

Original.

4-879
(April 1933)

Book B

1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4277

FIELD NOTES

OF THE

4277

Survey of the South and North Boundaries and the Subdivisional Lines of
Township 39 North, Range 11 West,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Horace M. Muscott, Surveyor, Claude F. Warner, Transitman, and Frank
Motoh, Public Land Surveyor, General Land Office.

Under special instructions dated July 13, 1937, which provided
for the surveys included under Group No. 211, bearing the approval of the
Commissioner of the General Land Office under date of May 9, 1939 and
May 29, 1939
and assignment instructions dated April 11, 1939:

Survey commenced May 7, 1939.

Survey completed June 8, 1939.

1A

BOOK 4277

INDEX DIAGRAM.

Township 39 North, Range 11 West

14 6	13 68 5	11 53 4	10 42 3	9 32 2	8 23 1
67 7	66 65 8	52 51 9	41 40 10	31 30 11	22 21 12
64 18	63 62 17	50 49 18	39 38 15	30 29 14	21 20 13
61 19	61 59 20	48 47 21	37 36 22	28 27 23	19 18 24
59 30	58 57 29	47 46 28	35 35 27	26 26 26	17 17 25
56 31	55 54 32	45 44 33	34 33 34	25 24 35	16 15 36
3	4	5	5	6	7

6-151

- Lines run by Horace M. Muscott.
- Lines run by Frank Motosh.
- Lines run Claude F. Warner.

T. 39 N., R. 11 W.

EOCK 4277

18

The surveys herein described were executed by Horace M. Muscott, Surveyor, using Buff and Buff transit No. 16723, Claude F. Warner, Transitman, using Buff and Buff transit No. 9984, and Frank Motch, Public Land Surveyor, using Young and Sons transit No. 8526. These instruments are equipped with an improved Smith solar attachment and otherwise conform to the standard specifications of the General Land Office.

The instruments were examined by the District Cadastral Engineer for California and Arizona prior to the beginning of the surveys of this group, and were approved conditional upon satisfactory results of field tests of same.

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

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

PRELIMINARY FIELD TEST OF INSTRUMENT.
HORACE M. MUSCOTT, BUFF AND BUFF TRANSIT NO. 16723.

April 28, 1939,
at station in the NW $\frac{1}{4}$ of sec. 22, T. 39 N., R. 10 W., G. and S. R. Meridian, Arizona, in latitude 36° 46' N., and longitude 113° 21 $\frac{1}{2}$ ' W., as determined from data accompanying the Special Instructions, examine the adjustments of the instrument and find no errors. To test the solar apparatus upon 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 tack in top of a stake driven firmly in the ground about 10 chs. north.

Azimuth of Polaris at eastern elongation 1° 16' 51".

April 29, 1939: at 7h.00m., a.m., lay off the azimuth of Polaris 1° 17' to the west, and mark the true meridian thus determined by a tack set in top of a stake driven firmly in the ground, about 10 chs. N.

May 7, 1939: at 9h.00m., a.m., app. t., on the meridian described above, set off 36° 46' N. on the latitude arc; 16° 42' N. on the declination arc and determine a meridian with the solar which agrees with the true meridian within 1' 30".

At app. noon, with the latitude arc unchanged, observe the sun on the meridian and obtain a reading of 16° 44' N. on the declination arc, which agrees with the computed declination of the sun.

BOOK 4277

T. 39 N., R. 11 W.

2

At 3h.00m., p.m., app. t., with the latitude arc unchanged, set off $16^{\circ} 46'$ N. on the declination arc and determine a meridian with the solar, which agrees with the true meridian within $1' 30''$.

As all 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.

CLAUDE F. WARNER, BUFF AND BUFF TRANSIT NO. 9984.

May 7, 1939,

at 9h.00m., a.m., app. t., on the meridian established by Horace M. Muscott, Surveyor, described above, set off $36^{\circ} 46'$ N. on the latitude arc; $16^{\circ} 42'$ N. on the declination arc and determine a meridian with the solar which agrees with the true meridian within $1' 30''$.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian and obtain a reading of $16^{\circ} 44'$ N. on the declination arc, which agrees with the computed declination of the sun.

At 3h.00m., p.m., app. t., with the latitude arc unchanged, set off $16^{\circ} 46'$ N. on the declination arc and determine a meridian with the solar, which agrees with the true meridian within $1' 30''$.

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

FRANK MOTOH, YOUNG AND SONS TRANSIT NO. 8526.

May 7, 1939,

at 9h.00m., a.m., app. t., on the meridian established by Horace M. Muscott, Surveyor, described above, set off $36^{\circ} 46'$ N. on the latitude arc; $16^{\circ} 42'$ N. on the declination arc and determine a meridian with the solar which agrees with the true meridian within $1' 30''$.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian and obtain a reading of $16^{\circ} 44'$ N. on the declination arc, which agrees with the computed declination of the sun.

At 3h.00m., p.m., app. t., with the latitude arc unchanged, set off $16^{\circ} 46'$ N. on the declination arc and determine a meridian with the solar, which agrees with the true meridian within $1' 30''$.

As all 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.

Survey: South Boundary of T. 39 N., R. 11 W.

Chains.

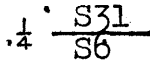
From the cor. of Tps. 38 and 39 N., Rgs. 10 and 11 W. West, on a random line, along S. bdy. of T. 39 N., R. 11 W., setting temp. $\frac{1}{4}$ sec. and sec. cors. alternately at 40 ch. intervals and at 477.55 chs. intersect N. and S. line, 54 lks. S. of the cor. of Tps. 39 N., Rgs. 11 and 12 W. only, which is an iron post, 3 ins. diam., 12 ins. above ground, marked and witnessed as described in the official record.

Thence

S. 89° 56' E., on true line, bet. secs. 6 and 31.

Over rolling land, through scattering timber and undergrowth; descend 26 ft. over E. slope.

- 1.10 Draw, course S.; ascend 99 ft. over W. slope.
- 7.76 Spur, slopes S.; descend 78 ft. over E. slope.
- 26.55 Bottom of descent, bears N. and S.; ungraded road, bears N. and S.; ascend 40 ft. over W. slope.
- 35.25 Spur, slopes S.; descend 16 ft. over SE. slope.
- 37.55 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

from which

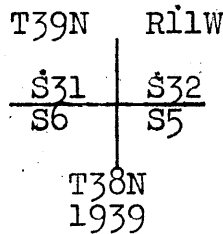
A juniper, 7 ins. diam., bears S. 47 $\frac{3}{4}$ ° E., 186 lks. dist., marked $\frac{1}{4}$ S 6 B T.

A juniper, 3 ins. diam., bears S. 26° W., 18 lks. dist., marked B T.

No bearing tree N. of line available.

Descend 106 ft. over broken SE. slope.

- 72.65 Ungraded road, 20 lks. S. of line, bears E. and W.
- 77.55 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 5, 6, 31 and 32, with brass cap marked



from which

A juniper, 14 ins. diam., bears N. 56° E., 320 lks. dist., marked T 39 N R 11 W S 32 B T.

A juniper, 16 ins. diam., bears S. 21 $\frac{1}{2}$ ° E., 365 lks. dist., marked T 38 N R 11 W S 5 B T.

Chains.

A juniper, 12 ins. diam., bears S. 28° W., 497 lks.
dist., marked T 38 N R 11 W S 6 B T.

A juniper, 14 ins. diam., bears N. 23° W., 430 lks.
dist., marked T 39 N R 11 W S 31 B T.

Land, rolling.
Soil, rocky clay, 3rd. and 4th. rate.
Timber, scattering juniper; undergrowth, sagebrush, algerita,
yucca and a fair growth of native grass.

S. 89° 56' E., bet. secs. 5 and 32.

Over rolling land; through scattering timber and under-
growth; ascend 17 ft. over broken SW. slope.

- 8.00 Top of ascent, thence along broken S. slope.
- 23.34 Ungraded road; bears NE. and SW.
- 29.00 Spur, slopes S.; descend 48 ft. over SE. slope.
- 38.30 Wash, 16 lks. wide, course N. 70° E.; ascend 6 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1939

A juniper, 6 ins. diam., bears S. 43 $\frac{1}{2}$ ° W., 383 lks. from which
dist., marked $\frac{1}{4}$ S 5 B T.

A juniper, 8 ins. diam., bears N. 67 $\frac{3}{4}$ ° W., 305 lks.
dist., marked $\frac{1}{4}$ S 32 B T.

Over broken land.

- 46.10 Wash, 15 lks. wide, *heads 15 chs. NW.* course SE.; ascend 40 ft. over
SW. slope.
- 53.10 Top of ascent, bears NW. and SE.; descend 69 ft. over SE.
slope.
- 68.20 Draw, course SE.; ascend 23 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground, to bedrock, with a stone marked with a X at base
of post, and in a mound of stone to top, for the cor. of
secs. 4, 5, 32 and 33, with brass cap marked

T39N R11W
S32 S33
S5 S4

T38N
1939

Land, rolling.
Soil, rocky clay, 3rd. and 4th. rate.
Timber, juniper; undergrowth, sagebrush, algerita and a
fair growth of native grass.

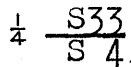
Chains.

S. 89° 56' E., bet. secs. 4 and 33.

Over rolling land, through scattering timber and undergrowth; ascend 46 ft. over SW. slope.

10.00 Top of rolling mesa, bears NW. and SE.; thence over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, with granite stone 3x2x2 ins., marked X deposited at base and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

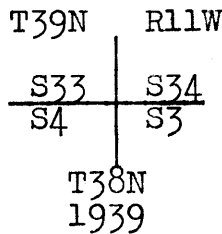


1939

Continue over rolling mesa.

43.70 Leave mesa, bears NE. and SW.; descend 183 ft. over broken SE. 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 1/2 ft. base, 2 ft. high, W. of cor.

Land, rolling.

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

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

S. 89° 56' E., bet. secs. 3 and 34.

Over rolling valley of Main Street Wash, through scattering undergrowth.

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

16.50 Main Street Wash, 20 lks. wide, course N. 15° W., continue over valley land.

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

35.00 Leave bottom land, bears N. 10° W. and S. 10° E.; ascend 34 ft. over W. 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

Chains.

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

1939

raise a mound of stone, 4 ft. base, 2½ ft. high, N. of cor.

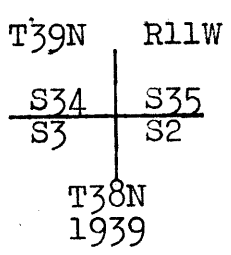
Ascend 289 ft. over broken NW. slope, through scattering timber and undergrowth.

58.50 Ridge, bears N. and S.; dim, ungraded road, bears N. and S.; descend 114 ft. over broken E. slope.

75.00 Bottom of descent, bears N. and S.; ascend 34 ft. over NW. slope.

80.00 Spur, slopes NE.

Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 2, 3, 34 and 35, with brass cap marked



from which

A juniper, 12 ins. diam., bears N. 55¼° E., 208 lks. dist., marked T 39 N R 11 W S 35 B T.

A juniper, 6 ins. diam., bears S. 30¾° E., 122 lks. dist., marked T 38 N R 11 W S 2 B T.

A juniper, 16 ins. diam., bears S. 43¼° W., 88 lks. dist., marked T 38 N R 11 W S 3 B T.

A juniper, 12 ins. diam., bears N. 24¾° W., 31 lks. dist., marked T 39 N R 11 W S 34 B T.

Land, rolling. Soil, rocky clay and gypsum, 4th. rate. Timber, scattering juniper; undergrowth, sagebrush, algerita, yucca and a fair growth of native grass.

S. 89° 56' E., bet. secs. 2 and 35.

Over mountainous land, through scattering timber; descend 112 ft. over broken E. slope.

14.00 Top of clay cliff, 40 ft. high, bears N. and S.; descend 186 ft. over steep E. slope.

25.20 Wash in bottom of canyon, course N. 20° E.; ascend 113 ft. over NW. slope.

34.00 Spur, slopes N.; descend E. slope 39 ft.

Survey: South Boundary of T. 39 N., R. 11 W.

4277

7

Chains.	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{c} S35 \\ S2 \end{array}$
	1939
	from which
	A juniper, 10 ins. diam., bears N. $52\frac{1}{2}^{\circ}$ E., 184 lks. dist., marked $\frac{1}{4}$ S 35 B T.
	A juniper, 6 ins. diam., bears S. 59° W., 205 lks. dist., marked $\frac{1}{4}$ S 2 B T.
	Descend 36 ft. over E. slope.
40.70	Draw, near head, course N.; ascend 36 ft. over NW. slope.
43.00	Flat topped spur, slopes NE., thence across top of spur.
57.70	Leave top of spur, slopes NE.; descend 168 ft. over rocky SE. slope.
67.20	Bottom of descent, thence over N. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 1, 2, 35 and 36, with brass cap marked
	$\begin{array}{cc} T39N & R11W \\ & \\ S35 & S36 \\ S2 & S1 \\ & \\ T38N & \\ 1939 & \end{array}$
	raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
	Land, mountainous. Soil, rocky clay and gypsum, 4th. rate. Timber, scattering juniper; undergrowth, algerita, sage-brush and a fair growth of native grass.
	S. $89^{\circ} 56'$ E., bet. secs. 1 and 36.
	Over rolling and broken land, through scattering timber and undergrowth.
5.30	Spur, slopes N. 60° E.; descend 120 ft. over broken SE. slope.
10.60	Ungraded road, the old Navajo Trail, bears N. 17° W. and S. 28° E.
33.00	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

Chains.

$\frac{1}{4}$ $\frac{S36}{S1}$

1939

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

Descend 54 ft. over gently rolling E. slope.

47.90 Ungraded road, bears NW. and SE.

80.00 The cor. of Tps. 38 and 39 N., Rgs. 10 and 11 W., which is an iron post, 3 ins. diam., 12 ins. above ground, marked and witnessed as described in the official record.

Land, W. half, heavily rolling, E. half, gently rolling. Soil, clay and gypsum, 3rd. and 4th. rate. Timber, scattering juniper; undergrowth, sagebrush, algerita, yucca and a good growth of native grass.

Survey: North Boundary of T. 39 N., R. 11 W.

From the cor. of Tps. 39 and 40 N., Rgs. 10 and 11 W., which is an iron post, 3 ins. diam., 36 ins. above ground, in a mound of stone to top and marked as described in the official record.

West, on true line, bet. secs. 1 and 36.

Over mountainous land, through scattering undergrowth; ascend 164 ft. over SE. slope.

20.30 Ridge, bears N. 10° E. and S. 10° W.; descend 100 ft. over NW. slope.

37.50 Draw, course N. 10° E.; ascend gradually.

38.30 Road; bears N. 10° E. and S. 10° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock with granite stone 3x3x3 ins., marked X deposited at base and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S36}{S1}$

1939

Ascend 12 ft. along N. slope.

45.00 Top of ascent, bears NE. and SW.; descend gradually.

47.80 Draw, course NE.; ascend 13 ft. over NE. slope.

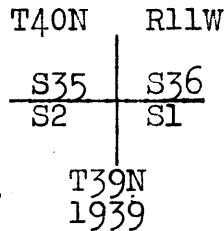
54.00 Spur, slopes N. 10° E.; descend 185 ft. over NW. slope.

54.20 Point from which new earth tank and dam bears N. 69¾° W.

71.50 Ravine, course NW.; ascend 16 ft. over E. slope.

Chains.

- 77.70 Short spur, slopes N. 20° W.; descend 22 ft. over NW. slope.
 79.60 Ravine, course NW.; ascend 2 ft. over NE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 1, 2, 35 and 36, with brass cap marked



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

Land, mountainous.

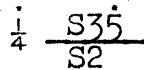
Soil, rocky, 3rd. and 4th. rate.

Timber, scattering juniper, E. half, W. half, none; undergrowth. sagebrush, algerita, cliff rose, cacti and a good growth of native grass.

West, bet. secs. 2 and 35.

Over mountainous land, through scattering undergrowth; ascend 23 ft. over NE. slope.

- 4.80 Spur, slopes NW.; descend 64 ft. over general W. slope.
 9.60 Wash, 20 lks. wide, in bottom of canyon, course N.; ascend 54 ft. over E. slope.
 10.60 Ungraded road, bears N. and S.
 17.40 Spur, slopes N.; descend 63 ft. over NW. slope. Point from which earth tank, described on line bet. secs. 1 and 36, bears N. 20° W.
 27.30 Draw, course N. 30° E.; over bottom of draw.
 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



1939

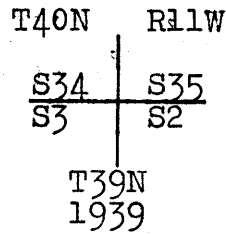
raise a mound
 of stone, 3 ft. base, 2 ft. high, N. of cor.

Ascend 30 ft. over gentle SE. slope.

- 50.00 Continue ascent 300 ft. over steep SE. slope, with broken ledges.
 63.00 Old trail, bears NE. and SW.
 64.00 Enter scattering timber, bears N. and S.
 69.90 Top of steep ascent, bears N. and S.; continue ascent 57 ft. over broken E. slope.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 2, 3, 34 and 35, with brass cap marked



from which

- A juniper limb, 5 ins. diam., bears N. 68° E., 87 lks. dist., marked T 40N R11W S35 B T.
- A juniper, 6 ins. diam., bears S. 35° E.; 95 lks. dist., marked T 39 N R 11 W S 2 B T.
- A juniper, 6 ins. diam., bears S. 32° W., 105 lks. dist., marked T 39 N R 11 W S 3 B T.
- A juniper, 9 ins. diam., bears N. 37½° W., 116 lks. dist., marked T 40 N R 11 W S 34 B T.

Land, mountainous.

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

Timber, E. 60 chs. none, W. 20 chs. scattering juniper and pinon pine; undergrowth, sagebrush, algerita, Mormon tea, cacti, cliff rose and a good growth of native grass.

West, bet. secs. 3 and 34.

Over rolling land, through scattering timber and undergrowth; ascend 48 ft. over E. slope.

- 15.50 Spur, slopes N.; thence along gentle N. slope.
- 19.50 Old trail, bears NW. and SE.
- 22.40 Ridge, bears NW. and SE.; descend 55 ft. over SW. slope.
- 31.30 Ravine, course SE.; ascend 22 ft. over E. slope.
- 40.00 Set an iron post, 3 ft. long; 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼ S34
 S3

1939

from which

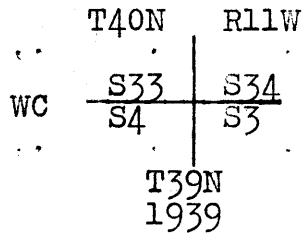
- A juniper, 5 ins. diam., bears N. 32° E., 51 lks. dist., marked ¼ S 34 B T.
- A juniper, 5 ins. diam., bears S. 38° E., 19 lks. dist., marked ¼ S 3 B T.

Thence along broken S. slope. desc. 47 ft.

- 46.00 Ravine, course S.; ascend 25 ft. over E. slope.

Chains.

- 53.50 Spur, slopes S.; descend 50 ft. over W. slope.
 56.80 Ravine, course S.; ascend 22 ft. over E. slope.
 74.00 Short spur, slopes S.; descend 20 ft. over W. slope.
 79.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. of secs. 3, 4, 33 and 34, with brass cap marked



from which

- A juniper, 10 ins. diam., bears N. 56° E., 86 lks. dist., marked W C T 40 N R 11 W S 34 B T.
 A juniper, 5 ins. diam., bears S. 79° E., 90 lks. dist., marked W C T 39 N R 11 W S 3 B T.
 A juniper, 8 ins. diam., bears S. 44° W., 61 lks. dist., marked W C T 39 N R 11 W S 3 B T.
 A juniper, 5 ins. diam., bears N. 28° W., 79 lks. dist., marked W C T 40 N R 11 W S 34 B T.
- 80.00 True point for the cor. of secs. 3, 4, 33 and 34 falls on insecure ground, on rocks, in the bottom of ravine, course S. 10° W.

Land, heavily rolling.

Soil, rocky clay, 4th. rate.

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

West, bet. secs. 4 and 33.

Over mountainous land, through scattering timber and undergrowth; ascend 20 ft. over E. slope.

- 1.00 Short spur, slopes S.; descend 16 ft. over SW. slope.
 2.90 Ravine, course SE.; ascend 32 ft. over E. slope.
 8.00 Low spur, slopes S.; thence along S. slope.
 16.00 Trail, bears N. and S.
 18.00 Ravine, course S. 70° E.; ascend 107 ft. along broken N. slope.
 30.30 Same ravine, course N. 70° E.; ascend 123 ft. over NE. slope.
 36.30 Shallow drain, course NE.; continue ascent 120 ft. over E. 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

$$\frac{1}{4} \frac{S33}{S4}$$

1939

from which

A juniper, 6 ins. diam., bears S. 32° W., 32 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A juniper, 6 ins. diam., bears N. 30° W., 21 lks. dist., marked $\frac{1}{4}$ S 33 B T.

Ascend 235 ft. over rocky E. slope.

49.00 Spur, slopes NE.; descend 16 ft. over NW. slope.

50.90 Rocky ravine; course NE.; ascend 254 ft. over rocky SE. slope.

65.50 Trail, bears N. 20° E. and S. 20° W.; continue ascent over SE. slope.

66.00 Ridge, bears N. 20° E. and S. 20° W.; descend 120 ft. over NW. slope.

76.40 Trail, bears NE. and SW.

79.85 Draw, course S. 20° W.; ascend gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 4, 5, 32 and 33, with brass cap marked

T40N R11W

$$\begin{array}{c|c} S32 & S33 \\ \hline S5 & S4 \end{array}$$

T39N
1939

from which

A juniper, 5 ins. diam., bears N. 34° E., 33 lks. dist., marked T 40 N R 11 W S 33 B T.

A juniper, 9 ins. diam., bears S. 19° E., 259 lks. dist., marked T 39 N R 11 W S 4 B T.

A juniper, 5 ins. diam., bears S. $27\frac{1}{2}^{\circ}$ W., 204 lks. dist., marked T 39 N R 11 W S 5 B T.

A juniper, 5 ins. diam., bears N. $66\frac{3}{4}^{\circ}$ W., 60 lks. dist., marked T 40 N R 11 W S 32 B T.

Land, mountainous.

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

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

Chains	West, bet. secs. 5 and 32.
	Over rolling land, through heavy timber and dense undergrowth; over gradual W. slope.
13.00	Draw, course S.; ascend 23 ft. over E. slope.
23.50	Low spur, slopes S.; along gradual SW. slope.
27.90	Draw, course SE.; ascend 57 ft. over E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{r} S 32 \\ S 5 \end{array}$ 1939
	from which
	A juniper, 7 ins. diam., bears N.23 $\frac{1}{4}$ °E., 30 lks. dist., marked $\frac{1}{4}$ S 32 B T.
	A juniper, 6 ins. diam., bears S.22 $\frac{1}{2}$ °E., 57 lks. dist., marked $\frac{1}{4}$ S 5 B T.
	Ascend gradually over E. slope.
42.00	Spur, slopes S.; descend 50 ft. over W. slope.
53.30	Draw, course S.; ascend 52 ft. over NE. slope.
68.60	Spur, slopes S.20°E.; descend gradually 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. 5,6,31 and 32, with brass cap marked
	$\begin{array}{r} T 40 N R 11 W \\ S 31 \quad \quad S 32 \\ S 6 \quad \quad S 5 \\ T 39 N \\ 1939 \end{array}$
	from which
	A juniper, 18 ins. diam., bears N.3 $\frac{1}{4}$ °E., 120 lks. dist., marked T 40 N R 11 W S 32 B T.
	A juniper, 6 ins. diam., bears S.40 $\frac{3}{4}$ °E., 69 lks. dist., marked T 39 N R 11 W S 5 B T.
	A juniper, 14 ins. diam., bears S.62 $\frac{1}{2}$ °W., 58 lks. dist., marked T 39 N R 11 W S 6 B T.
	A juniper, 14 ins. diam., bears N.70 $\frac{3}{4}$ °W., 115 lks. dist., marked T 40 N R 11 W S 31 B T.
	Land, rolling. Soil, rocky, 3rd. and 4th. rate. Timber, juniper and pinon pine; undergrowth, sagebrush, cliff rose, algerita, cacti and a good growth of native grass.
	West, bet. secs. 6 and 31.
	Over rolling land, through heavy timber and dense undergrowth.
.05	Draw, course SE.; ascend 50 ft. over NE. slope.

Survey: North Boundary of T. 39 N., R. 11 W.

14

Chains

10.50 Spur, slopes S.; descend gradually over W. slope.
 18.20 Draw, course S.; ascend gradually over E. slope.
 25.00 Trail, bears N.20°E. and S.20°W.
 38.00 Spur, slopes S.; 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

$$\begin{array}{r} \frac{1}{4} S 31 \\ S 6 \end{array}$$

1939

from which

A juniper, 8 ins. diam., bears N.62°E., 6 lks.
 dist., marked $\frac{1}{4}$ S 31 B T.

A juniper, 5 ins. diam., bears S.29°W., 48 lks.
 dist., marked $\frac{1}{4}$ S 6 B T.

Descend gradually over W. slope.

45.20 Draw, course S.; ascend gradually over E. slope, 30 ft.

58.00 Divide ridge, bears N. and S.; descend 112 ft. over SW. slope.

76.23 Intersect the E. bdy. of T.39 N., R. 12 W., at a point 6.24 chs. S. of the cor. of Ts. 39 & 40 N., Rs. 11 & 12 W., which is an iron post, 3 ins. diam., 10 ins. above ground, with brass cap marked

$$\begin{array}{ccc} & T40N & \\ R12W & & R11W \\ S36 & | & S31 \\ S1 & | & S6 \\ & T39N & \\ & 1926 & \end{array}$$

from which

A cedar, 12 ins. diam., bears N.83°E., 92 lks.
 dist., marked T 40 N R 11 W S 31 B T.

A cedar, 12 ins. diam., bears S.11°E., 89 lks.
 dist., marked T 39 N R 11 W S 6 B T.

A cedar, 4 ins. diam., bears S.73°W., 42 lks.
 dist., marked BT.

A cedar, 12 ins. diam., bears N.51°W., 39 lks.
 dist., marked T 40 N R 11 W S 36 B T.

As this corner no longer serves for Ts. 39 & 40 N., R. 11 W., I alter the marks on the brass cap to read as follows:

$$\begin{array}{ccc} & T40N & \\ R12W & & R11W \\ S36 & | & S31 \\ S1 & | & S6 \\ & T39N & \\ & 1939 & \\ & 1926 & \end{array}$$

and destroy the markings on the bearing trees to the NE. and SE.

At the point of intersection
 Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of Tps. 39 & 40 N., Rs. 11 W., with brass cap marked

$$\begin{array}{ccc} & T40N & \\ T39N & & R11W \\ R12W & | & S 31 CC \\ S1 & | & S 6 \\ & T39N & \end{array}$$

1939

Chains.

from which

A juniper, 6 ins. diam., bears N. $22\frac{1}{2}^{\circ}$ E., 67 lks. dist., marked T 40 N R 11 W S 31 C C B T.

A juniper, 7 ins. diam., bears S. $64\frac{1}{4}^{\circ}$ E., 54 lks. dist., marked T 39 N R 11 W S 6 C C B T.

Land, rolling.

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

Timber, juniper and pinon pine; undergrowth, sagebrush, cliff rose, cacti and a fair growth of native grass.

Survey: Subdivision of T. 39 N., R. 11 W.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of tp., hereinbefore described.

N. $0^{\circ} 01'$ W., bet. secs. 35 and 36.

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

5.50 Descend 30 ft. over N. slope.

7.70 Wash, 10 lks. wide, in bottom of shallow canyon; course E.; ascend 25 ft. over SE. slope.

11.10 Spur, slopes NE.; descend 35 ft. over NW. slope.

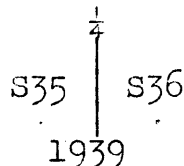
16.00 Wash, 5 lks. wide, in bottom of shallow canyon; course NE.; ascend 25 ft. over rocky SE. slope.

22.20 Short spur, slopes N. 70° E.; descend 25 ft. over general N. slope.

28.70 Gulch, course N. 70° E.; ascend gradually.

38.50 Low, flat spur, slopes N. 60° E.; descend gradually over NW. slope.

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



Descend 60 ft. over NW. slope.

49.20 Wash, 15 lks. wide, in bottom of shallow canyon, course E. for 1.00 ch.; thence NE.; ascend 30 ft. over rocky S. slope.

52.70 Short spur, slopes E.; descend 30 ft. over NE. slope.

57.30 Draw, course N. 60° E.; ascend gradually.

Chains.									
58.60	Top of ascent; descend 50 ft. over broken NE. slope.								
68.60	Foot of descent, bears NW. and SE.; thence 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. 25, 26, 35 and 36, with brass cap marked								
	<table style="margin: auto;"> <tr> <td>T39N</td> <td>R11W</td> </tr> <tr> <td>S26</td> <td>S25</td> </tr> <tr> <td>S35</td> <td>S36</td> </tr> <tr> <td colspan="2" style="text-align: center;">1939</td> </tr> </table>	T39N	R11W	S26	S25	S35	S36	1939	
T39N	R11W								
S26	S25								
S35	S36								
1939									
	raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.								
	Land, heavily rolling and gently rolling. Soil, gravelly and rocky clay, 3rd. and 4th. rate. Timber, none; undergrowth; sagebrush, algerita, spanish dagger and a fair growth of native grass.								
	S. 89° 56' E., on a random line, bet. secs. 25 and 36.								
40.00	Set temp. ¼ sec. cor.								
80.00	Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs. 25, 30, 31 and 36; established under Group 210, described in the field notes of the W. bdy. of T. 39 N., R. 10 W., as of record.								
	Thence								
	N. 89° 54' W., on true line, bet. secs. 25 and 36.								
	Over rolling land, through a medium growth of sagebrush, algerita and native grass; descend 85 ft. over W. slope.								
21.80	Draw. course N. 8° W.; thence over gently rolling land.								
22.00	Ungraded road, bears N: 8° W. and S. 8° 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								
	<table style="margin: auto;"> <tr> <td>¼</td> <td>S25</td> </tr> <tr> <td></td> <td>S36</td> </tr> </table>	¼	S25		S36				
¼	S25								
	S36								
	1939								
	raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.								
	Continue over gently rolling land.								
44.70	Ungraded road, bears N. 29½° E. and S. 29½° W.								
73.50	Shallow draw, course N. 30° E.								
75.40	Ungraded road, bears N. 10° E. and S. 10° W.								
80.00	The cor. of secs. 25, 26, 35 and 36.								
	Land, rolling and gently rolling. Soil, gravelly clay, 3rd. rate. Timber, none; undergrowth, sagebrush, algerita and grass.								

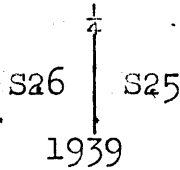
Chains.

N. 0° 01' W., bet. secs. 25 and 26.

Over gently rolling land, through medium dense undergrowth.

20.30 Wash, 15 lks. wide, course N. 80° 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.

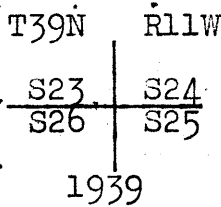
Continue over gently rolling land.

44.80 Wash, 10 lks. wide, course N. 60° E.

46.00 Shallow draw, course E., 1.00 ch. to junction with above wash; ascend gradually.

65.00 Low, rolling spur, slopes N. 70° E.; descend gradually.

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



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, sagebrush, algerita, spanish dagger and a fair growth of native grass.

S. 89° 54' E., on a random line, bet. secs. 24 and 25.

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

80.04 Intersect E. bdy. of tp., 9 lks. S. of the cor. of secs. 19, 24, 25 and 30; established under Group 210, described in the field notes of the W. bdy. of T. 39 N., R. 10 W., as of record.

Thence

N. 89° 58' W., on true line, bet. secs. 24 and 25.

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

Chains.

- 18.84 Point of spur, slopes N.; descend 35 ft. over NW. slope.
 21.24 Ungraded road, bears NE. and SW.
 23.74 Wash, 20 lks. wide, course N, 60° E.; ascend 75 ft. over SE. slope.
 35.00 Spur, slopes N. 80° E.; descend 25 ft. over NW. slope.
 37.40 Draw, near head, course NE.; ascend 30 ft. over E. 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

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

1939

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

Ascend 30 ft. over E. slope.

- 46.00 Spur, slopes S. 20° E.; descend 60 ft. over SW. slope.
 51.60 Draw, course S. 20° E.; thence over gently rolling land.
 52.80 Ungraded road, bears N. 18° W. and S. 18° E.
 80.04 The cor. of secs. 23, 24, 25 and 26.

Land, rolling and gently rolling.

Soil, gravelly clay, 3rd. rate.

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

N. 0° 01' W., bet. secs. 23 and 24.

- 40.00 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 $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S23 \quad | \quad S24 \\ | \\ 1939 \end{array}$$

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

Continue over gently rolling land.

- 60.00 Ungraded road, bears N. 43° W. and S. 43° E. for approximately 8.00 chs. to junction with road bearing N. and S.

79.60 Draw, course NE.

- 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

Survey: Subdivision of T. 39 N., R. 11 W.

19

Chains.

T39N R11W

S14	S13
S23	S24

1939

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

Land, gently rolling.

Soil, gravelly clay, 3rd. rate.

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

S. 89° 58' E., on a random line, bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect E. bdy. of tp., 5 lks. S. of the cor. of secs. 13, 18, 19 and 24, established under Group 210, described in the field notes of W. bdy. of T. 39 N., R. 10 W., as of record.
Thence

West, on true line, bet. secs. 13 and 24.

Over heavily rolling land, through scattering undergrowth, ascend 103 ft. over NE. slope.

12.00 Spur, slopes SE.; descend 50 ft. over W. slope.

21.40 Draw, course S. 60 lks. to junction of draw, course SE.; continue over rolling land.

22.00 Draw, course SE.; ascend 65 ft. over NE. slope.

26.80 Ridge, bears N. and S.; descend 125 ft. over W. slope.

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

¼	S13
	S24

1939

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

Descend 15 ft. over W. slope.

43.00 Draw, course N. 15° W.; over rolling land.

50.30 Draw, course N. 30° E.; ascend 40 ft. over broken E. slope.

71.50 Spur, slopes N.; descend 75 ft. over W. slope.

76.34 Ungraded road, bears N. 10° E., and S.

79.54 Draw, course NE.; ascend gradually.

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

Land, heavily rolling.

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

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

Chains.

N. 0° 01' W., bet. secs. 13 and 14.

Over rolling land, through scattering undergrowth; descend gradually.

18.00 Draw, course SE.; ascend 21 ft. over S. slope.

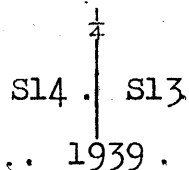
18.40 Ungraded road, bears N. 62° W. and S. 15° E.

28.00 Spur, slopes E.; descend gradually over NW. slope.

35.50 Draw, course NE.; along broken E. slope.

39.00 Same road, bears N. 5° E. and S. 10° 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, 2½ ft. base, 2½ ft. high, W. of cor.

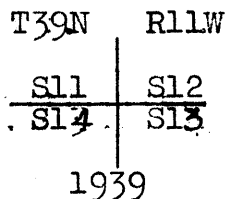
Descend gradually.

42.20 Draw, course N. 70° E.

61.60 Draw, course S. 60° E.; ascend 25 ft. over SW. slope.

75.00 Spur, slopes E., thence along E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 11, 12, 13 and 14, 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, algerita and a fair growth of native grass.

East, on a random line, bet. secs. 12 and 13.

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

80.08 Intersect E. bdy. of tp., 12 lks. S. of the cor. of secs. 7, 12, 13 and 18, established under Group 210, described in the field notes of the W. bdy. of T. 39 N., R. 10 W., as of record.

Thence

Chains.

S. 89° 55' W., on true line, bet. secs. 12 and 13.

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

- 3:50 Ungraded road, bears N. 35° E. and S. 35° W.
- 5:10 Draw, course NE.; ascend 50 ft. over NE. slope.
- 29:68 Draw, near head, course N. 60° E.; continue ascent 60 ft. over broken E. slope.
- 34:00 Spur, slopes N.; descend 50 ft. over NW. slope.
- 37:30 Head of draw, course N.; ascend gradually.
- 40:04 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, with a granite stone 3x2x2 ins., marked X deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{l} S12 \\ S13 \end{array}$$

1939

Ascend gradually.

- 40:50 Spur, slopes N. 30° W.; descend 55 ft. over broken W. slope.
- 50:00 Head of draw, course SW.; over rolling land.
- 61:60 Draw, course NW.; ascend 50 ft. over E. slope.
- 69:40 Ungraded road, bears N. 11° E. and S. 11° W.
- 80:08 The cor. of secs. 11, 12, 13 and 14.

Land, heavily rolling.

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

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

N. 0° 01' W., bet. secs. 11 and 12.

Along broken E. slope, through scattering undergrowth.

- 13:00 Ascend 33 ft. over SE. slope.
- 19:00 Spur, slopes NE.; descend 80 ft. over NW. slope.
- 28:00 Draw, course NE.; over rolling land.
- 38:90 Wash, 20 lks. wide, course S. 60° E., from S. 60° W.
- 40:00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, with a limestone 3x4x3 ins., marked X deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$S11 \quad \begin{array}{c} \frac{1}{4} \\ | \\ S12 \end{array}$$

1939

Survey: Subdivision of T. 39 N., R. 11 W.

22

Chains.

Ascend 17 ft. over gradual S. slope.

60.00 Low spur, slopes E.; descend 60 ft. over NE. slope.

68.90 Wash, 50 lks. wide, course S. 85° E., from N. 60° W.; ascend 144 ft. over SW. slope.

80.00 Set an iron post; 3 ft. long, 2 ins. diam.; 16 ins. in the ground, to bedrock, with limestone 6x4x2 ins. deposited at base and in a mound of stone to top, for the cor. of secs. 1, 2, 11 and 12, with brass cap marked

T39N R11W

S2	S1
S11	S12

1939

Land, rolling and heavily rolling.

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

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

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

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

80.14 Intersect E. bdy. of tp., 5 lks. S. of the cor. of secs. 1, 6, 7 and 12; established under Group 210, described in the field notes of the W. bdy. of T. 39 N., R. 10 W., as of record.

Thence

S. 89° 53' W., on true line, bet. secs. 1 and 12.

Over heavily rolling land, through scattering undergrowth; ascend 192 ft. over NE. slope.

16.64 Ridge, bears NW. and SE.; descend 233 ft. over SW. slope.

40.07 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
$$\frac{1}{4} \frac{S1}{S12}$$

1939

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

Descend 14 ft. over W. slope.

46.50 Draw, course S. 30° W.; ascend 51 ft. over SE. slope.

58.14 Spur, slopes S. 35° W., descend 119 ft. over NW. slope.

63.74 Wash, 40 lks. wide, course N. 10° E.; ascend 176 ft. over SE. slope. *from S and S 60° W.*

66.34 Ungraded road, bears N. and S.

77.50 Top of ascent, bears NW. and SE.; over rolling top.

Chains.

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

Land, heavily rolling.

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

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

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

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

73.76 Intersect N. bdy. of tp., 14 lks. W. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.

Thence

S. $0^{\circ} 06'$ W., on true line, bet. secs. 1 and 2.

Over heavily rolling land, through scattering undergrowth; ascend 43 ft. over NE. slope.

5.76 Spur, slopes S. 50° W.; descend 61 ft. over SE. slope.

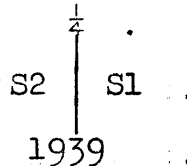
20.76 Wash, 100 lks. wide, course NW.; ascend 61 ft. over NW. slope.

21.00 Road, bears NW. and SE.

26.90 Point of spur, slopes W.; descend 10 ft. over SW. slope.

27.60 Wash, 20 lks. wide, course NW.; ascend 61 ft. over NW. slope.

33.76 Set an iron post, 3 ft. long, 1 in. diam., 14 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



Cor. is on top of spur, slopes E.; descend 16 ft. over SE. slope.

40.06 Wash, 6 lks. wide, course N. 30° E.; ascend 165 ft. over NW. slope.

49.56 Ridge, bears N. 60° E. and S.; thence along top of ridge, descend 50 ft. to

58.80 Saddle in ridge, bears E. and W.; ascend 81 ft. over top of ridge.

73.70 Leave ridge, bears W., from N.; over rolling top.

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

Land, heavily rolling.

Soil, rocky clay, 4th. rate.

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

Chains.	<p>From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of tp., hereinbefore described.</p> <p>N. 0° 01' W., bet. secs. 34 and 35.</p> <p>Over mountainous land, through scattering timber and undergrowth; descend gradually.</p> <p>4.90 Top of cliffs, bears N. 50° E. and S. 50° W.; descend 113 ft. over steep, rocky NW. slope.</p> <p>7.50 Canyon, course N. 60° E.; ascend 123 ft. over cliffs, on rocky SE. slope.</p> <p>21.00 Spur, slopes N. 70° E.; descend 144 ft. over NW. slope.</p> <p>26.60 Ravine, course N. 60° E.; ascend 95 ft. over rocky SE. slope.</p> <p>30.00 Spur, slopes E.; descend 72 ft. over broken N. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> </div> <p style="text-align: right;">from which</p> <p>A juniper, 10 ins. diam., bears S. 19$\frac{1}{2}$° E., 107 lks. dist., marked $\frac{1}{4}$ S 35 B T.</p> <p>A juniper, 18 ins. diam., bears N. 64$\frac{1}{2}$° W., 219 lks. dist., marked $\frac{1}{4}$ S 34 B T.</p> <p>Descend gradually.</p> <p>40.10 Draw, course E.; ascend 10 ft. over S. slope.</p> <p>44.00 Spur, slopes E.; descend 100 ft. over broken N. slope.</p> <p>55.60 Wash, 10 lks. wide, course E.; ascend 16 ft. over S. slope.</p> <p>64.00 Spur, slopes E.; descend 36 ft. over N. slope.</p> <p>70.70 Wash, 10 lks. wide, course E.; ascend gradually.</p> <p>80.00 Low saddle in spur, slopes N. 80° E.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 26, 27, 34 and 35, with brass cap marked</p> <div style="text-align: center;"> </div> <p style="text-align: right;">from which</p> <p>A juniper, 24 ins. diam., bears S. 56$\frac{1}{4}$° W., 368 lks. dist., marked T 39 N R 11 W S 34 B T.</p>
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Chains.

No other bearing trees available.

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

Land, mountainous.

Soil, rocky clay, 4th. rate.

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

S. $89^{\circ} 56'$ E., on a random line, bet. secs. 26 and 35.

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

80.01 Intersect N. and S. line at the cor. of secs. 25, 26, 35 and 36.

Thence

N. $89^{\circ} 56'$ W., on true line, bet. secs. 26 and 35.

Over rolling land, through scattering undergrowth.

33.00 Spur, slopes NE.; descend 17 ft. over NW. slope; enter scattering timber, bears NE. and SW.

39.20 Wash, 10 lks. wide, course NE.; ascend gradually.

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

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

1939

from which

A juniper, 20 ins. diam., bears N. $81\frac{3}{4}^{\circ}$ E., 168 lks. dist., marked $\frac{1}{4}$ S 26 B T.

A juniper, 16 ins. diam., bears S. $64\frac{1}{4}^{\circ}$ E., 124 lks. dist., marked $\frac{1}{4}$ S 35 B T.

Descend gradually.

42.20 Wash, 10 lks. wide, course NE.; over rolling land.

46.40 Wash, 10 lks. wide, course N. 60° E.; ascend 52 ft.

62.10 Shallow draw, course NE.; continue ascent 86 ft. over SE. slope.

74.00 Spur, slopes N. 80° E., from W.; descend 6 ft. along spur.

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

Land, rolling.

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

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

BOOK 4277

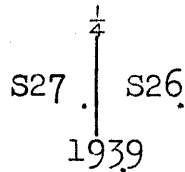
Survey: Subdivision of T. 39 N., R. 11 W.

26

Chains.

N. $0^{\circ} 01'$ W., bet. secs. 26 and 27.

Over heavily rolling land, through very scattering timber, and low undergrowth; descend 46 ft. over NE. slope.

20.00 Draw, course S. 60° E.; ascend 131 ft. over SW. slope.31.00 Flat top spur, slopes S. 60° E. for 10.00 chs., thence N. 60° E.; descend 129 ft. over N. 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

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

Descend gradually over N. slope.

42.30 Draw, course S. 80° E.; ascend 115 ft. over SW. slope.

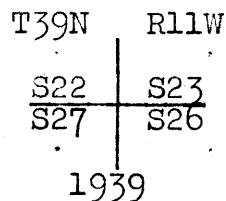
46.77 Rim rock, bears E. and W.; descend 23 ft. over gradual NW. slope; over rolling mesa.

57.00 Descend 75 ft. over N. slope.

62.30 Wash, 10 lks. wide, in canyon, course E.; ascend 41 ft. over S. slope.

74.50 Top of flat spur, slopes E.; descend 17 ft. over gradual NE. slope.

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



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

Land, heavily rolling.

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

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

S. $89^{\circ} 56'$ E., on a random line, bet. secs. 23 and 26.40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.04 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence

West, on true line, bet. secs. 23 and 26.

Survey: Subdivision of T. 39 N., R. 11 W.

27

Chains.

Ascend 135 ft. over rolling NE. slope.

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

$$\frac{1}{4} \frac{S23}{S26}$$

1939

Ascend 50 ft. over gradual NE. slope.

- 57.04 Foot of steep ascent, ascend 121 ft. over steep NE. slope.
 61.44 Top of rimrock, bears N. 30° W. and S. 30° E., top of spur, slopes N. 30° W.; descend 38 ft. over W. slope.
 75.00 Head of wash, course NW.; ascend 6 ft. over NE. slope.
 80.04 The cor. of secs. 22, 23, 26 and 27.

Land, rolling.

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

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

N. 0° 01' W., bet. secs. 22 and 23.

Over rolling land, through very scattering timber, and scattering undergrowth; descend 36 ft. over NE. slope.

- 17.50 Bend in wash, 20 lks. wide, course N. 20° E. from S. 20° E.; descend gradually.
 23.00 Same wash, 20 lks. wide, course N. 20° W.; descend 27 ft. over NW. slope, along E. side of wash.
 32.00 Same wash, 1.00 ch. W. of line, course NW. for 3.00 chs., thence N.; ascend gradually along W. slope.
 39.90 Draw, heads 6.00 chs. E., course W.; ascend 5 ft. over SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$S22 \quad \frac{1}{4} \quad S23$$

1939

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

Ascend 62 ft. over SW. slope.

- 52.00 Short spur, slopes W.; descend 71 ft. over N. slope.
 58.00 Slope changes to NW.; descend 70 ft.
 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

Chains.

the cor. of secs. 14, 15, 22 and 23, with brass cap marked.

T39N	R11W
<u>S15</u>	<u>S14</u>
S22	S23
1939	

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

Land, rolling.

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

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

East, on a random line, bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

79.95 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence

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

Over rolling land, through scattering undergrowth; ascend
18.65 ^{87 ft.} Ungraded road, bears N. 25° W. and S. 25° E.

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

¼	<u>S14</u>
	S23

1939

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

Ascend 64 ft. over rolling NE. slope.

47.65 Point from which a conical knoll, 10 by 10 chs. at base and approximately 120 ft. high, bears N.

55.45 Ascend 121 ft. over steep NE. slope.

60.25 Rocky spur, slopes N. 30° W. Enter scattering timber. Same conical knoll, bears N. 68° E. Descend 109 ft. over NW. slope.

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

Land, rolling.

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

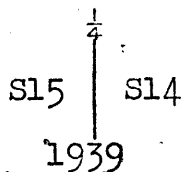
Timber, very scattering juniper; undergrowth, sagebrush, algerita, yucca and a good growth of native grass.

Chains.

N. 0° 01' W., bet. secs. 14 and 15.

Over rolling land, through very scattering timber and undergrowth; descend 6 ft. over gradual NW. slope.

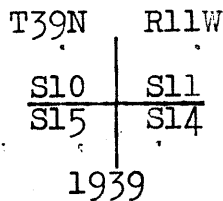
- 1.40 Wash, 10 lks. wide, course N. 20° E.; descend 6 ft.
- 11.15 Same wash, course N. 30° W.; descend 20 ft.
- 20.60 Same wash, course N. 60° E.; ascend 109 ft. over S. slope.
- 22.50 Ungraded road, bears E. and W.
- 29.20 Spur, slopes E.; descend 92 ft. over E. slope.
- 39.00 Draw, course E.; ascend gradually.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



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

Ascend 113 ft. over S. slope. Leave scattering timber, bears NW. and SE.

- 48.80 Spur, slopes E.; descend 99 ft. over N. slope.
- 55.00 Swale, course E.; ascend 84 ft. over SE. slope.
- 63.20 Spur, slopes NE., from ridge, bears N. and S. 30° W., thence descend 34 ft. along ridge.
- 70.00 Leave ridge, bears NE., from S.; descend 86 ft. over NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam.; 28 ins. in the ground, for the cor. of secs. 10, 11, 14 and 15, with brass cap marked



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

Land, rolling.
 Soil, gravelly and rocky clay, 3rd. and 4th. rate.
 Timber, very scattering juniper, S. half, N. half, none; undergrowth, algerita, sagebrush, cañti and a fair growth of native grass.

Chains.	
	N. 89° 59' E.; on a random line, bet. secs. 11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.89	Intersect N. and S. line, 3 lks. S. of the cor. of secs. 11, 12, 13 and 14:
	Thence
	S. 89° 58' W., on true line, bet. secs. 11 and 14.
	Over rolling land, through undergrowth; ascend 58 ft. over E. slope.
4.90	Top of spurs, sloping N., from W., and S.; thence along top of spur.
19.90	Leave spur, slopes N. 10° W., from S. 60° W.; descend 97 ft. over NW. slope.
32.70	Wash, 10 lks. wide, course N. 40° E.; ascend 71 ft. over SE. slope.
39.94 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S11 S14
	1939
	raise a mound
	of stone, 4 ft. base, 3 ft. high, N. of cor.
	Cor. is on top of short spur, slopes S.; descend 15 ft. over W. slope.
40.60	Draw, course S.; ascend 34 ft. over E. slope.
50.90	Short spur, slopes S.; descend 17 ft. over SW. slope.
64.44	Draw, course S. 50° E.; ascend 95 ft. over NE. slope.
72.90	Head of same draw, course N. 80° E.; ascend 15 ft. over E. slope.
75.90	Ridge, bears N. 20° E. and S. 20° W.; descend 73 ft. over NW. slope.
79.89	The cor. of secs. 10, 11, 14 and 15.
	Land, rolling. Soil, gravelly and rocky clay, 3rd. and 4th. rate. Timber, none; undergrowth, algerita, sagebrush, cacti and a fair growth of native grass.
	N. 0° 01' W.; bet. secs. 10 and 11.
	Over rolling land, through scattering undergrowth; descend 159 ft. over NW. slope.
17.60	Wash, 10 lks. wide, course N. 70° W. approximately 3.00 chs. to junction with wash from S., course N. 45° W.; ascend 60 ft. over SW. slope.

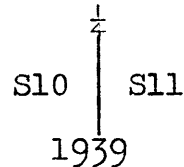
Survey: Subdivision of T. 39 N., R. 11 W.

31

Chains.

22.00 Short spur; slopes W.; descend 98 ft. over NW. slope.

30.00 Same wash, 10 lks. wide, course N. 10° E.; thence across flat:

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, 3 ft. high, W. of cor.

Descend 17 ft. over NE. slope.

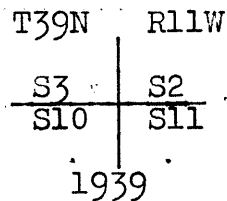
44.00 Same wash, course N. 40° W.; ascend 49 ft. over SW. slope.

56.00 Spur, slopes SW.; descend 81 ft. over NW. slope.

62.80 Foot of steep descent, bears NE. and SW.; descend 12 ft.

74.20 Same wash, course N. 40° E.; thence over nearly level land.

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



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

Land, rolling.

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

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

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

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

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

Thence

West, on true line, bet. secs. 2 and 11.

Over heavily rolling land, through scattering undergrowth; over top of ridge, bears N. and W.

9.90 Leave ridge, bears E. and SW.; descend 115 ft. over NW. slope.

18.20 Draw, course N.; ascend 169 ft. over NE. slope.

Chains.

35.20 Bend in ridge, bears S. 60° E. and S. 70° W.; thence over rolling top.

39.94½ Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S2}{S11}$$

1939

raise a mound of stone, 4 ft. base, 2½ ft. high, N. of cor.

Continue over rolling top, near top of ridge.

48.70 Descend 283 ft. over NW. slope.

75.90 Wash, 10 lks. wide, course NE.; thence over nearly level land.

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

Land, heavily rolling.

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

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

N. 0° 06' E., on a random line, bet. secs. 2 and 3.

40.00 Set temp. ¼ sec. cor.

73.75 Intersect N. bdy. of tp., 11 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.

Thence

S. 0° 01' W., on true line, bet. secs. 2 and 3.

Over heavily rolling land, through scattering timber and undergrowth; ascend gradually over E. and NE. slope.

3.15 Point of spur, slopes NE.; descend 136 ft. over SE. slope.

9.52 Draw, course N. 80° E.; ascend 43 ft. over N. slope.

13.95 Spur, slopes E.; descend steep SE. slope, 304 ft..

32.25 Wash, 5 lks. wide, course N. 60° E.; ascend gradually over general NW. slope.

33.75 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ½ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ S3 \quad | \quad S2 \\ 1939 \end{array}$$

1939

from which

Chains.

A juniper, 8 ins. diam., bears N. $33\frac{1}{2}^{\circ}$ E., 281 lks. dist., marked $\frac{1}{4}$ S. 2 B T.

A juniper, 6 ins. diam., bears S. $72\frac{3}{4}^{\circ}$ W., 236 lks. dist., marked $\frac{1}{4}$ S 3 B T.

Ascend 45 ft. over N. slope.

35.75 Leave scattering timber, bears NE. and SW.

41.75 Low spur, slopes E.; descend 27 ft. over S. slope.

46.55 Wash, 90 lks. wide, course E.; ascend 12 ft. over gently rolling land.

65.55 Point from which dirt tank and dam bears E., approximately 6 chs. dist.

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

Land, heavily rolling.

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

Timber, $S\frac{1}{2}$ mile, none, N. half, scattering juniper.

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

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of tp., hereinbefore described.

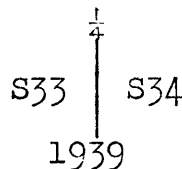
N. $0^{\circ} 02'$ W., bet. secs. 33 and 34.

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

28.00 Enter valley of Main Street Wash, bears N. 30° W. and S. 30° E.; continue over rolling valley land.

37.60 Ungraded road, bears N. 11° W. and S. 11° E.

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



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

Continue over gently rolling valley.

60.60 Same road, 1.00 ch. W. of line, bears S. $7\frac{1}{2}^{\circ}$ W. and N. 28° W.

73.00 Main Street Wash, 20 lks. wide, course N. 30° W.; continue over valley, road in wash.

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

Chains.

T39N R11W

S28	S27
S33	S34

1939

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

Land, gently rolling.

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

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

S. $89^{\circ} 56'$ E., on a random line, bet. secs. 27 and 34.40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.03 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence

N. $89^{\circ} 53'$ W., on true line, bet. secs. 27 and 34.

Over mountainous land, through scattering timber and undergrowth; ascend 70 ft. over broken E. slope, from saddle in spur.

4.80 Spur, slopes N. 80° E.; thence along N. slope.

7.50 Short canyon, course NE.; ascend 165 ft. over SE. slope.

25.80 Spur, slopes NE.; descend 165 ft. over NW. slope.

31.95 Gulch, course NE.; ascend 105 ft. over general E. slope.

40.01 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1939

from which

A juniper, 8 ins. diam., bears S. 10° E., 27 lks.
dist., marked $\frac{1}{4}$ S 34 B T.

A juniper, 6 ins. diam., bears N. 15° W., 59 lks.
dist., marked $\frac{1}{4}$ S 27 B T.

Ascend 30 ft. over E. slope.

42.70 Ridge, bears N. and S.; old road, on top of ridge, bears N. 5° E. and S. 5° W.; descend 350 ft. over W. slope.

66.00 Leave scattering timber, bears N. and S.

76.00 Enter valley, bears N. 15° W. and S. 15° E.; continue descent gradually over rolling valley.

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

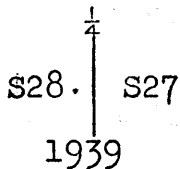
Chains.

Land, mountainous.
Soil, rocky clay, 4th. rate.
Timber, scattering juniper and pinon pine; undergrowth, sagebrush, algerita and a fair growth of native grass.

N. 0° 02' W., bet. secs. 27 and 28.

Over gently rolling land, through scattering undergrowth.

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

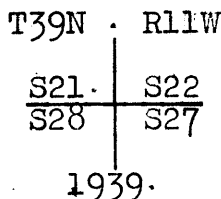


Continue over rolling valley.

44.60 Draw, course W.; continue over rolling valley.

76.00 Leave valley, bears N. 20° W. and S. 20° E.; ascend 30 ft. over SW. slope.

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



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

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

S. 89° 53' E., on a random line, bet. secs. 22 and 27.

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence

N. 89° 52' W., on true line, bet. secs. 22 and 27.

Over mountainous land, through scattering timber and undergrowth; ascend 176 ft. over gradual NE. slope.

18.54 Base of hill, bears N. 25° W. and S. 25° E.; continue ascent 126 ft. over NE. slope.

Chains.

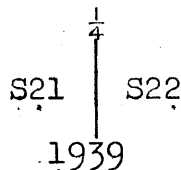
- 31.34 Spur, slopes SE.; descend gradually over SW. slope.
- 36.14 Draw, course S. 60° E.; ascend 19 ft. over SE. slope.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4} \frac{S22}{S27}$
- 1939
- from which
- A juniper, 6 ins. diam., bears S. 61° W., 44 lks. dist., marked $\frac{1}{4}$ S 27 B T.
- A juniper, 4 ins. diam., bears N. 76° W., 88 lks. dist., marked $\frac{1}{4}$ S 22 B T.
- Ascend 52 ft. over SE. slope.
- 49.00 Spur, slopes NE.; descend 7 ft. over NW. slope.
- 53.54 Draw, course NE.; ascend 34 ft. over SE. slope.
- 57.44 Short spur, slopes N.; descend 20 ft. over W. slope.
- 60.14 Draw, course N.; ascend 20 ft. over E. slope.
- 63.74 Ridge, bears N. 10° W. and S. 10° E.; dim, ungraded road, bears N. 10° W. and S. 10° E.; descend 267 ft. over rocky, broken SW. slope.
- 71.74 Top of cliff, 20 ft. high, bears N. and S.; continue descent.
- 80.04 The cor. of secs. 21, 22, 27 and 28.
- Land, mountainous.
Soil, gravelly and rocky, clay, 3rd. and 4th. rate.
Timber, juniper; undergrowth, sagebrush, algerita, cacti and a fair growth of native grass.
-
- N. 0° 02' W., bet. secs. 21 and 22.
- Over mountainous land, through scattering timber and undergrowth; ascend 128 ft. over rocky SW. slope.
- 18.00 Short spur, slopes N. 60° W.; descend 34 ft. over NE. slope.
- 20.20 Gulch, course N. 70° W.; ascend 195 ft. over SW. slope.
- 39.50 Ridge, bears N. 20° W. and S. 20° E., over rolling top.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked.

L 500 427

Survey: Subdivision of T. 39 N., R. 11 W.

37

Chains.



from which

A juniper, 6 ins. diam., bears N. $26\frac{3}{4}^{\circ}$ E., 62 lks. dist., marked $\frac{1}{4}$ S 22 B T.

No other bearing tree available.

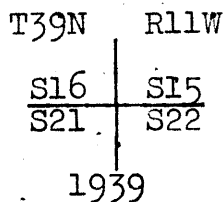
Thence along E. slope.

46.00 Spur, slopes NE.; descend 130 ft. over NW. slope.

57.90 Head of draw, course N. 30° E.; continue descent 120 ft. over broken NW. slope.

76.30 Gulch, course N. 75° E.; ascend 45 ft. over SE. slope.

80.00 Set an iron post; 3 ft. long, 2 ins. diam., 6 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



from which

A juniper, 14 ins. diam., bears N. 74° E., 75 lks. dist., marked T 39 N R 11 W S 15 B T.

A juniper, 3 ins. diam., bears S. 26° W., 96 lks. dist., marked B T.

A juniper, 7 ins. diam., bears N. 79° W., 62 lks. dist., marked T 39 N R 11 W S 16 B T.

No SE. bearing tree available.

Land, mountainous.

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

Timber, scattering juniper and pinon pine; undergrowth, sagebrush, algerita; cacti, spanish dagger and a fair growth of native grass.

S. $89^{\circ} 52'$ E., on a random line, bet. secs. 15 and 22.

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

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

Thence

N. $89^{\circ} 54'$ W., on true line, bet. secs. 15 and 22.

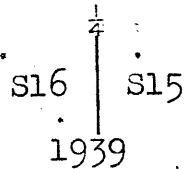
Chains.	
	Over heavily rolling land, through scattering timber; descend gradually over NW. slope.
0.03	Gulch, course N. 10° E.; thence along gradual N. slope.
10.45	Draw, course N. 30° E.; ascend 61 ft. over gently rolling SE. slope.
32.25	Base of hill, bears N. and S.; ascend 157 ft. over E. slope.
40.02 $\frac{1}{2}$	Set an iron post; 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S15}{S22}$
	1939
	from which
	A juniper, 12 ins. diam., bears N. 79° E., 278 lks. dist., marked $\frac{1}{4}$ S 15 B T.
	A juniper, 6 ins. diam., bears S. 44° E., 58 lks. dist., marked $\frac{1}{4}$ S 22 B T.
	Ascend 22 ft. over E. slope.
42.05	Spur, slopes N.; descend 60 ft. over W. slope.
44.00	Canyon, course NE.; ascend 135 ft. over SE. slope.
49.05	Spur, slopes N. 60° E.; descend 150 ft. over NW. slope.
70.00	Gulch, course N. 60° E.; ascend 107 ft. over SE. slope.
80.05	The cor. of secs. 15, 16, 21 and 22.
	Land, heavily rolling. Soil, rocky, 4th. rate. Timber, juniper and piñon pine; undergrowth, sagebrush, spanish dagger and cacti, with a good growth of native grass.
	N. 0° 02' W., bet. secs. 15 and 16.
	Over heavily rolling land, through scattering timber and undergrowth; along gradual E. slope.
6.50	Short spur, slopes E.; descend 22 ft. over NE. slope.
10.40	Draw, course SE.; ascend 20 ft. over general S. slope.
15.00	Ridge; bears E. and W.; descend 46 ft. over N. slope.
22.80	Gulch, course E. 1.50 chs. to junction with canyon.
24.90	Shallow canyon, course S. 60° E.; ascend 69 ft. over S. slope, through juniper thickets.
39.00	Spur, slopes NE.; enter heavy timber, bears NE. and SW.; thence over rolling top.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the

Survey: Subdivision of T. 39 N., R. 11 W.

39

Chains.

ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A juniper, 5 ins. diam., bears N. $53\frac{1}{4}^{\circ}$ E., 119 lks. dist., marked $\frac{1}{4}$ S 15 B T.

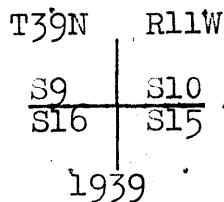
A juniper, 6 ins. diam., bears N. 62° W., 52 lks. dist., marked $\frac{1}{4}$ S 16 B T.

Descend 34 ft. over broken NW. slope, through heavy timber and scattering undergrowth.

58.20 Low spur, slopes N. 30° W.; descend 51 ft. over general N. slope.

70.60 Bottom of descent, bears E. and W.; ascend 20 ft. over gradual S. slope.

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



from which

A juniper, 14 ins. diam., bears N. $15\frac{3}{4}^{\circ}$ E., 91 lks. dist., marked T 39 N R 11 W S 10 B T.

A juniper, 10 ins. diam., bears S. 6° E., 228 lks. dist., marked T 39 N R 11 W S 15 B T.

A juniper limb, 10 ins. diam., bears S. 40° W., 168 lks. dist., marked T 39 N R 11 W S 16 B T.

A juniper, 24 ins. diam., bears N. $39\frac{1}{2}^{\circ}$ W., 228 lks. dist., marked T 39 N R 11 W S 9 B T.

Land, heavily rolling.
Soil, gravelly and rocky clay, 3rd. and 4th. rate.
Timber, juniper and pinon pine; undergrowth, sagebrush, cacti, algerita and a poor growth of native grass.

S. $89^{\circ} 54'$ E., on a random line, bet. secs. 10 and 15.

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

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

Thence

N. $89^{\circ} 53'$ W., on true line, bet. secs. 10 and 15.

Chains.	
	Over mountainous land, through scattering timber and undergrowth; descend 99 ft. over NW. slope.
5.33	Wash, 8 lks. wide, in bottom of ravine, course N.; ascend 118 ft. over NE. slope.
10.80	Spur, slopes N. 10° W.; descend 171 ft. over W. slope.
23.03	Wash, 60 lks. wide; course N.; ascend 22 ft. over E. slope.
25.12	Ungraded road, bears N. and S.
29.30	Base of steep ascent, bears N. and S.; ascend 250 ft. over steep E. slope.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S10}{S15}$
	1939
	from which
	A juniper, 12 ins. diam., bears N. 71° E., 71 lks. dist., marked $\frac{1}{4}$ S 10 B T.
	A juniper, 10 ins. diam., bears S. 26 $\frac{1}{4}$ ° E., 52 lks. dist., marked $\frac{1}{4}$ S 15 B T.
	Ascend 99 ft. over SE. slope.
51.30	Spur, slopes N. 5° E.; descend 27 ft. over NW. slope.
55.73	Wash, 15 lks. wide, course N. 15° E.; ascend 74 ft. over SE. slope.
80.08	The cor. of secs. 9, 10, 15 and 16.
	Land, mountainous. Soil, gravelly and rocky clay, 3rd. and 4th. rate. Timber, juniper and pinon pine; undergrowth, sagebrush, algerita, cacti, cliff rose and a fair growth of native grass.
	N. 0° 02' W., bet. secs. 9 and 10.
	Over rolling land, through medium heavy timber and scattering undergrowth; ascend 19 ft. over SE. slope.
2.70	Low spur, slopes N. 30° E.; descend 29 ft. over NW. slope.
6.00	Draw, course N. 20° E.; ascend 21 ft. over SE. slope.
16.00	Spur, near point, slopes E.; descend 54 ft. over NW. slope.
23.00	Draw, course N. 60° E.; ascend 54 ft. over SE. slope.
40.00	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

$\frac{1}{4}$
S9 | S10
1939

Chains.

from which

A juniper, 14 ins. diam., bears S. $37\frac{1}{2}^{\circ}$ E., 58 lks. dist., marked $\frac{1}{4}$ S 10 B T.

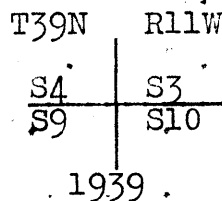
A juniper, 14 ins. diam., bears S. $57\frac{1}{2}^{\circ}$ W., 116 lks. dist., marked $\frac{1}{4}$ S 9 B T.

Ascend gradually over SE. slope.

41.70 Spur, slopes N. 30° E.; descend 170 ft. over NW. slope.

64.83 Draw, course N. 45° E.; ascend 62 ft. over SE. slope.

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



from which

A juniper, 8 ins. diam., bears N. 59° E., 164 lks. dist., marked T 39 N R 11 W S 3 B T.

A pinon pine, 14 ins. diam., bears S. $68\frac{1}{2}^{\circ}$ E., 153 lks. dist., marked T 39 N R 11 W S 10 B T.

A pinon pine, 12 ins. diam., bears S. 74° W., 192 lks. dist., marked T 39 N R 11 W S 9 B T.

A pinon pine, 14 ins. diam., bears N. $46\frac{1}{2}^{\circ}$ W., 75 lks. dist., marked T 39 N R 11 W S 4 B T.

Land, rolling and heavily rolling.

Soil, gravelly clay, 3rd. rate.

Timber, juniper and pinon pine; undergrowth, sagebrush, algerita, cacti and a fair growth of native grass.

S. $89^{\circ} 53'$ E., on a random line, bet. secs. 3 and 10.

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

80.09 Intersect N. and S. line, at the cor. of secs. 2, 3, 10 and 11.

Thence

N. $89^{\circ} 53'$ W., on true line, bet. secs. 3 and 10.

Over mountainous land, through scattering timber; ascend 301 ft. over general E. slope.

21.00 Top of steep ascent, bears N. and S.; enter heavy timber, bears N. and S.; continue ascent 161 ft. over E. slope.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains.

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

1939

from which

A juniper, 16 ins. diam., bears N. $57\frac{1}{4}^\circ$ E., 97 lks. dist., marked $\frac{1}{4}$ S 3 B T.

A juniper, 12 ins. diam., bears S. $81\frac{1}{2}^\circ$ W., 113 lks. dist., marked $\frac{1}{4}$ S 10 B T.

Ascend 29 ft. over SE. slope; over rolling land.

42.00 Spur, slopes N. 30° E.; descend 42 ft. over NW. slope.

56.00 Draw, course N.; ascend 57 ft. over E. slope.

59.50 Spur, slopes N. 10° W.; descend 111 ft. over W., NW. slope.

74.10 Ravine, course N. 20° E.; ascend 114 ft. over SE. slope.

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

Land, mountainous E. half, rolling, W. half.

Soil, rocky clay, 4th. rate.

Timber, juniper and pinon pine; undergrowth, sagebrush, algerita, cacti and a fair growth of native grass.

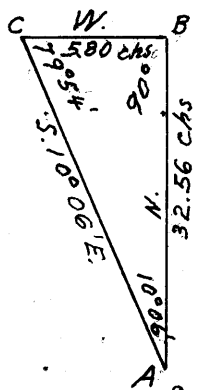
North, on a random line, bet. secs. 3 and 4.

9.16 To obtain measurement over cliffs along canyon, triangulate as follows:

Designate this station as "A" and set a flag ahead on line, designated as "B". From "B" lay off a base, W., 5.80 chs., the longest base possible to obtain, to station designated as "C", from which the flag at "A" bears S. $10^\circ 06'$ E.

Vertical angle "A" to "B" is 0., vertical angle from "A" to bottom of canyon is $631\frac{1}{2}^\circ$.

The included angles of "A-B-C" are $10^\circ 06'$, 90° and $79^\circ 54'$, the sum of which is 180° .



Dist. by chaining from cor. of secs. 3, 4, 9 and 10 to "A" =

9.16 chs.

Dist. by triangulation from "A" to "B" =

$\frac{32.56}{41.72}$ "

41.72 Flag at "B"

Chains.

By return measurement, 1.72 chs.

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

73.62 Intersect N. bdy. of tp., 11 lks. W. of the true point for the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence

S. $0^{\circ} 05'$ W., on true line, bet. secs. 3 and 4.

Over rolling land, through medium heavy timber, and scattering undergrowth; descend 17 ft. over SW. slope.

3.47 Rocky ravine, course S. 60° E.; ascend 92 ft. over NE. slope.

13.62 Spur, slopes S. 80° E.; descend 86 ft. over SW. slope.

21.12 Wash, 10 lks. wide, in bottom of ravine, course S. 60° E.; ascend 85 ft. over NE. slope.

31.90 Spur, slopes E. Flag at station "B" of triangulation; descend 8 ft. over S. slope.

33.62 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

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

from which

A juniper, 8 ins. diam.; bears N. $18\frac{3}{4}^{\circ}$ E., 139 lks. dist., marked $\frac{1}{4}$ S 3 B T.

A juniper, 17 ins. diam., bears S. $85\frac{3}{4}^{\circ}$ W., 89 lks. dist., marked $\frac{1}{4}$ S 4 B T.

Discontinue chaining, distance obtained by triangulation as described on random line.

34.62 (Approximately) Cliffy rim of canyon, bears N. 70° E. and W.; descend 200 ft. over S. slope.

40.60 (Approximately) Ravine, course SE. ; ascend 30 ft. over NE. slope.

44.60 (Approximately) Rocky point, slopes E.; descend 170 ft. over broken SE. slope.

61.90 (Approximately) Bottom of canyon, wash, 100 lks. wide, course N. 15° E.; from S. 80° W.; ascend 343 ft. over cliffs on precipitous N. slope.

64.46 Rim of canyon, bears S. 80° W. and N. 20° E. Flag at "A" of triangulation; resume chaining. Ascend 38 ft. over NW. slope.

67.62 Spur, slopes N. 50° E.; descend 23 ft. over SE. slope.

Chains.

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

Land, N. half rolling, S. half mountainous.
Soil, gravelly and rocky, 3rd. and 4th. rate.
Timber, juniper and pinon pine; undergrowth, sagebrush,
algerita, cliff rose and cacti. Fair growth of native
grass, N. half mile.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of
tp., hereinbefore described.

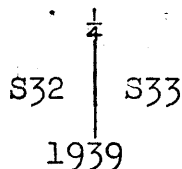
N. 0° 03' W.; bet. secs. 32 and 33.

Over rolling land, through scattering timber and dense un-
dergrowth; ascend 35 ft. over SW. slope.

7.50 Top of mesa, bears NW. and SE.; thence over rolling mesa.

34.80 Shallow drain. course NE.

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



from which

A juniper, 8 ins. diam., bears S. 76° E., 208 lks.
dist., marked $\frac{1}{4}$ S 33 B T.

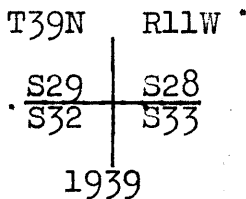
A juniper, 7 ins. diam., bears N. 67° W., 62 lks.
dist., marked $\frac{1}{4}$ S 32 B T.

Over rolling mesa.

42.00 Leave mesa, bears E. and W.; descend 23 ft. over rolling
N. slope.

76.00 Shallow draw, course N.; thence along draw.

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



from which

A juniper, 10 ins. diam., bears S. 84 $\frac{3}{4}$ ° E., 142 lks.
dist., marked T 39 N R 11 W S 33 B T.

No other bearing trees available.

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

Chains.

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

S. 89° 56' E., on a random line, bet. secs. 28 and 33.

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

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

Thence

N. 89° 52' W., on true line, bet. secs. 28 and 33.

Over rolling valley land, through scattering undergrowth.

3.50 Main Street Wash, 20 lks. wide, course N. 20° W.

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

33.50 Leave valley, bears N. and S., enter scattering timber,
bears N. and S.; ascend 155 ft. over E. slope.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground, to bedrock and in a mound of stone to top, for
 $\frac{1}{4}$ sec. cor., with brass cap marked

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

1939

from which

A juniper, 4 ins. diam., bears S. 67° W., 140 lks.
dist., marked $\frac{1}{4}$ S 33 B T.

A juniper, 3 ins. diam., bears N. 19° W., 42 lks.
dist., marked $\frac{1}{4}$ S 28 B T.

Ascend gradually.

40.20 Spur, slopes NE.; descend 30 ft. over NW. slope.

43.40 Gulch, course NE.; ascend 50 ft. over SE. slope.

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

54.10 Gulch, course NE.; ascend 120 ft. over SE. slope.

74.50 Spur, slopes N. 80° E.; descend 45 ft. over W. slope.

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

Land, rolling valley and rolling.
Soil; gravelly clay, 2nd. and 3rd. rate.
Timber, juniper; undergrowth, sagebrush, spanish dagger,
cacti and a fair growth of native grass.

Chains.

N. 0° 03' W., bet. secs. 28 and 29.

Over rolling land, through scattering timber and dense undergrowth, along draw, course N.

1.70 Leave draw, course NE.; ascend 27 ft. over SE. slope.

7.60 Spur, slopes NE.; descend 35 ft. over NW. slope.

14.80 Gulch, course NE.; ascend 30 ft. over SE. slope.

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

24.00 Gulch, course E.; ascend 50 ft. over S. slope.

28.50 Spur, slopes N. 60° E., descend 50 ft. over N. slope.

36.60 Draw, course NE.; ascend 30 ft. over S. slope.

40.00 Short spur, slopes E.

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

S29		S28
	1939	

Thence along E. slope.

47.60 Spur, slopes E.; descend 90 ft. over N. slope.

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

56.90 Gulch, course E.; ascend 150 ft. over S. slope.

64.80 Spur, slopes E.; descend 70 ft. over NE. slope.

70.00 Gulch, course E.; ascend 60 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 20, 21, 28 and 29, with brass cap marked

T39N		R11W
S20		S21
S29		S28
	1939	

from which

A juniper, 8 ins. diam., bears S. 18 $\frac{1}{2}$ ° E., 330 lks. dist., marked T 39 N R 11 W S 28 B.T.

Land, heavily rolling.

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

Timber, juniper and pinon pine; undergrowth, sagebrush, algerita, spanish dagger and a fair growth of native grass.

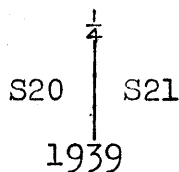
Survey: Subdivision of T. 39 N., R 11 W.

47

Chains.	
	S. 89° 52' E., on a random line, bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 21, 22, 27 and 28.
	Thence
	N. 89° 56' W.; on true line, bet. secs. 21 and 28.
	Over heavily rolling land, through scattering timber and undergrowth; descend 68 ft. over SW. slope.
1.60	Enter rolling valley, bears N. 30° W. and S. 30° E. ; descend 30 ft. over gradual W. slope.
22.22	Three strand barbed wire fence, bears N. 20° E. for 10. chs. and S. 20° W. for 4.00 chs.
25.42	Center of Main Street Wash, 20 lks. wide, course N.; earth dam and reservoir, bears N., 6.00 chs. dist.
26.52	Three strand barbed wire fence, bears N. 8.00 chs., and S. 4.00 chs. Ascend 50 ft. over E. slope.
26.62	Ungraded road, bears N. and S.
29.00	Low spur, slopes N.; descend 15 ft. over W. slope.
38.62	Dim, ungraded road, bears N. and S.
39.62	Draw, course N.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S21}{S28}$
	1939
	raise a mound
	of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
	Ascend 45 ft. over E. slope.
67.62	Leave valley, bears N. and S.; ascend 100 ft. over E. slope.
80.12	The cor. of secs. 20, 21, 28 and 29.
	Land, valley and heavily rolling. Soil, gravelly clay, 2nd. and 3rd. rate. Timber, scattering juniper and pinon pine; undergrowth, sagebrush, algerita, spanish dagger and a good growth of native grass.
	N. 0° 03' W., bet. secs. 20 and 21.
	Over heavily rolling land, through scattering timber and undergrowth; ascend gradually.

Chains.

- 1.50 Spur, slopes NE.; descend 125 ft. over NW. slope.
 15.20 Gulch, course NE.; ascend 105 ft. over SE. slope.
 22.30 Short spur, slopes E.; descend 80 ft. over NE. slope.
 35.00 Foot of steep descent, bears N. 30° W. and S. 30° E.; descend gradually over NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

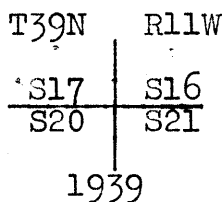
A juniper, 10 ins. diam., bears N. 76 $\frac{1}{2}$ ° E., 149 lks. dist., marked $\frac{1}{4}$ S 21 B T.

A juniper, 6 ins. diam., bears S. 23° W., 175 lks. dist., marked $\frac{1}{4}$ S 20 B T.

Descend 75 ft. over rolling NE. slope.

Draw, course NE.

- 65.00/ Leave scattering timber, 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. 16, 17, 20 and 21, with brass cap marked



raise a mound

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

Land, rolling.

Soil, gravelly clay, 3rd. rate.

Timber, juniper; undergrowth, sagebrush, algerita, spanish dagger, cacti and a fair growth of native grass.

S. 89° 56' E., on a random line, bet. secs. 16 and 21.

- 40.00 Set temp: $\frac{1}{4}$ sec. cor.
 80.20 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence

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

Over mountainous land, through scattering timber and undergrowth; ascend 54 ft. over SE. slope.

- 6.20 Spur, slopes NE.; descend gradually over NW. slope.

Chains.

12.30 Head of draw, course NE.; ascend 105 ft. over NE. slope.

28.00 Ridge, bears NW. and SE.; descend 85 ft. over rocky SW. slope.

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

$\frac{1}{4}$ $\frac{S16}{321}$

1939

from which

A pinon pine, 4 ins. diam., bears S. $61\frac{1}{2}^{\circ}$ E., 38 lks. dist., marked $\frac{1}{4}$ S 21 B T.

A juniper, 15 ins. diam., bears N. $1\frac{1}{2}^{\circ}$ W., 75 lks. dist., marked $\frac{1}{4}$ S 16 B T.

Descend 317 ft. over rocky SW. slope:

58.20 Enter rolling valley, bears N. 30° W. and S. 30° E.

64.50 Main Street Wash, 25 lks. wide, course N. 30° W.; ascend gradually over NE. slope.

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

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

Land, mountainous and rolling.
Soil, gravelly and rocky clay, 2nd. 3rd. and 4th. rate.
Timber, juniper and pinon pine; undergrowth, sagebrush, spanish dagger, algerita, cacti and a fair growth of native grass.

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

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

5.00 Enter rolling valley, bears NW. and SE.

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

24.20 Main Street Wash, 25 lks. wide, course N. 30° W.; continue over rolling valley.

30.50 Leave valley, course N. 30° W. and S. 30° E.; ascend 150 ft. over SW. slope. Enter scattering timber, bears NW. and SE.

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

S17 | S16

1939

Chains.

from which

A juniper, 10 ins. diam., bears S. $3\frac{3}{4}^{\circ}$ E., 80 lks. dist., marked $\frac{1}{4}$ S 16 B T.

A juniper, 8 ins. diam., bears N. $44\frac{1}{2}^{\circ}$ W., 90 lks. dist., marked $\frac{1}{4}$ S 17 B T.

Ascend 188 ft. over SW. slope.

55.50 Short spur, slopes W.; descend 40 ft. over N. slope.

57.80 Head of gulch, course W.; ascend 40 ft. over SW. slope.

63.70 Spur, slopes NW.; descend 300 ft. over steep N. slope.

74.60 Cut bank wash, in canyon, 60 lks. wide, banks 30 ft. high, course N. 60° E.; Mouth of Main Street Wash, empties into canyon S. 60° W., approximately 10 chs. dist.; over rolling valley.

79.10 Leave valley, bears NE. and SW.; ascend 26 ft. over rocky, broken S. slope.

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

T39N R11W

S8	S9
S17	S16

1939

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

Land, rolling and mountainous.

Soil, gravelly and rocky clay, 2nd. and 4th. rate.

Timber, juniper and pinon pine; undergrowth, sagebrush, cacti, Spanish dagger, algerita and a fair growth of native grass in valley.

S. $89^{\circ} 55'$ E., on a random line, bet. secs. 9 and 16.

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

80.20 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence

N: $89^{\circ} 58'$ W., on true line. bet. secs. 9 and 16.

Over mountainous land, through scattering timber and undergrowth; ascend 35 ft. over SE. slope.

8.70 Spur, slopes NE.; descend 300 ft. over NW. slope.

28.00 Gulch, course W., from SE.; thence along gulch.

31.70 Leave gulch, course NW.; over rolling land.

33.90 Short gulch, course N.; ascend 80 ft. over cliffy, rocky

Chains.	
	E. slope.
35.80	Point of rocky spur, slopes N.; descend 140 ft. over cliffs on W. slope.
40.10	True point for $\frac{1}{4}$ sec. cor. falls on insecure ground, on cliff, 40 ft. high.
41.20	Rocky gulch, course NE.; ascend 165 ft. over precipitous SE. slope.
45.30	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S9}{S16} WC$
	1939
	from which
	A juniper, 18 ins. diam., bears S. $12\frac{1}{2}^{\circ}$ W., 139 lks. dist., marked W C $\frac{1}{4}$ S 16 B T.
	A juniper, 10 ins. diam., bears N. $54\frac{3}{4}^{\circ}$ W., 94 lks. dist., marked W C $\frac{1}{4}$ S 9 B T.
	Ascend gradually; over SE. slope.
47.20	Spur, slopes N. 30° E.; descend 280 ft. over rocky, broken NW. slope.
64.40	Cut bank wash, in canyon, 70 lks. wide, banks 16 ft. high, course N. 60° E.; ascend 150 ft. over broken, rocky SE. slope.
76.00	Point of rocky spur, slopes S.; descend 60 ft. over rocky, broken S. slope.
80.20	The cor. of secs. 8, 9, 16 and 17.
	Land, mountainous. Soil, rocky clay, 4th. rate. Timber, juniper and pinon pine; undergrowth, sagebrush, spanish dagger, cacti and a fair growth of native grass.
	N. $0^{\circ} 03'$ W., bet. secs. 8 and 9.
	Over mountainous land, through scattering timber and undergrowth; ascend 300 ft. over rocky, cliffy SW. slope.
8.40	Spur, slopes SE.; descend 65 ft. over NE. slope.
17.60	Gulch, course E.; ascend 25 ft. over S. slope.
19.50	Spur, slopes E.; descend 50 ft. over NE. slope.
25.40	Gulch, course S. 60° E.; ascend 35 ft. over S. slope.
30.00	Spur, slopes E.; descend 20 ft. over NE. slope.
38.00	Draw, course SE.; ascend 15 ft. over SW. slope.

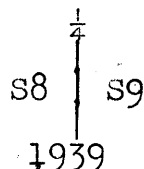
BOOK 4277

Survey: Subdivision of T. 39 N., R. 11 W.

52

Chains.

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

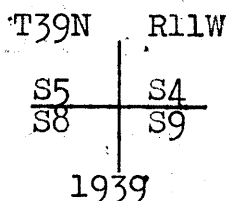


from which

A juniper, 10 ins. diam., bears N. 58° E., 200 lks. dist., marked $\frac{1}{4}$ S 9 B T.

A juniper, 18 ins. diam., bears S. $36\frac{1}{2}^\circ$ W., 233 lks. dist., marked $\frac{1}{4}$ S 8 B T.

- 43.50 Spur, slopes S. 70° E.; descend 70 ft. over N. slope.
- 47.30 Gulch, course E.; ascend 84 ft. over broken SE. slope.
- 58.40 Gulch, near head, course S. 30° E.; ascend 330 ft. over SW. slope.
- 74.50 Top of yellow shale cliff, 12 ft. high, bears E. and W.; continue ascent over S. slope.
- 75.60 Spur, slopes SE.; continue ascent 75 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 4, 5, 8 and 9, with brass cap marked



from which

A juniper, 8 ins. diam., bears N. $81\frac{1}{4}^\circ$ E., 112 lks. dist., marked T 39 N R 11 W S 4 B T.

A juniper, 6 ins. diam., bears S. $10\frac{1}{4}^\circ$ E., 84 lks. dist., marked T 39 N R 11 W S 9 B T.

A juniper, 9 ins. diam., bears S. 19° W., 79 lks. dist., marked T 39 N R 11 W S 8 B T.

A juniper, 7 ins. diam., bears N. 58° W., 82 lks. dist., marked T 39 N R 11 W S 5 B T.

Land, mountainous.

Soil, rocky clay, 4th. rate.

Timber, juniper and pinon pine; undergrowth, sagebrush, cacti, Spanish dagger, algerita and a fair growth of native grass.

S. $89^\circ 58'$ E., on a random line, bet. secs. 4 and 9.

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

- 80.18 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 3, 4, 9 and 10.

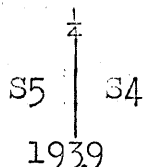
Chains.	
	Thence
	N. 89° 55' W., on true line, bet. secs. 4 and 9.
	Over mountainous land, through scattering timber and undergrowth; ascend 45 ft. over SE. slope.
6.00	Spur, slopes NE.; descend 350 ft. over NW. slope.
15.00	Top of rim of canyon, cliff 50 ft. high, bears NE. and SW.; continue descent over cliffs on NW. slope.
22.40	Canyon, wash 60 lks. wide in bottom, course NE.; ascend 240 ft. over cliffs on SE. slope.
28.70	Point of spur, slopes SW.; rim of canyon, bears NE. and SW.; descend 200 ft. over broken W. slope.
33.00	Short canyon, course S.; ascend 170 ft. over steep, cliffy E. slope.
36.70	Top of cliff, 80 ft. high, bears NE. and SW.; ascend 40 ft. over SE. slope.
40.09	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
	$\frac{1}{4} \frac{S4}{S9}$
	1939
	from which
	A juniper, 6 ins. diam., bears N. 31 $\frac{1}{2}$ ° E., 132 lks. dist., marked $\frac{1}{4}$ S 4 B T.
	A juniper, 5 ins. diam., bears S. 10° W., 84 lks. dist., marked $\frac{1}{4}$ S 9 B T.
	Ascend 530 ft. over broken SE. slope.
48.20	Trail, bears NE. and SW.
80.18	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous. Soil, rocky clay, 4th. rate. Timber, juniper and pinon pine; undergrowth, sagebrush, algerita, cacti and a fair growth of native grass.
	N. 0° 04' E., on a random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
73.44	Intersect N. bdy. of tp., 2 lks. E. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
	Thence
	South, on true line, bet. secs. 4 and 5.
	Over heavily rolling land, through heavy timber and scattering undergrowth; descend gradually.

Chains.

1.00 Draw, course SW.; ascend 120 ft. over NW. slope.

14.14 Short spur, slopes W.; thence along W. slope.

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



from which

A juniper, 8 ins. diam., bears S. $31\frac{1}{2}^{\circ}$ E., 47 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A juniper, 9 ins. diam., bears S. 30° W., 42 lks. dist., marked $\frac{1}{4}$ S 5 B T.

Continue along W. slope.

45.94 Ridge, bears NE. and SW.; descend 210 ft. over broken SE. slope.

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

Land, heavily rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinon pine; undergrowth, sagebrush, cacti, algerita, Spanish dagger, with a very poor growth of native grass.

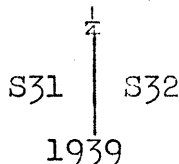
From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of tp., hereinbefore described.

N. $0^{\circ} 03'$ W., bet. secs. 31 and 32.

Ascend 50 ft. over SE. slope, through scattering timber and undergrowth.

9.00 Ridge, bears E. and W.; descend 31 ft. over rolling 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



from which

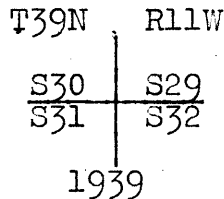
A juniper, 16 ins. diam., bears N. $31\frac{1}{2}^{\circ}$ E., 82 lks. dist., marked $\frac{1}{4}$ S 32 B T.

A juniper, 18 ins. diam., bears S. $59\frac{1}{4}^{\circ}$ W., 248 lks. dist., marked $\frac{1}{4}$ S 31 B T.

Ascend 43 ft. over rolling S. slope.

Chains.

- 66.00 Spur, slopes NE.; descend 108 ft. over NW. slope.
- 75.10 Wash, 8 lks. wide, in ravine, course N. 50° E.; ascend 61 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, with brass cap marked



from which

A juniper, 14 ins. diam., bears S. 61° W., 194 lks. dist., marked T 39 N R 11 W S 31 B T.

No other bearing trees available.

Land, heavily rolling.

Soil, rocky clay, 3rd. rate.

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

S. 89° 56' E., on a random line, bet. secs. 29 and 32.

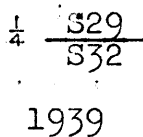
- 40.00 Set temp. 1/4 sec. cor.
- 79.92 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence

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

Over rolling land, through scattering timber and undergrowth; ascend 52 ft. over SE. slope.

- 6.00 Spur, slopes NE.; descend 75 ft. over NW. slope.
- 17.10 Gulch, course NE.; ascend 80 ft. over SE. slope.
- 22.00 Spur, slopes NE.; descend 45 ft. over NW. slope.
- 29.50 Draw, course NE.; ascend gradually over E. slope.
- 39.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

A juniper, 20 ins. diam., bears S. 19° W., 107 lks. dist., marked 1/4 S 32 B T.

A juniper, 12 ins. diam., bears N. 71 1/2° W., 435 lks. dist., marked 1/4 S 29 B T.

Chains.	
	Ascend 90 ft. over rolling E. slope.
57.00	Spur, slopes N. 50° E.; descend 63 ft. over NW. slope.
75.87	Wash, in ravine, 10 lks. wide, course N. 60° E.; ascend 71 ft. over SE. slope.
79.92	The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, gravelly clay, 3rd. rate. Timber, scattering juniper; undergrowth, sagebrush, algerita, cacti and a fair growth of native grass.
	N. 89° 56' W., on a random line, bet. secs. 30 and 31
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.20	Intersect W. bdy. of tp., 2 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. diam., 36 ins. above ground, in a mound of stone to top, marked and witnessed as described in the official record. Thence S. 89° 57' E., on true line, bet. secs. 30 and 31. Over rolling land, through scattering timber and undergrowth., descend 86 ft. over rolling SE. slope.
37.20	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \frac{S30}{S31}$ 1939 from which A juniper, 7 ins. diam., bears S. 7 $\frac{1}{4}$ ° W., 164 lks. dist., marked $\frac{1}{4}$ S 31 B T. A juniper, 17 ins. diam., bears N. 33 $\frac{1}{2}$ ° W., 183 lks. dist., marked $\frac{1}{4}$ S 30 B T. Descend 12 ft. over SE. slope.
38.70	Wash, 10 lks. wide, course N. 60° E.; ascend 53 ft. over NW. slope.
48.50	Spur, slopes E., from SW.; descend 17 ft. over top of spur.
70.20	Leave spur, slopes NE.; descend 45 ft. over SE. slope.
77.20	The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, gravelly clay, 3rd. rate. Timber, scattering juniper; undergrowth, sagebrush, cacti, algerita, cliff rose and a fair growth of native grass.

Chains.

N. 0° 03' W., bet. secs. 29 and 30.

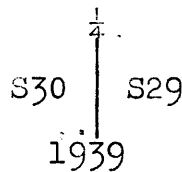
Over rolling land, through scattering timber and low undergrowth; ascend 22 ft. over SE. slope.

3.50 Spur, slopes N. 60° E.; descend 88 ft. over rolling NW. slope.

15.20 Wash, 15 lks. wide, course E.; mouth of draw, from N. 50° W.; ascend 51 ft. over S. slope.

34.70 Spur, slopes N., from W.; 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



A juniper, 4 ins. diam., bears N. 67 $\frac{1}{2}$ ° E., 172 lks. dist., marked B T.

A juniper, 5 ins. diam., bears N. 42 $\frac{1}{2}$ ° W., 402 lks. dist., marked $\frac{1}{4}$ S 30 B T.

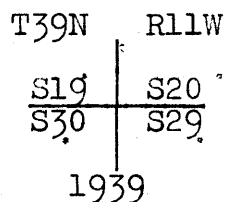
Descend 6 ft. along spur.

51.10 Spur, slopes N. 70° E., from main spur; descend 22 ft. over main spur.

65.00 Spur, slopes NE.; descend 93 ft. over NW. slope.

77.80 Wash, 10 lks. wide, in ravine, course E.; ascend 40 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 19, 20, 29 and 30, with brass cap marked



from which

A juniper, 12 ins. diam., bears N. 42 $\frac{1}{2}$ ° E., 168 lks. dist., marked T 39 N R 11 W S 20 B T.

A juniper, 7 ins. diam., bears S. 80 $\frac{1}{2}$ ° E., 155 lks. dist., marked T 39 N R 11 W S 29 B T.

A juniper, 12 ins. diam., bears S. 86 $\frac{3}{4}$ ° W., 195 lks. dist., marked T 39 N R 11 W S 30 B T.

A juniper, 7 ins. diam., bears N. 47 $\frac{1}{4}$ ° W., 35 lks. dist., marked T 39 N R 11 S S 19 B T.

Land, rolling.

Soil, sandy and gravelly, 3rd. rate.

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

BOOK 4277

58

Survey: Subdivision of T. 39 N., R. 11 W.

Chains.	
	S. 89° 57' E., on a random line, bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.83	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence
	N. 89° 52' W., on true line, bet. secs. 20 and 29.
	Over rolling land, through scattering timber and dense undergrowth; ascend gradually.
1.60	Spur, slopes NE.; descend 90 ft. over NW. slope.
18.50	Wash, 15 lks. wide, in ravine, course NE., from W.; thence along wash.
31.50	Leave wash, course E., from S. 60° W.; ascend 83 ft. over SE. slope.
38.00	Short spur, slopes S.; descend gradually.
39.915	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
	$\frac{1}{4} \frac{S20}{S29}$
	1939
	from which
	A juniper, 12 ins. diam.; bears N. 55 $\frac{1}{2}$ ° E., 352 lks. dist., marked $\frac{1}{4}$ S 20 B T.
	No other bearing tree available.
	Descend 64 ft. over SW. slope.
50.73	Wash, 10 lks. wide, in ravine, course S. 10° E.; ascend 78 ft. over NE. slope.
57.33	Spur, slopes N. 10° E.; descend 54 ft. over NW. slope.
60.13	Same wash, in ravine, course N. 30° E.; ascend 25 ft. over SE. slope.
62.13	Short spur, slopes S.; descend 18 ft. over SW. slope.
64.83	Same wash, in ravine, course S. 60° E.; ascend 53 ft. over NE. slope.
69.13	Short spur, slopes N.; descend 31 ft. over NW. slope.
74.33	Same wash; course N. 50° E.; ascend 56 ft. over SE. slope.
79.83	The cor. of secs. 19, 20, 29 and 30.
	Land; rolling. Soil, gravelly clay and rocky, 3rd. and 4th. rate. Timber, scattering juniper; undergrowth, sagebrush, cliff rose, algerita and a fair growth of native grass.

Chains.	
	N. 89° 57' W., on a random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.90	Intersect W. bdy. of tp.; 5 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. diam, 36 ins. above ground, in a mound of stone, marked and witnessed as described in the official record.
	Thence S. 89° 55' E., on true line, bet. secs. 19 and 30.
	Over rolling land, through scattering timber and low undergrowth; descend 58 ft. over SE. slope.
5.15	Ravine, course N. 30° E.; ascend 48 ft. over NW. slope.
11.90	Top of ascent, descend 34 ft. over NE. slope.
36.90	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
	$\frac{1}{4}$ S 19 S 30
	1939
	from which
	A juniper, 7 ins. diam., bears N. 74 $\frac{1}{4}$ ° E., 48 lks. dist., marked $\frac{1}{4}$ S 19 B T.
	A juniper, 6 ins. diam., bears S. 33 $\frac{3}{4}$ ° W., 117 lks. dist., marked $\frac{1}{4}$ S 30 B T.
	Descend 23 ft. over NE. slope.
39.10	Draw, course N. 10° E.; ascend 44 ft. over NW. slope.
44.90	Spur, slopes N. 40° E.; descend 99 ft. over SE. slope.
59.90	Wash, 15 lks. wide, in bottom of ravine, course N. 60° E.; ascend 46 ft. over NW. slope.
64.40	Spur, slopes N.; descend 53 ft. over NE. slope.
71.20	Wash, 15 lks. wide, in bottom of same ravine, course S. 70° E.; ascend 30 ft. along S. slope.
76.90	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling. Soil, gravelly and rocky, 3rd. rate. Timber, juniper; undergrowth, sagebrush, cliff rose, cacti and a fair growth of native grass.
	N. 0° 03' W., bet. secs. 19 and 20.
	Over rolling land, through scattering timber and undergrowth; ascend 52 ft. over S. slope.
6.00	Fork of spurs, bearing N. 60° E., and N., thence along spur.
28.00	Leave spur, slopes N. 50° E.; descend 62 ft. over NE. slope, along W. side of shallow draw, course N.

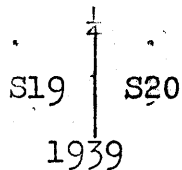
BOCV 4277

60

Survey: Subdivision of T. 39 N., R. 11 W.

Chains.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



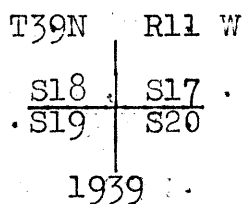
from which

A juniper, 7 ins. diam., bears N. $45\frac{1}{2}^{\circ}$ E., 126 lks. dist., marked $\frac{1}{4}$ S 20 B T.

A juniper, 8 ins. diam., bears S. $50\frac{1}{4}^{\circ}$ W., 48 lks. dist., marked $\frac{1}{4}$ S 19 B T.

Descend 68 ft. over NE. slope.

- 43.35 Ravine, course N. 45° W., from E.; ascend 41 ft. over SW. slope.
- 46.30 Rocky spur, slopes W.; descend 87 ft. over NW. slope.
- 58.50 Same ravine, course N. 30° E.; ascend 11 ft. over SE. slope.
- 59.40 Top of ascent; descend 16 ft. over NE. slope.
- 63.60 Same ravine; course N. 30° W.; descend 11 ft.
- 68.50 Same ravine, course N. 30° E.; ascend 92 ft. over SE. slope.
- 77.00 Spur, slopes N. 30° E.; thence along gradual NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 17, 18, 19 and 20, with brass cap marked



from which

A juniper, 5 ins. diam., bears S. $70\frac{3}{4}^{\circ}$ E., 65 lks. dist., marked T 39 N R 11 W S 20 B T.

A juniper, 6 ins. diam., bears S. $12\frac{1}{4}^{\circ}$ W., 180 lks. dist., marked T 39 N R 11 W S 19 B T.

No other bearing trees available.

Land, rolling.

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

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

Chains.	
	S. 89° 52' E., on a random line, bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.69	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 16, 17, 20 and 21.
	Thence
	N. 89° 49' W., on true line, bet. secs. 17 and 20.
	Over rolling land, through scattering undergrowth; ascend 50 ft. over NE. slope.
9.40	Enter scattering timber, bears N. and S.; continue ascent over NE. slope.
17.30	Short spur, slopes NE.; descend 30 ft. over NW. slope.
25.40	Draw, course NE.; ascend 120 ft. over SE. slope.
39.84	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
	$\frac{1}{4} \frac{317}{820}$
	1939
	from which
	A juniper, 10 ins. diam., bears S. 40 $\frac{1}{2}$ ° E., 66 lks. dist., marked $\frac{1}{4}$ S 20 B T.
	A juniper, 12 ins. diam., bears N. 73 $\frac{1}{2}$ ° W., 52 lks. dist., marked $\frac{1}{4}$ S 17 B T.
	Ascend 69 ft. over NE. slope.
48.20	Spur, slopes N. 10° W., descend 98 ft. over W. slope.
53.44	Ravine, course N. 5° W.; ascend 116 ft. over SE. slope.
63.90	Spur, slopes N. 30° E.; descend 115 ft. over NW. slope.
71.70	Ravine, course N. 30° E.; ascend 133 ft. over SE. slope.
78.50	Spur, slopes N.; descend 10 ft. over NW. slope.
79.69	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling and heavily rolling.
	Soil, gravelly and rocky clay, 3rd and 4th. rate.
	Timber, scattering juniper; undergrowth, sagebrush, cacti, cliff rose, algerita and a fair growth of native grass.
	N. 89° 55' W., on a random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.56	Intersect W. bdy. of tp., 21 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. diam., 12 ins. above ground, marked and witnessed as described in the official record.
	Thence

BOOK 4277

62

Survey: Subdivision of T. 39 N., R. 11 W.

Chains.

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

Over heavily rolling land, through scattering timber and undergrowth; descend 111 ft. over NW. slope.

0.10 Wash, 10 lks. wide, course NE.; asc. 111 ft. over NE. slope.

15.56 Spur, slopes N.; descend 99 ft. over NE. slope.

23.76 Ravine, course N. 10° E.; ascend 147 ft. over NW. slope.

34.00 Spur, slopes N. 40° E.; descend 15 ft. over SE. slope.

36.56 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \frac{S18}{S19}$

1939

from which

A juniper, 8 ins. diam.; bears S. 13 $\frac{3}{4}$ ° W., 38 lks. dist., marked $\frac{1}{4}$ S 19 B T.A juniper, 6 ins. diam., bears N. 68 $\frac{3}{4}$ ° W., 65 lks. dist., marked $\frac{1}{4}$ S 18 B T.

Descend 128 ft. over SE. slope.

47.60 Canyon, course NE.; ascend 180 ft. over NW. slope.

63.60 Spur, slopes N. 20° E.; descend 136 ft. over SE. slope.

71.26 Ravine, course N. 20° E.; ascend 117 ft. over NW. slope.

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

Land, heavily rolling.

Soil, rocky, 4th. rate.

Timber, scattering juniper; undergrowth, sagebrush, algerita, cliff rose and cacti, with a fair growth of native grass.

N. 0° 03' W., bet. secs. 17 and 18.

Over heavily rolling land, through scattering timber and undergrowth; descend 210 ft. over NW. slope.

27.00 Foot of steep descent, bears N. 80° E. and S. 70° W.; over flat bottom of canyon; leave scattering timber, bears N. 80° E. and S. 70° W.

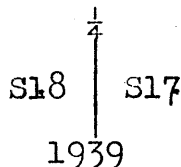
32.36 Cut bank wash, 40 lks. wide, 16 ft. banks, course N. 85° E.

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

34.36 Leave bottom of canyon, bears N. 80° E. and N. 85° W.; ascend 75 ft. over S. slope, enter medium heavy timber, bears N. 80° E. and N. 85° 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

Chains.



from which

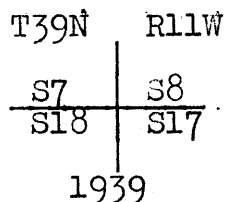
A juniper, 12 ins. diam., bears N. $43\frac{3}{4}^{\circ}$ E., 51 lks. dist., marked $\frac{1}{4}$ S 17 B T.

A juniper, 8 ins. diam., bears N. $44\frac{1}{4}^{\circ}$ W., 37 lks. dist., marked $\frac{1}{4}$ S 18 B T.

Ascend 173 ft. over SW. slope, through medium heavy timber.

66.00 Spur, slopes S. 30° E.; descend 56 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked



from which

A juniper, 8 ins. diam., bears N. $61\frac{1}{2}^{\circ}$ E., 32 lks. dist., marked T 39 N R 11 W S 8 B T.

A pinon pine, 17 ins. diam., bears S. $16\frac{1}{2}^{\circ}$ E., 78 lks. dist., marked T 39 N R 11 W S 17 B T.

A pinon pine, 12 ins. diam., bears S. 16° W., 78 lks. dist., marked T 39 N R 11 W S 18 B T.

A juniper, 5 ins. diam., bears N. $44\frac{3}{4}^{\circ}$ W., 46 lks. dist., marked T 39 N R 11 W S 7 B T.

Land, heavily rolling.

Soil, gravelly clay, 3rd. rate.

Timber, juniper and pinon pine; undergrowth, sagebrush, cliff rose, cacti and a fair growth of native grass.

S. $89^{\circ} 49'$ E., on a random line, bet. secs. 8 and 17.

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

79.71 Intersect N. and S. line, 42 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence

S. $89^{\circ} 53'$ W., on true line, bet. secs. 8 and 17.

Over heavily rolling land, through scattering timber and dense undergrowth; descend 40 ft. over SW. slope.

6.60 Enter valley, bears NW. and SE., thence over level land.

12.20 Leave valley, bears NE. and SW.; ascend 107 ft. over SE. slope.

Chains.

18.50 Spur, slopes S.; descend 60 ft. over W. slope.

25.50 Gulch, course S. 20° E.; ascend 18 ft. over gradual E. slope.

39.85 True point for $\frac{1}{4}$ sec. cor. falls on insecure ground, in wash, 10 lks. wide, course SE.

Ascend gradually.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S8}{S17}$ WC

1939

from which

A juniper, 7 ins. diam., bears S. 39 $\frac{1}{2}$ ° W., 10 lks. dist., marked WC $\frac{1}{4}$ S 17. B T.

A juniper, 16 ins. diam., bears N. 41 $\frac{3}{4}$ ° W., 75 lks. dist., marked WC $\frac{1}{4}$ S B T.

Ascend 188 ft. over rolling NE. slope, through medium heavy timber, and scattering undergrowth.

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

Land, heavily rolling.

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

Timber; juniper and pinon pine; undergrowth, sagebrush, cliff rose, cacti, with a fair growth of native grass over E. half mile.

S. 89° 56' W., on a random line, bet. secs. 7 and 18.

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

76.44 Intersect W. bdy. of tp., 20 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., 24 ins. above ground, in a mound of stone to top, marked and witnessed as described in the official record.

Thence

N. 89° 47' E., on true line, bet. secs. 7 and 18.

Over mountainous land, through medium heavy timber and scattering undergrowth; descend 51 ft. over E. slope.

3.30 Ravine, course S. 5° E.; ascend 362 ft. over SW. slope.

36.44 Set an iron post, 3 ft. long, 1 in. diam., on bedrock 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

Survey: Subdivision of T. 39 N., R. 11 W.

65

Chains.

from which

A juniper, 10 ins. diam., bears S. 63° W., 51 lks.
dist., marked $\frac{1}{4}$ S 18 B T.

A juniper, 12 ins. diam., bears N. $78\frac{1}{2}^{\circ}$ W., 120 lks.
dist., marked $\frac{1}{4}$ S 7 B T.

Cor. is on top of spur, slopes S.; descend 438 ft. over SE.
slope.

67.38 Ravine, course S. 40° W.; ascend 76 ft. over general W.
slope.

73.84 Spur, slopes S. 30° E.; descend 21 ft. over NE. slope.

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

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, juniper and pinon pine; undergrowth, cliff rose,
algerita and cacti.

N. $0^{\circ} 03'$ W., bet. secs. 7 and 8.

Over mountainous land, through medium heavy timber; descend
50 ft. over NE. slope.

8.80 Shallow ravine, course S. 70° E.; ascend 162 ft. over SE.
slope.

20.00 Spur, slopes S. 50° E.; descend 19 ft. over NE. slope.

22.90 Draw, course S. 70° E.; ascend 251 ft. over general SE.
slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground, to bedrock and in a mound of stone to top, for
 $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$
 S7 | S8
 1939

from which

A pinon pine, 10 ins. diam., bears S. 83° E., 6 lks.
dist., marked $\frac{1}{4}$ S 8 B T.

A pinon pine, 14 ins. diam., bears S. $27\frac{3}{4}^{\circ}$ W., 61 lks.
dist., marked $\frac{1}{4}$ S 7 B T.

Ascend 141 ft. over SE. slope.

47.00 Rim of mesa. bears N. 40° E. and S. 40° W.; ascend 103 ft.
over SE. slope on rolling mesa.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
ground, to bedrock and in a mound of stone to top, for
the cor. of secs. 5, 6, 7 and 8, with brass cap marked

Chains.

T39N R11W

S6	S5
S7	S8

1939

from which

A juniper, 8 ins. diam., bears N. 30° E., 34 lks. dist., marked T 39 N R 11 W S 5 B T.

A juniper, 17 ins. diam., bears S. 54° E., 56 lks. dist., marked T 39 N R 11 W S 8 B T.

A juniper, 14 ins. diam., bears S. 47° W., 33 lks. dist., marked T 39 N R 11 W S 7 B T.

A juniper, 8 ins. diam., bears N. 36° W., 81 lks. dist., marked T 39 N R 11 W S. 6 B T.

Land, mountainous and rolling mesa.

Soil, rocky, 4th. rate.

Timber, juniper and pinon pine; undergrowth, sagebrush, cliff rose, algerita, cacti and a fair growth of native grass over N. half mile.

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

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

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

Thence

S. 89° 57' W., on true line, bet. secs. 5 and 8.

Over mountainous land, through scattering timber and dense undergrowth; ascend 93 ft. over SE. slope.

6.00 Spur, slopes S. 10° W., descend 325 ft. over NW. slope.

29.20 Gulch, head of wash, course S. 30° W.; ascend 143 ft. over SE. slope; enter heavy, leave scattering timber, bears NE. and SW.

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

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

1939

from which

A juniper, 12 ins. diam., bears N. 46 $\frac{3}{4}$ ° E., 17 lks. dist., marked $\frac{1}{4}$ S 5 B T.

A juniper, 12 ins. diam., bears S. 86 $\frac{1}{4}$ ° W., 30 lks. dist., marked $\frac{1}{4}$ S 8 B T.

Chains.

Ascend 185 ft. over SE. slope.

46.10 Rim of mesa. bears N. 30° E. and S. 30° W.; thence ascend 22 ft. over gradual E. slope, over rolling, broken top of mesa.

51.00 Low spur, slopes S.; descend 33 ft. over W. slope.

62.17 Draw, course S. 30° E.; ascend 71 ft. over rolling mesa.

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

Land, rolling mesa and mountainous.

Soil, rocky clay, 4th. rate.

Timber, juniper and pinon; undergrowth, cliff rose, cacti and sagebrush.

S. 89° 47' W., on a random line, bet. secs. 6 and 7.

40.00 Set temp. ¼ sec. cor.

76.25 Intersect W. bdy. of tp., 6 lks. N. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., 18 ins. above ground, in a mound of stone to top, marked and witnessed as described in the official record.

Thence

N. 89° 44' E., on true line, bet. secs. 6 and 7.

Over rolling land; through medium heavy timber and scattering undergrowth; on mesa, descend 31 ft. over gradual NE. slope.

24.25 Shallow draw, course SE.; ascend 10 ft. over rolling mesa.

36.25 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

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

1939

from which

A juniper, 10 ins. diam., bears N. 22¾° E., 30 lks. dist., marked ¼ S 6 B T.

A juniper, 10 ins. diam., bears S. 42¼° W., 60 lks. dist., marked ¼ S 7 B T.

Descend 16 ft. over rolling mesa.

44.65 Well defined stock trail, bears N. 20° E. and S. 20° W.

51.25 Shallow draw, course SE.; over rolling mesa.

61.45 Stock trail, bears NE. and SW.; descend 16 ft. over rolling mesa.

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

Land, rolling mesa.

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

Timber, juniper and pinon pine; undergrowth, sagebrush and cacti.

Chains.

North, on a random line, bet. secs. 5 and 6.

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

73.46 Intersect N. bdy. of tp., at the cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Thence

South, on true line, bet. secs. 5 and 6.

Over rolling mesa land, through medium heavy timber and low undergrowth; ascend 27 ft. over SW. slope.

0.05 Draw, course SE.; asc. 24 ft. over NE. slope.

8.86 Low spur; slopes SE.; descend 35 ft. over rolling SW. slope.

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

$\frac{1}{4}$
 S6 | S5
 1939

from which

A juniper, 14 ins. diam., bears S. $74\frac{3}{4}^{\circ}$ E., 44 lks. dist., marked $\frac{1}{4}$ S 5 B T.

A juniper, 12 ins. diam., bears N. 21° W.; 14 lks. dist., marked $\frac{1}{4}$ S 6 B T.

Descend 27 ft. over gradual SW. slope.

43.46 Shallow draw, course SE.; ascend 16 ft. over rolling mesa.

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

Land, rolling mesa.

Soil, rocky clay, 3rd. rate.

Timber, juniper and pinon pine; undergrowth, sagebrush, algerita, cliff rose and cacti, with a fair growth of native grass.

General Description.

This township is situated in the Virgin River drainage basin, the drainage being to the north and northeast. The topography varies from rolling mesa and heavily rolling land in the south and northeast portions of the township, to mountainous in the northwest portion. The soil is generally gravelly and rocky clay, 3rd. and 4th. rates, with some limestone formation in which there are a few small caves and cuts. The average elevation is 4500 ft. above sea level.

The timber is scattering juniper over a greater part of the township, with a heavy growth of juniper and pinon pine in the northwest portion. The undergrowth is a fairly dense growth of sagebrush, algerita, cliff rose and Spanish dagger, with a growth of native grass ranging from fair to good quality, which is good feed for stock, and there are a considerable number of cattle and some horses ranging this territory.

There is no permanent water in the township. It is drained by numerous washes and canyons; which are dry except during rainy periods. The principal one is Main Street Wash, which drains in a northerly direction, in a wide valley, through secs. 16, 17, 21, 27, 28, 33 and 34. This wash drains into a deep, rocky canyon, with a northeast course, through secs. 3, 4 and 9. There is a dam and earth reservoir, for the purpose of holding stock water, in the SE $\frac{1}{4}$ of sec. 21, and another in the SW $\frac{1}{4}$ of sec. 2. These reservoirs were dry at the time of the survey, but hold water most of the year.

An unimproved, ungraded road enters the township near the cor. of secs. 7, 12, 13 and 18, on the east boundary and has a SE. and S. bearing through secs. 13, 24, 25 and 36, to a junction with the Navajo Trail, an unimproved road, formerly used by the Indians in travel from the Navajo Reservation to points in Utah. This road has a northwest and southeast bearing through the S. half of sec. 36, entering the township just north of the cor. of Tps. 38 and 39 N., Rgs. 10 and 11 W., and leaving it near the cor. of secs. 1, 2, 35 and 36. There is another ungraded road along Main Street Wash, to the mouth of the canyon in sec. 17. These roads are principally used by stockmen.

There are no settlers at present residing in the township. The principal industrial possibility is stock raising, although some farming could be carried on in the valleys. No evidence of mineral deposits was discovered at the time of the survey.

FINAL TEST OF INSTRUMENTS.
HORACE M. MUSCOTT, BUFF AND BUFF TRANSIT NO. 16723.

June 2, 1939, at the cor. of Tps. 38 and 39 N., Rgs. 8 and 9 W., G. and S. R. Meridian, Arizona, in latitude $36^{\circ} 43' 42''$ N., and longitude $113^{\circ} 12' 09''$ W., examine the adjustments of Buff and Buff transit No. 16723 and find no errors; then to test the solar apparatus of same upon a true meridian, proceed as follows:

At 3h. 5m. a.m., l.m.t., observe Polaris at eastern elongation, making six observations, three 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, $1^{\circ} 17'$.

At 8 a.m. turn a deflection angle of $91^{\circ} 17'$ to the west and mark the line thus determined by a nail in a stake driven firmly in the ground about 30 chs. W. This line was run as a tangent west for the survey of the south boundary of T. 39 N., R. 9 W. and in the SE $\frac{1}{4}$ of sec. 33 a meridian was established by deflection angles from this tangent line.

June 10, 1939: at camp in the SE $\frac{1}{4}$ of sec. 33, T. 39 N., R. 9 W., G. and S. R. Meridian, Arizona, in latitude $36^{\circ} 43' 42''$ N., and longitude $113^{\circ} 15\frac{1}{2}'$ W., using the meridian described above, test the solar apparatus as follows:

At 9h.00m., a.m., app. t., set off $36^{\circ} 43\frac{1}{2}'$ N. on the latitude arc; $22^{\circ} 59'$ N. on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

At app noon, with the lat. arc unchanged, observe the sun on the meridian and obtain a reading of $22^{\circ} 59\frac{1}{2}'$ N. on the decl. arc, which agrees with the computed declination of the sun.

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

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

CLAUDE F. WARNER, BUFF AND BUFF TRANSIT NO. 9984.

June 10, 1939, at same station as above and using the same true meridian, test the solar apparatus as follows:

At 9h.00m., app.t., set off $36^{\circ} 43\frac{1}{2}'$ N. on the lat. arc, $22^{\circ} 59'$ N. on the decl. arc and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian and obtain a reading of $22^{\circ} 59\frac{1}{2}'$ N. on the decl. arc, which agrees with the computed declination of the sun.

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

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

FRANK MOTOH, YOUNG AND SONS TRANSIT NO. 8526.

June 10, 1939, at same station as above and using the same true meridian, test the solar apparatus as follows:

At 9h.00m. a.m., app. t., set off $36^{\circ} 43\frac{1}{2}'$ N. on the lat. arc, $22^{\circ} 59'$ N. on the decl. arc and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat arc unchanged, observe the sun on the meridian and obtain a reading of $22^{\circ} 59\frac{1}{2}'$ N. on the decl. arc, which agrees with the computed declination of the sun.

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

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

CERTIFICATE OF SURVEYOR

I, Frank Motos, Public Land Surveyor / General Land Office, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of July, 1937, 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 No. 39 North, Range No. 11 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,

April 2, 1940.

Frank Motos

Public Land Surveyor,

General Land Office.

~~CERTIFICATE OF APPROVAL~~

~~Office of Supervisor of Surveys,~~

~~19~~

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

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

~~Supervisor of Surveys.~~

~~CERTIFICATE OF TRANSCRIPT~~

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

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

~~Supervisor of Surveys.~~

75 BOOK 4277

CERTIFICATE OF SURVEYOR

I, Claude F. Warner, Transitman / General Land Office, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of July, 1937, received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939, I have surveyed

the South Boundary

and Part of the Subdivisional lines of

Township No. 39 North, Range No. 11 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,
April 2, 1940.

Claude F. Warner
Transitman,
General Land Office.

~~CERTIFICATE OF APPROVAL~~

~~OFFICE OF SUPERVISOR OF SURVEYS,~~

~~19~~

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

~~executed by~~

~~under special instructions dated~~ ~~and assignment instructions dated~~

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

~~Supervisor of Surveys.~~

~~CERTIFICATE OF TRANSCRIPT~~

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

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

~~Supervisor of Surveys.~~

80
77

BOOK 4277

CERTIFICATE OF SURVEYOR

I, Horace M. Muscott Surveyor / General Land Office., HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of July, 1937, received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939, I have surveyed the North Boundary of Township No. 39 North, Range No. 11 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. Glendale, California, May 3, 1941. Horace M. Muscott Surveyor, General Land Office.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colo., February 2, 1944.

The foregoing field notes of the survey of the South and North Boundaries, and the Subdivisional lines of Township No. 39 North, Range No. 11 West, of the Gila & Salt River Meridian, in the State of Arizona, executed by Horace M. Muscott, Surveyor, Claude F. Warner, Transitman, and Frank Moteh, Public Land Surveyor. General Land Office, under special instructions dated July 13, 1937, for Group 211, Ariz. and assignment instructions dated April 11, 1939, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Samuel A. Johnson
Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

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

~~Supervisor of Surveys.~~