rd. and 4th. rates.
Timber, none; undergrowth, sagebrush, algerita and a good growth of native grass.

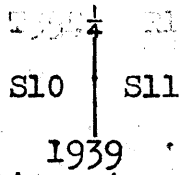
N. 0° 01' W., bet. secs. 10 and 11.

Over rolling land, through scattering undergrowth.

- 4.50 Spur, slopes NE.; descend 29 ft. over NW. slope.
- 9.70 Wash, 10 lks. wide, course N. 70° E.; ascend 23 ft. over SE. slope.
- 16.00 Spur, slopes E.; descend 56 ft. over N. slope.
- 28.94 Wide draw, course E.; ascend 40 ft. over S. slope.
- 33.20 Spur, slopes E.; descend 24 ft. over NW. slope.
- 39.60 Draw, course N. 60° E.; ascend 5 ft. over SE. slope.

Chains.

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



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

Ascend gradually.

40.30 Short spur, slopes E.; descend 19 ft. over N. slope.

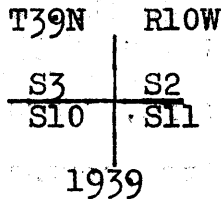
42.40 Wash, 10 lks. wide; course E.; ascend 34 ft. over SE. slope.

54.60 Spur, slopes N. 50° E.; descend 12 ft. over NW. slope.

60.60 Wash, 20 lks. wide, course N. 70° E.; ascend 40 ft. over SE. slope.

78.40 Spur, slopes E.; descend gradually over N. slope.

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



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

Land, rolling.

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

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

S. $89^\circ 55'$ E., on a random line, bet. secs. 2 and 11.

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

79.78 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence

N. $89^\circ 57'$ W., on true line, bet. secs. 2 and 11.

Over rolling land, through scattering undergrowth; ascend 70 ft. over E. slope.

7.80 Spur; slopes S.; descend 24 ft. over W. slope.

99.75 Wash, 10 lks. wide, course S.; ascend 76 ft. over SE. slope.

20:60 Spur, slopes S. 20° W.; descend 57 ft. over W. slope.

Chains.

- 24.60 Wash, 30 lks. wide, course S. 15° E., from W.; thence ascend gradually along wash.
- 26.90 Leave wash, course E., from N. 60° W.; ascend 40 ft. over SE. slope.
- 31.40 Spur, slopes S. 60° E., continue ascent 32 ft. along S. side of spur.
- 36.26 Division of spurs, one sloping S. 20° E., one sloping N. 60° E., from N.; descend 48 ft. over W. slope.
- 36.38 Point from which E. end of drainage dam bears S. 33½° W., W. end of same dam bears S. 45° W.
- 39.78 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for witness cor. to ¼ sec. cor., with brass cap marked
- WC ¼ $\frac{S2}{S11}$
- 1939
- Descend 12 ft. over W. slope.
- 39.89 True point for ¼ sec. cor. falls on insecure ground, in rocks on steep W. slope, where it is impracticable to monument the cor., therefore establish witness cor. on line S. 89° 57' E., 11 lks. dist.
- 40.80 Draw, course N. 70° W., from S. 10° E.; ascend 10 ft. over NE. slope.
- 43.24 Point of spur, slopes N.; descend 25 ft. over SW. slope.
- 43.78 Same draw, course S. 30° W.; ascend 7 ft. over SE. slope.
- 45.78 Point of spur, slopes S. 10° W.; descend 7 ft. over broken W. slope.
- 46.53 E. end of drainage dam bears S. 1.20 chs. dist.; W. end of dam described above, bears S. 23¼° W., E. end of same dam bears S. 1° E.
- 48.78 Draw, course S.; asc. 34 ft. along N. slope.
- 49.78 W. end of drainage dam bears S., 1.20 chs. dist.
- 56.39 Head of draw, course N. 70° E.; ascend 99 ft. over SE. slope.
- 76.78 Spur, slopes N. 30° E.; descend gradually.
- 79.78 The cor. of secs. 2, 3, 10 and 11.
- Land, rolling.
Soil, rocky clay, 4th. rate.
Timber, none; undergrowth, sagebrush, algerita, cacti and a good growth of native grass.
-
- N. 0° 03' E., on a random line, bet. secs. 2 and 3.
- 40.00 Set temp. ¼ sec. cor.
- 74.10 Intersect N. bdy. of Tp., 24 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
- Thence

Chains.

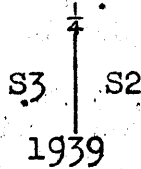
S. $0^{\circ} 08' E.$, on true line, bet. secs. 2 and 3.

Over rolling land, through scattering undergrowth; descend 29 ft. over SE. slope, from top of divide.

19.10 Draw, course E.; ascend 23 over broken N. slope.

34.10 Spur, slopes E.

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



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

21.40 Descend 8 ft. over S. slope.

35.40 Draw, course E.; ascend 20 ft. over N. slope.

42.42 Spur, slopes E.; descend 35 ft. over S. slope.

44.12 Ravine, course SE.; ascend 47 ft. over NE. slope.

48.28 Spur, slopes E.; descend 32 ft. over SE. slope.

50.42 Ravine, course NE.; ascend 32 ft. over NE. slope.

53.22 Spur, slopes E.; descend 45 ft. over S. slope.

61.10 Draw, course S. $50^{\circ} E.$; ascend 33 ft. over broken NE. slope.

67.30 Spur, slopes E.; descend 30 ft. over broken SE. slope.

72.15 Draw, course N. $70^{\circ} E.$; ascend 30 ft. over N. slope.

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

Land, rolling.

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

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

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp.; which is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

N. $0^{\circ} 02' W.$, bet. secs. 33 and 34.

Over rolling land, through scattering undergrowth; descend 12 ft. over gradual NW. slope.

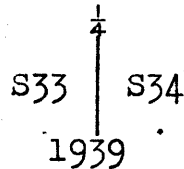
15.70 Shallow draw, course N. $10^{\circ} E.$; ascend gradually.

20.00 Low spur, slopes N. $20^{\circ} E.$; descend gradually.

30.00 Same draw, course N. $25^{\circ} W.$; continue over rolling land.

Survey: Subdivision of T. 39 N., R. 10 W.

31

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

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

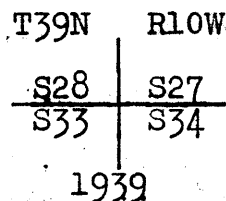
Continue over rolling land.

41.90 Same draw, course N. 70° E.; ascend gradually to

47.00 Low spur, slopes E.; descend gradually.

50.60 Wash; course S. 80° E.; ascend gradually over rolling land.60.00 Low spur, slopes N. 10° E.; continue over rolling land.70.00 Shallow draw, course N. 40° E.

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



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

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

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

S. $89^\circ 58'$ E., on a random line, bet. secs. 27 and 34.40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 8 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence

S. $89^\circ 59'$ W., on true line, bet. secs. 27 and 34.

Over gently rolling land, through scattering undergrowth.

2.80 Hurricane Wash, 5 lks. wide, cut banks 8 ft. deep, course N.; continue over rolling land.

11.60 Ungraded road, bears N. 41° E., and S. $13\frac{1}{2}^\circ$ E.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.

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

1939

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

Continue over rolling land.

55.00 Low spur; slopes N.; descend gradually.

60.00 Shallow draw, course N. 10° E.

65.00 Low spur, slopes N.; descend gradually.

75.00 Shallow draw, course N. 40° E. for 7 chs., thence N. 80° E.

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

Land, gently rolling.

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

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

N. 0° 02' W., bet. secs. 27 and 28.

Over gently rolling land, through scattering undergrowth.

3.00 Shallow draw, course E.; ascend 20 ft. over SE. slope.

9.90 Road, old Navajo Trail, bears N. 76° E. and S. 69° W. Spur,
slopes N. 70° E.; descend 15 ft. over gentle N. slope.17.50 Wash, 10 lks. wide, course E.; thence over gently rolling
land.

22.00 Spur, slopes E.

25.30 Wash, 10 lks. wide, course E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for ¼ sec. cor., with brass cap marked
$$\begin{array}{ccc} & \frac{1}{4} & \\ & | & \\ S28 & & S27 \\ & 1939 & \end{array}$$

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

Ascend gradually over open land.

42.00 Low spur, slopes E.

45.00 Shallow wash, course N. 80° E.

47.00 Low spur, slopes E.

49.10 Wash, course E.

50.00 Low spur, slopes S. 70° E.

57.90 Wash, 10 lks. wide, course S. 50° E.

60.00 Low spur, slopes E. ; descend gradually.

Survey: Subdivision of T. 39 N., R. 10 W.

33

Chains.

- 70.80 Wash, 15 lks: wide, course N. 60° E.
- 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
- | | |
|------|------|
| T39N | R10W |
| S21 | S22 |
| S28 | S27 |
- 1939
- raise a mound
of stone, 3 ft. base, 2½ ft. high, W. of cor.
- Land, gently rolling.
Soil, clay and gypsum, 3rd. and 4th. rates,
Timber, none; undergrowth, sagebrush, algerita, cacti and
a good growth of native grass.
-
- N. 89° 59' E., on a random line, bet. secs. 22 and 27.
- 40.00 Set temp. ¼ sec. cor.
- 80.02 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 22, 23, 26 and 27.
- Thence
- S. 89° 55' W.; on true line, bet. secs. 22 and 27.
- Over gently rolling land, through scattering undergrowth.
- 1;10 Hurricane Wash, 20 lks. wide, cut banks 10 ft. high; course N.; continue over rolling land.
- 12.40 Ungraded road, bears N. and S.
- 16.00 Draw, course N. 40° E.
- 24.00 Low, flat spur, slopes NE.; descend gradually.
- 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 ¼ sec. cor., with brass cap marked
- | | |
|---|-----|
| ¼ | S22 |
| | S27 |
- 1939
- raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.
- Continue over gently rolling land.
- 41.20 Wash, 6 lks. wide, course N.
- 42.00 Short, low spur, slopes N.; descend gradually.
- 42.50 Wide, shallow draw, course N. 50° E.
- 69.90 Wash, 10 lks. wide; course S. 80° E., from N. 40° W.; 1.50 chs. to junction with wash from W.

Survey: Subdivision of T. 39 N., R. 10 W.

34

Chains.

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

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

N. 0° 02' W., bet. secs. 21 and 22.

Over gently rolling land, through scattering sagebrush.

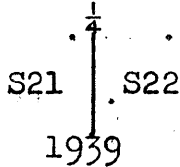
7.50 Draw, course S. 40° E.

15.00 Spur, slopes NE., from W.; descend gradually.

25.00 Draw, course N. 50° E.

36.00 Shallow draw, course E.; continue over rolling land.

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



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

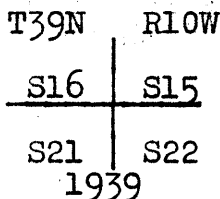
Descend 30 ft. over NE. slope.

45.30 Draw, course S. 80° E.; ascend 42 ft. over SW. slope.

57.10 Spur, slopes E.; descend 28 ft. over N. slope.

61.10 Wash, 15 lks. wide; course E.; ascend 22 ft. over gradual E. slope.

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



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

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

N. 89° 55' E., on a random line, bet. secs. 15 and 22.

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

Survey: Subdivision of T. 39 N., R. 10 W.

35

Chains.

80.00 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence

S. 89° 53' W., on true line, bet. secs. 15 and 22.

Over rolling land, through scattering undergrowth; ascend 75 ft. over E. slope.

6.00 Ungraded road, bears N. 10° E., and S. 10° W.

16.00 Spur, slopes NE.; descend 25 ft. over broken land.

35.00 Draw, course N. 30° E.; ascend SE. slope 23 ft.

38.60 Spur, slopes NE.; 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

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

1939

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

Descend 6 ft. over NW. slope.

40.50 Draw, course N. 40° E.; ascend gradually.

44.00 Low spur, slopes NE.; descend 17 ft. over NW. slope.

46.50 Wash, 15 lks. wide, course N. 30° E.; ascend 30 ft. over SE. slope.

60.00 Short spur, slopes NE.; descend gradually.

62.80 Draw, course N. 50° E.; ascend 46 ft. over SE. slope.

80.00 The cor. of secs. 15, 16, 21 and 22.

Land, rolling.

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

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 undergrowth; ascend 10 ft. over S. slope.

4.00 Flat spur, slopes E.; descend 23 ft. over NE. slope.

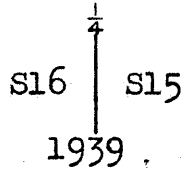
10.80 Wash, 10 lks. wide, course E.; ascend gradually over rolling S. slope.

14.60 Spur, slopes E.; descend gradually.

15.00 Head of draw, course N. 60° E.; continue over rolling land.

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

Thence over gently rolling land.

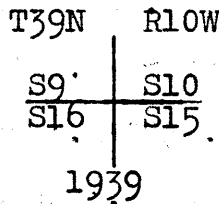
45.00 Head of draw, course S. 70° E.

49.00 Spur, slopes NE.; divide ridge, 5 chs. W. of line, bears N. 20° W., and S. 10° W. Descend 18 ft.

58.60 Shallow draw, course N. 30° E.; heads S. 40° W., 5 chs. dist.; ascend 10 ft. over gently rolling land.

68.50 Dim, ungraded road, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 9, 10, 15 and 16, with brass cap marked



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

Land, rolling.

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

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

N. $89^\circ 53'$ E., on a random line, bet. secs. 10 and 15.

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

80.04 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence

S. $89^\circ 54'$ W., on true line, bet. secs. 10 and 15.

Over rolling land, through scattering undergrowth.

0.04 Top of flat spur, slopes NE.; descend 15 ft. over NW. slope.

7.74 Wash, 60 lks. wide, course N. 30° E.; ascend 103 ft. over SE. slope.

40.02 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.

4 $\frac{S10}{S15}$

1939

raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor.

Ascend 24 ft. over E. slope.

51.50 Spur, slopes N.; descend 43 ft. over NW. slope.

72.54 Shallow draw, course N. 40° E.; ascend 12 ft.

80.04 The cor. of secs. 9, 10, 15 and 16..

Land, rolling.

Soil, gravelly clay, and gypsum, 3rd. rate.

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

N. 0° 02' W., bet. secs. 9 and 10.

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

10.00 Divide ridge, bears N. and SW.; thence along top of ridge.

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

4
S9 | S10
1939

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

Along top of ridge.

73.00 Leave top of ridge, bears NE. and S.; descend 41 ft. over NW. slope.

79.88 Draw, near head, course N. 70° W.; ascend gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for the cor. of secs. 3, 4, 9 and 10, with brass cap marked

T39N R10W
S 4 | S 3
S 9 | S 10
1939

Land, rolling.

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

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

Chains.

N. 89° 54' E., on a random line, bet. secs. 3 and 10.

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

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

Thence

S. 89° 55' W., on true line, bet. secs. 3 and 10.

Over rolling land, through scattering sagebrush; ascend 80 ft. over broken N. slope.

14.50 Divide ridge, bears N. 50° W. and S. 60° W.; spur from ridge bend, slopes S. 60° E.; descend 92 ft. over SW. slope.

39.00 Draw, course N. 50° W.; ascend 5 ft. over NE. slope.

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

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

1939

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

Ascend 7 ft. over NE. slope.

42.70 Low spur, slopes N. 50° W.; descend 34 ft. over broken W. slope.

51.40 Draw, course N.; ascend 25 ft. over . slope.

56.09 Spur, slopes N.; descend 19 ft. over broken W. slope.

61.90 Wash, 10 lks. wide, course N. 30° E.; ascend 60 ft. over NE. slope.

71.50 Spur, slopes N. 10° E.; descend 43 ft. over rolling land.

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

Land, rolling.

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

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

N. 0° 08' W., on a random line, bet. secs. 3 and 4.

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

74.24 Intersect N. bdy. of Tp., 6 lks. E. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence

S. 0° 11' E., on true line, bet. secs. 3 and 4.

Over rolling land, through scattering undergrowth; descend 33 ft. over SE. slope.

Survey: Subdivision of T. 39 N., R. 10 W.

39

Chains.

- 5.70 Draw, course E.; heads 3 chs. W. of line; ascend 33 ft. over NE. slope.
- 8.25 Spur, slopes S. 30° E.; descend 35 ft.; over broken S. slope.
- 19.28 Draw, course NE.; ascend 58 ft. over NW. slope.
- 29.24 Spur, slopes NE.; descend 17 ft. over SE. slope.
- 34.24 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

raise a mound
of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
Descend 6 ft. over SE. slope.

- 34.54 Draw, course E.; ascend 12 ft. over N. slope.
- 36.14 Point of spur, slopes E.; descend 40 ft. over S. slope.
- 41.94 Draw, course E.; ascend 46 ft. over N. slope.
- 44.74 Point of spur, slopes E.; descend 46 ft. over SE. slope.
- 50.17 Wash, 100 lks. wide, cut banks 8 ft. high, course NW.; ascend 35 ft.
- 52.17 Ungraded road, bears NE. and SW.
- 63.56 Low spur, slopes NW.; descend 9 ft. over SW. slope.
- 65.75 Draw, course NW.; ascend 50 ft. over N. slope.
- 73.24 Point of spur, slopes W.; descend 15 ft.
- 74.24 The cor. of secs. 3, 4, 9 and 10.

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

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp.; which is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

N. 0° 03' W., bet. secs. 32 and 33.

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

- 3.30 Descend 25 ft. over N. slope.
- 5.20 Gulch; course N. 60° E.; ascend 20 ft. over S. slope.
- 8.20 Point of spur, slopes E.; descend 45 ft. over N. slope.

Chains.	
11.70	Gulch, course N. 60° E.; ascend 20 ft. over S. slope.
13.50	Spur, slopes E.; descend 20 ft. over gradual N. slope.
33.95	Sunshine Road, graded, bears N. 35° W., to St. George Utah, and S. 35° E. to Mt. Trumbull.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.
	Continue over rolling land.
52.30	Ungraded road, the old Navajo Trail, bears N. 73° E. and S. 73° W.
54.00	Wash, 10 lks. wide, course N. 70° E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 28, 29, 32 and 33, with brass cap marked
	raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.
	Land, rolling. Soil, gravelly clay, 3rd. rate. Timber, none; undergrowth, sagebrush, Mormon tea, algerita and a fair growth of native grass.
	S. 89° 58' E., on a random line, bet. secs. 28 and 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 4 lks. N. of the cor. of secs. 27, 28, 33 and 34.
	Thence
	N. 89° 56' W., on true line, bet. secs. 28 and 33.
	Over rolling land, through scattering undergrowth; ascend 80 ft. over gradual E. slope.
26.90	Spur, slopes NE.; ungraded road, the old Navajo Trail, bears N. 69° E. and S. 69° W. Continue ascent gradually.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Survey: Subdivision of T. 39 N., R. 10 W.

Chains.

$\frac{1}{4}$ $\frac{S28}{S33}$

1939

Ascend 15 ft. over E. slope.

48.00 Spur, slopes N.; descend 40 ft. over W. slope.

59.10 Wash, 10 lks. wide, course N. 60° E.; ascend gradually.

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

Land, rolling.

Soil, gravelly clay, 3rd. rate.

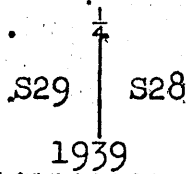
Timber, none; undergrowth, algerita, sagebrush and a fair growth of native grass.

N. 0° 03' W., bet. secs. 28 and 29.

Over gently rolling land, through scattering sagebrush and algerita.

25.60 Ungraded road, bears N. 27° E., and S. 27° W.

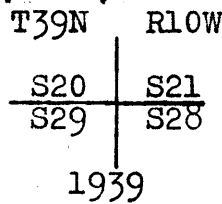
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



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

Continue over gently rolling land.

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



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

Land, gently 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. 10 W.

Chains.

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

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line, 4 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence

N. 89° 58' W., on true line, bet. secs. 21 and 28.

Over gently rolling land, through scattering undergrowth.

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

1/4 S21
S28

1939

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

Continue over gently rolling land.

53.90 Ungraded road, bears N. 17° E. and S. 17° W.

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

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

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

N. 0° 03' W., bet. secs. 20 and 21.

Over gently rolling land, through scattering undergrowth.

33.50 Draw, course E.

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
S20 | S21
1939

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

66.50 Road, bears NE. and SW.

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

T39N R10W
S17 | S16
S20 | S21
1939

Survey: Subdivision of T. 39 N., R. 10 W.

43

Chains.

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

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

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

S. 89° 58' E., on a random line, bet. secs. 16 and 21

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence

N. 89° 56' W., on true line, bet. secs. 16 and 21.

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

16.50 Low, divide ridge, bears NE. and SW.; descend 45 ft. over NW. slope.

28.20 Draw, course NE.; thence over gently rolling land.

29.50 Ungraded road, bears NE. and SW.

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

¼ $\frac{S16}{S21}$

1939

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

Continue over gently rolling land.

69.00 Dim, ungraded road, bears NE. and SW.

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

Land, rolling and gently rolling.

Soil, gravelly clay, 3rd. rate.

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

N. 0° 03' W., bet. secs. 16 and 17.

Over gently rolling land, through scattering sagebrush.

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

S17 | S16

1939

Survey: Subdivision of T. 39 N., R. 10 W.

Chains.	<p style="text-align: right;">raise a mound</p> <p>of stone, 2 ft. base, 2 ft. high, W. of cor.</p> <p>43.20 Dim, ungraded road, bears E. and W.</p> <p>56.50 Draw, course NE.</p> <p>69.60 Wash, near head, 20 ft. below line, course E.; continue over rolling land.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, with stone marked X at base and in a mound of stone to top, for the cor. of secs. 8, 9, 16 and 17, with brass cap marked.</p> <div style="text-align: center;"> <p>T39N . R10W .</p> <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">S8</td> <td style="padding: 2px;">S9</td> </tr> <tr> <td style="padding: 2px;">S17</td> <td style="padding: 2px;">S16</td> </tr> </table> <p>1939</p> </div> <p>Land, gently rolling and rolling. Soil, gravelly clay, 3rd. rate. Timber, none; undergrowth, algerita, Mormon tea and a fair growth of native grass.</p> <hr/> <p>S. 89° 56' E., on a random line, bet. secs. 9 and 16.</p> <p>40.00 Set temp. ¼ sec. cor.</p> <p>79.98 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 9, 10, 15 and 16.</p> <p>Thence</p> <p>N. 89° 59' W., on true line, bet. secs. 9 and 16.</p> <p>Over rolling land, through scattering undergrowth; ascend 40 ft. over E. slope.</p> <p>10.00 Low, divide ridge, bears N. and S.; descend 15 ft. over W. slope.</p> <p>13.00 Road, bears N. and S.</p> <p>25.00 Draw, course SW. for 4 chs., thence W.; ascend 12 ft.</p> <p>29.50 Point of spur, slopes S.; descend 30 ft. over W. slope.</p> <p>35.00 Gulch, course N. for 4.00 chs., thence NW.; ascend 35 ft. over E. slope.</p> <p>39.99 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked</p> <div style="text-align: center;"> <p>¼ S9</p> <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">S16</td> </tr> </table> <p>1939</p> </div> <p style="text-align: right;">raise a mound</p> <p>of stone, 2½ ft. base, 2 ft. high, N. of cor.</p>	S8	S9	S17	S16	S16
S8	S9					
S17	S16					
S16						

Chains.

Thence over rolling land.

53.40 Descend 75 ft. over NW. slope.

59.70 Gulch, course NE.; ascend 95 ft. over general SE. slope.

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

Land, rolling.

Soil, gravelly clay, 3rd. rate.

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

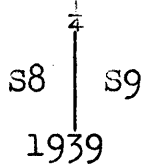
N. 0° 03' W., bet. secs. 8 and 9.

Over rolling land, through scattering undergrowth; descend 25 ft. over NE. slope.

18.50 Draw, course S. 60° E.; ascend 85 ft. over general SE. slope.

38.50 Spur, slopes N., from SW.; thence along top of spur.

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



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

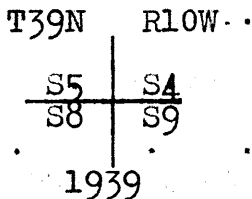
Continue along top of spur.

58.00 Leave spur, slopes NE.; descend 50 ft. over NW. slope.

65.10 Draw, near head, course W., 4.00 chs. to junction of gulch, course N. 30° W.; ascend 55 ft. over S. slope.

68.00 Point of spur, slopes W.; descend 70 ft. over N. 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, 3½ ft. base, 3 ft. high, W. of cor.

Land, rolling.

Soil, gravelly clay, 3rd. rate.

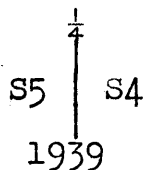
Timber, none; undergrowth, sagebrush, algerita, and a fair growth of native grass.

Chains.	
	S. 89° 59' E., on a random line, bet. secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	Thence
	N. 89° 57' W., on true line, bet. secs. 4 and 9.
	Over rolling land, through scattering undergrowth; descend gradually.
0.13	Drain, course N. 20° W.; ascend 5 ft.
1.70	Point of low spur, slopes N.; descend 20 ft. over NW. slope.
3.50	Drain, course N. 30° E.; ascend 15 ft. over SE. slope.
5.70	Low spur, slopes N. 20° E.; descend 60 ft. over NW. slope.
16.50	Ungraded road, bears N. and S.
17.00	Draw, course N.; ascend 40 ft. over general E. slope.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S4}{S9}$
	1939
	raise a mound
	of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Ascend 110 ft. over E. slope.
73.50	Spur, slopes N.; descend 35 ft. over general W. slope.
79.98	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling.
	Soil, gravelly clay, 3rd. rate.
	Timber, none; undergrowth, sagebrush, algerita and a fair growth of native grass.
	N. 0° 11' W., on a random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74.07	Intersect N. bdy. of Tp., 5 lks. E. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
	Thence
	S. 0° 13' E., on true line, bet. secs. 4 and 5.
	Over rolling land, through scattering undergrowth.
10.60	Wash, 20 lks. wide, course E.; ascend 40 ft. over N. slope.
18.57	Spur, slopes NE.; descend 50 ft. over SE. slope.
22.10	Drain, course E.; ascend 70 ft. over N. slope.

Chains.

25.07 Detached spur, slopes E.; descend 65 ft. over S. slope.

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



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

Descend gradually.

35.57 Wash, 150 lks. wide, cut banks 10 ft. high, course NE.; ascend 60 ft. over NW. slope.

47.07 Spur, slopes NW.; descend 20 ft. over SW. slope.

58.27 Drain, near head, course W.; ascend 75 ft. over broken NW. slope.

73.32 Spur, slopes NW.; descend gradually over W. slope.

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

Land, rolling.

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

Timber, none; undergrowth, sagebrush and algerita.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., 30 ins. above ground, supported by a mound of stone to top, marked as described in the official record.

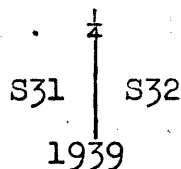
N. 0° 03' W., bet. secs. 31 and 32.

Over rolling land, through scattering undergrowth; descend 37 ft. over NE. slope.

7.19 Wash, 10 lks. wide, course S. 70° E.; road, ungraded, bears N. 60° W., and S. 60° E. A dirt tank and dam bears S. 60° E., approximately 10 chs. dist. Ascend 44 ft. over SE. slope.

40.00 Low saddle in ridge, bears N. 70° E. and S. 70° W.

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



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

Descend 40 ft. over gently rolling NW. slope.

61.00 Dim road, bears N. 40° W. and S. 40° E.; thence along gently rolling W. slope.

Chains.
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

T39N. R10W

S30	S29
S31	S32

1939

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

Land, rolling and gently rolling.

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

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

S. 89° 58' E., on a random line, bet. secs. 29 and 32.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence

N. 89° 54' W., on true line, bet. secs. 29 and 32.

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

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

12.60 Ungraded road, bears N. 40° E. and S. 40° W.

18.90 Sunshine Road, a graded dirt road, bears N. 20° W. to St. George, and S. 20° E. to Mt. Trumbull.

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

¼	S29.
	S32.

1939

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

Ascend 80 ft. over general E. slope.

53.50 Point of spur, slopes N. 20° E.; descend 75 ft. over NW. slope.

56.00 Drain, near head, course N. 20° E.; ascend 30 ft. over SE. slope.

58.70 Point of spur, slopes NE.; descend 10 ft. over NW. slope.

60.00 Drain, course NE.; ascend 63 ft. over E. slope.

70.40 Spur, slopes N.; descend 133 ft. over W. slope.

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

Chains.

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

N. 89° 58' W., on a random line, bet. secs. 30. and 31.

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

78.76 Intersect W. bdy. of Tp., 16 lks. S. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence

S. 89° 51' E., on true line, bet. secs. 30 and 31.

Over rolling land, through scattering sagebrush; ascend 75 ft. over SW. slope.

4.15 Rocky rim, bears N. 20° W. and S. 20° E.; spur, slopes S. 20° E.; descend 20 ft. over gradual E. slope.

13.56 Spur, slopes S. 20° E.; descend 135 ft. over broken E. slope.

35.76 Head of draw, course N. 60° E.; ascend 12 ft. over NW. slope.

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

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

1939

Over top of spur.

38.80 Point of spur, slopes NE.; descend 75 ft. over NE. slope.

48.76 Foot of steep descent, bears N. 20° W., and S. 20° E.; continue descent 45 ft. over gradual E. slope.

73.00 Draw, course N. 30° W.; thence over gently rolling land.

73.36 Dim, ungraded road, bears N. 16 $\frac{1}{2}$ ° W, and S. 16 $\frac{1}{2}$ ° E.

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

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

N. 0° 03' W., bet. secs. 29 and 30.

Over rolling land, through scattering undergrowth; ascend 6 ft.

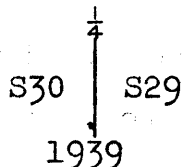
4.00 Low spur, slopes W.; descend 30 ft. over NW. slope.

Survey: Subdivision of T. 39 N., R. 10 W.

50

Chains.

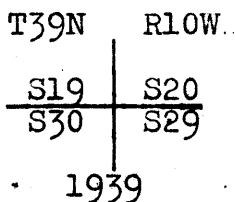
- 30.00 Dim, ungraded road, bears E. and W.
- 31.60 Wash, 5 lks. wide, course E.; ascend 40 ft. over S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



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

Ascend 92 ft. over steep, rocky S. slope.

- 43.20 Rim rock spur, slopes N. 50° E., from SW.; descend 56 ft. over N. slope.
- 51.15 Draw, course NE.; ascend 10 ft. over SE. slope.
- 54.00 Spur, slopes NE.; descend 31 ft. over NW. slope.
- 58.23 Draw, course NE., heads 4 chs. SW.; ascend 7 ft. over SE. slope.
- 65.28 Divide ridge, bears N. 50° E. and S. 50° W.; descend 57 ft. over broken N. slope.
- 70.00 Enter gently rolling land, bears NW. and SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 19, 20, 29 and 30, with brass cap marked



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

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

- S. 89° 54' E., on a random line, bet. secs. 20 and 29.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.90 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence

N. 89° 57' W., on true line, bet. secs. 20 and 29.

Over gently rolling land, through scattering sagebrush and algerita undergrowth.

Survey: Subdivision of T. 39 N., R. 10 W.

51

Chains.

24.90 Shallow drain, course NE.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \frac{S20}{S29}$

1939

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

Continue over gently rolling land, ascend gradually.

46.80 Sunshine Road, graded, bears N. 18° W. to St. George, and S. 18° E. to Mt. Trumbull.

69.90 Low divide, bears NE. and SW.; descend gradually.

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

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

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

N. $89^\circ 51'$ W., on a random line, bet. secs. 19 and 30.40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.67 Intersect W. bdy. of Tp., at the cor. of secs. 19, 24, 25 and 30; hereinbefore described.

Thence

S. $89^\circ 51'$ E., on true line, bet. secs. 19 and 30.

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

14.70 Draw, course N.; ascend 60 ft. over W. slope.

19.00 Spur, slopes N.; descend 75 ft. over E. slope.

30.00 Draw, course N.; ascend gradually over rolling NE. slope.

38.67 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, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

Continue over rolling land.

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

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

Survey: Subdivision of T. 39 N., R. 10 W.

Chains.

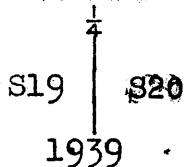
- 61.00 Ascend 85 ft. over W. slope.
- 68.00 Spur, slopes N.; descend 60 ft. over E. slope.
- 74.50 Foot of descent, bears NW. and SE; thence over gently rolling land.
- 78.67 The cor. of secs. 19, 20, 29 and 30.

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

N. 0° 03' W., bet. secs. 19 and 20.

Over gently rolling land, through scattering undergrowth; descend 30 ft. over gentle NE. slope.

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

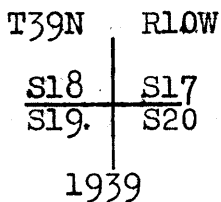


raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

Descend gradually.

- 42.00 Shallow draw, course N. 80° E.; desc. 17 ft. over E. slope.
- 70.00 Wash, 15 lks. wide, course NE.; descend gradually over NE. slope to

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



raise a mound of stone, 3½ ft. base, 3 ft. high, W. of cor.

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

Survey: Subdivision of T. 39 N., R. 10 W.

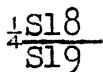
53

Chains.

- S. 89° 57' E., on a random line, bet. secs. 17 and 20.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.90 Intersect N. and S. line, at the cor. of secs. 16, 17, 20 and 21.
- Thence
- N. 89° 57' W., on true line, bet. secs. 17 and 20.
- Over gently rolling land, through scattering undergrowth; ascend 45 ft. over general E. slope.
- 39.95 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4} \frac{317}{S20}$
- 1939
- Ascend 20 ft. over gradual E. slope.
- 44.90 Low divide ridge, bears N. and S.; descend 120 ft. over W. slope.
- 52.15 Sunshine Road, graded, bears N. 5° E. to St. George, and S. 5° W. to Mt. Trumbull.
- 54.30 Wide draw, course N. 30° E.; thence over rolling land.
- 73.20 Wash, 30 lks. wide, cut banks 8 ft. high; course NE.; ascend gradually over NE. slope to
- 79.90 The cor. of secs. 17, 18, 19 and 20.
- Land, rolling and gently rolling.
Soil, gravelly clay, 3rd. rate.
Timber, none; undergrowth, sagebrush, algerita and a fair growth of native grass.
-
- N. 89° 51' W., on a random line, bet. secs. 18 and 19.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.63 Intersect W. bdy. of Tp., at the cor. of secs. 13, 18, 19 and 24, hereinbefore described.
- Thence
- S. 89° 51' E., on true line, bet. secs. 18 and 19.
- Over rolling land, through scattering undergrowth; descend gradually along S. side of ravine, course E.
- 17.00 Wash, 20 lks. wide, course NE. 2.00 chs., thence N. 60° E.; ascend 25 ft. over NW. slope.
- 24.00 Point of spur, slopes N. 20° E.; descend 50 ft. over broken E. slope.
- 28.10 Foot of descent, bears N. and S.; thence over gently rolling land.

Chains.

38.63 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



1939

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

Continue over gently rolling land.

61.50 Wide draw, course NE.; thence over gradual NE. slope.

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

Land, rolling and gently rolling.

Soil, gravelly clay, 3rd. rate.

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

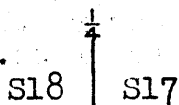
N. 0° 03' W., bet. secs. 17 and 18.

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

30.00 Shallow draw, course NE.

39.00 Shallow draw, course NE.

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



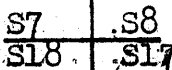
1939

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

Ascend 17 ft. over gently rolling land, sloping SE.

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

T39N R10W.



1939

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

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

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

Chains.	
	S. 89° 57' E., on a random line, bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line, 9 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence
	N. 89° 53' W., on true line, bet. secs. 8 and 17.
	Over rolling land, through medium dense undergrowth; ascend 80 ft. over E. slope.
27.20	Low divide ridge, bears N. 25° E. and S. 25° W.; descend 140 ft. over W. slope.
36.60	Foot of steep descent, bears NE. and SW.; descend gradually over NW. slope.
39.96	Set an iron post; .3 ft. long, 1 in. diam.; 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S8.}{S17}$
	1939
	raise a mound of stone, 3 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Over rolling land.
42.20	Sunshine Road, graded, bears N. 3° W. and S. 3° E.
60.00	Wide, shallow draw, course NE.; thence over gradual SE. slope.
79.92	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling and gently rolling. Soil, gravelly clay, 3rd. rate. Timber, none; undergrowth, sagebrush and a fair growth of native grass.
	N. 89° 51' W., on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.60	Intersect W. bdy. of Tp.; 12 lks. S. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.
	Thence
	S. 89° 46' E., on true line, bet. secs. 7 and 18.
	Over heavily rolling land, through scattering undergrowth; ascend 85 ft. over W. slope.
7.90	Point of spur, slopes NW.; descend 90 ft. over NE. slope.
10.80	Draw, course N. 30° W.; ascend 105 ft. over W. slope.

Chains.	
28.40	Rocky rim of mesa, bears N. and S.; thence over rolling mesa.
36.90	Rim of mesa, bears NE. and SW.; descend 35 ft. over E. slope.
38.60	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 $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S7}{S18}$
	1939
	Descend 85 ft. over E. slope.
41.60	Draw, course S. 70° E.; over rolling land.
44.10	Base of hill, bears NE. and SW.; descend 110 ft. over gradual SE. slope.
78.60	The cor. of secs. 7, 8, 17 and 18.
	Land, heavily rolling. Soil, gravelly clay and rocky, 3rd. and 4th. rates. Timber, none; undergrowth, sagebrush, algerita and a fair growth of native grass.
	N. 0° 03' W., bet. secs. 7 and 8.
	Over gently rolling land, through scattering undergrowth; ascend gradually.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S7 S8 1939
	raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
	Continue over gently rolling land.
44.50	Shallow wash, course S. 70° E.; ascend 126 ft. over SE. slope.
60.00	Low rim of mesa, bears N. 35° E. and S. 35° W.; thence over broken top of mesa.
69.00	N. rim of mesa, bears N. 60° E. and S. 60° W.; descend 119 ft. over NW. slope.
74.83	Wash, in bottom of canyon, 10 lks. wide; course N. 80° E.; ascend 92 ft. over S. slope.
78.00	Rim of same mesa, bears NE. and SW.; thence over top of rolling mesa.

Survey: Subdivision of T. 39 N., R. 10 W.

57

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 5, 6, 7 and 8, with brass cap marked

T39N R10W

S6 S5
S7 S8

1939

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

Land, S. half mile gently rolling, N. half, heavily rolling and mesa.

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

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

S. 89° 53' E., on a random line, bet. secs. 5 and 8.

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

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

Thence

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

Over rolling land, through scattering timber; descend 95 ft. over W. slope.

11.50 Wide draw, course N. 20° E.; ascend 40 ft. over gradual E. slope.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1939

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

Continue over rolling land.

42.40 Sunshine Road, graded, bears N. 24° E., to St. George and S. 24° W., to Mt. Trumbull.

43.00 Ascend 60 ft. over SE. slope.

58.10 Short spur, slopes S.; descend 25 ft. over SW. slope.

60.80 Drain, course SE.; ascend 85 ft. over E. slope.

69.00 Point of spur, slopes N.; descend 70 ft. over NW. slope.

74.70 Same drain, near mouth of canyon, course N. 60° E.; ascend 110 ft. over rocky SE. slope.

Chains.

79.10 Rim of mesa, bears NE. and SW.; thence over mesa.

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

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

N, 89° 46' W., on a random line, bet. secs. 6 and 7.

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

78.54 Intersect W. bdy. of Tp., 11 lks. N. of the cor. of secs.
1, 6, 7 and 12, hereinbefore described.

Thence

S. 89° 51' E., on true line, bet. secs. 6 and 7.

Over heavily rolling land, through medium dense undergrowth;
descend 20 ft. over SE. slope.

5.10 Ravine, course NE.; ascend 12 ft. over NW. slope.

8.64 Spur, slopes N. 20° E.; descend 205 ft. over SE. slope.

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

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

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

1939

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

Ascend 115 ft. over general NW. slope.

40.64 Ungraded road, bears N. 10° E. and S. 10° W.

51.54 Rocky rim of mesa, bears NE. and SW.; thence over rolling
mesa.

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

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

Chains.

N. 0° 13' W., on a random line, bet. secs. 5 and 6.

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

73.85 Intersect N. bdy. of Tp., 9 lks. E. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Thence

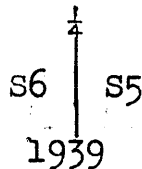
S. 0° 17' E., on true line, bet. secs. 5 and 6.

Over rolling land, through scattering undergrowth; descend 102 ft. over SE. slope, from top of spur, sloping NE.

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

28.15 Wash, 40 lks. wide, course NE.; ascend 24 ft. over NW. slope.

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



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

Ascend 146 ft. over NW. slope.

47.85 Rim of mesa, bears N. 60° E. and S. 60° W.; thence ascend 42 ft. over gradual N. slope, on mesa.

68.95 Top of ascent, bears E. and W.; descend 17 ft. over S. slope of mesa.

71.85 Head of canyon, course E.; ascend 17 ft.

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

Land, rolling and rolling mesa.

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

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

GENERAL DESCRIPTION.

This township is situated adjacent to the Hurricane Ledge, which forms the west rim of the Uinkaret Plateau, and breaks off to the lower land with a steep descent of approximately 1000 ft. There are cliffs along the top of this ledge, ranging in height from 100 to 200 ft., and the lower slope is very rocky. The ledge touches the extreme NE. portion, extending NW. and SE. thru the NE $\frac{1}{4}$ of sec. 1. The topography is generally rolling, valley land in the eastern portion of the township, with some nearly level land, but generally rougher and higher, with low ridges and rocky spurs in the west half. The average elevation above sea level is 4500 feet.

The Hurricane Wash, and its tributaries, constitutes the principal drainage system. This wash has a general NE. course thru secs. 1, 11, 12, 14, 22 and 27. It is dry

except during the rainy season, when there is a considerable runoff, which is held to a limited extent in a few dirt tanks, for stock watering purposes; the principal ones being; TOKER TANK in NW $\frac{1}{4}$ of sec.36, another in SW $\frac{1}{4}$ of sec. 12, another at an old ranch house in NE $\frac{1}{4}$ of sec.27, and another near the C.Force ranch house in SE $\frac{1}{4}$ of sec. 32. These tanks hold a fair amount of water, except during very dry periods.

The soil is generally gravelly clay and gypsum, 2nd and 3rd rates, with some rocky soil, 4th rate, in west half.

There is no timber. The undergrowth consists of scattering sagebrush, algerita, Mormon tea, and cacti. There is a fairly heavy growth of native grass over most of the township, which is suitable for grazing, which is the principal industrial activity of the region. A considerable number of cattle and sheep are grazed over the range the greater part of the year.

The Navajo Trail, an old Indian trail, from the Colorado River to points in Utah, extends with a general E. and W. bearing, thru secs.32, 33, 27 and 34. This is now an ungraded, unimproved road, principally used by stockmen. The Sunshine Road, which has been graded and somewhat improved, but not surfaced, extends with a general N. and S. bearing, thru secs. 5, 8, 17, 20, 29 and 32. This road joins the main road leading to St.George, Utah, some distance NW. of this township, but is not extensively travelled.

The settlement and improvements consist of: a dugout, owned by Joe Beach, in SW $\frac{1}{4}$ of sec.1; an old ranch house, now periodically occupied by stock tenders, in NE $\frac{1}{4}$ of sec. 27; and the ranch house of C.Force, in SE $\frac{1}{4}$ of sec.32.

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

FINAL FIELD TESTS OF INSTRUMENTS.

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

May 7, 1939;

At station in camp near center of sec.22, T.39 N.,R.10 W. lat. 36°46'N., long. 113°21 $\frac{1}{2}$ 'W., examine the adjustments of Buff and Buff transit No.16723 and find no errors. Then, to test the solar apparatus of same by comparison of its indications with a true meridian determined at this station by Polaris observations on April 29,1939, as described on page 1 hereof, proceed as follows:

At 9h. 00m.,a.m.,app.t., set off 36°46'N. on the lat. arc; 16°42'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 16°44'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 16°46'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 with which it was used, as described in the foregoing field notes.

Buff and Buff transit No. 9934.
Claude F. Warner, Transitman.

May 7, 1939;

At same station where the preceding instrument test was made, examine the adjustments of Buff and Buff transit No. 9934 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 $36^{\circ}46'$ N. on the lat. arc; $16^{\circ}42'$ 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 $16^{\circ}44'$ 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 $16^{\circ}46'$ 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 described in the foregoing field notes.

Young and Sons' transit No. 3526.
Frank Motch, Public Land Surveyor.

May 7, 1939;

At same station where the two preceding instrument tests were made, examine the adjustments of Young and Sons' transit No. 3526 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 $36^{\circ}46'$ N. on the lat. arc; $16^{\circ}42'$ 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 $16^{\circ}44'$ 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 $16^{\circ}46'$ 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 described in the foregoing field notes.

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BOOK 5253

4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS
to

Frank Moteh, Public Land Surveyor.

NAMES	CAPACITY
Thornton Fitzhugh,	Principal Assistant.
Rulon F. Westover,	Chainman.
Clarence E. Liles,	Flagman.
Alfred Figueira, Jr.	Cornerman
Frank Doner, Jr.	Axeman.
Stanley C. Turner,	Axeman.

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BOOK 4254

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 10 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,~~

~~, 10~~

~~The foregoing field notes of the survey of~~

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

~~Supervisor of Surveys.~~

~~CERTIFICATE OF TRANSCRIPT~~

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

~~Supervisor of Surveys.~~

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4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS
to
Claude F. Warner, Transitman

NAMES	CAPACITY
<u>Benjamin J. Mollette,</u>	<u>Principal Assistant.</u>
<u>Roy M. Clifton,</u>	<u>Chainman.</u>
<u>Ernest Crofford,</u>	<u>Flagman.</u>
<u>Dean Peterson,</u>	<u>Cornerman</u>
<u>Kenneth Carrick,</u>	<u>Axeman.</u>

CERTIFICATE OF SURVEYOR

I, Claude F. Warner, Transitman, HEREBY CERTIFY upon honor that, in pursuance of ^{supplemental} special instructions bearing date of the 30th day of April 1936, received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939, I have surveyed

Part of the Subdivisional lines of Township 39 North, Range 10 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

10

The foregoing field notes of the survey of

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

Supervisor of Surveys

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in

is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys

4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS
to
Horace M. Muscott, Surveyor.

NAMES	CAPACITY
Bert E. Wakeman,	Principal Assistant.
Kenneth Poor,	Chainman.
Leo Medigovich,	Flagman.
Lavell Palmer,	Cornerman
George B. McDevitt,	Axeman.
James Pearce,	Axeman.

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BOOK 4254

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 of
Township 39 North, Range 10 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 10 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
supplemental
under special instructions dated April 30, 1936, for Group 210, Arizona, and assignment
instructions dated April 11, 1939, having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

Frank Moteh

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.~~