

Original

Book C

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

Indexed
C. L. ...

FIELD NOTES

BOOK 4291

OF THE

Survey of the West and North Boundaries and Subdivisional Lines of

Township 34 North, Range 14 West,

4291

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Horace M. Muscott, Surveyor

General Land Office

Under special instructions dated February 15 and July 1, 1939, which provided

for the surveys included under Group No. 213, bearing the approval of the

Commissioner of the General Land Office under date of May 29 and September 6, 1939

and assignment instructions dated September 12, 1939 and January 17, 1940.

Survey commenced October 12, 1939.

Survey completed March 19, 1940.

96
1A

BOOK 4291

INDEX DIAGRAM.

Township 34 North, Range 14 West.

7 6 6	8 71 5	8 54 4	9 44 3	10 33 2	11 23 1
70 5 7	70 69 8	53 52 9	43 42 10	32 31 11	22 21 12
68 4 18	67 66 17	51 50 16	41 40 15	30 29 14	20 18 13
65 4 19	63 62 20	49 48 21	39 38 22	29 27 23	17 16 24
61 3 30	60 58 29	47 46 28	37 36 27	27 26 26	15 14 25
57 2 31	56 55 32	45 44 33	35 34 34	25 24 35	13 12 36

Lot No. 37
.USLM No. 1

6-161

Lot No. 37, Adams lode-----Page 72.

The surveys herein described were executed with Buff and Buff transit No. 16723. The instrument is equipped with an improved Smith solar attachment and otherwise conforms to the standard specifications of the General Land Office. The instrument was examined by the District Cadastral Engineer for California and Arizona prior to the beginning of the survey of this group, and was approved conditional upon satisfactory results of field tests of same.

The azimuths of all the lines of survey herein described were determined either by Polaris observations or with the solar attachment.

All measurements were made with Dietzgen steel tapes, 5 chains 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.

The data furnished with the special instructions give the geographic position of the SE. cor. of this Tp. as follows: latitude $36^{\circ} 17' 34''$ N., and longitude $113^{\circ} 44' 08''$ W.

Observations for verification of the latitude are given in the field notes of T. 35 N., R. 13 W., surveyed under this group.

October 12, 1939.

At 9h. 00m., a.m., app.t., in camp near the center of sec. 34, T. 38 N., R. 14 W., G. and S. R. Meridian, Arizona, in latitude $36^{\circ} 39' N.$, longitude $113^{\circ} 47\frac{1}{2}' W.$, on the meridian described in the field notes of the survey of T. 37 N., R. 14 W.; set off $36^{\circ} 39' N.$ on the latitude arc; $7^{\circ} 12\frac{1}{2}' S.$ on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian and obtain a reading of $7^{\circ} 15\frac{1}{2}' S.$ 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 $7^{\circ} 18' S.$ on the declination 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 this instrument is in satisfactory adjustment on this date.

Feb. 5, 1940; at camp in the $NW\frac{1}{4}SW\frac{1}{4}$ of sec. 5, T. 34 N., R. 14 W., G. and S. R. Meridian, Arizona, in latitude $36^{\circ} 22\frac{1}{2}' N.$, longitude $113^{\circ} 49\frac{1}{2}' W.$, examine the adjustments of the instrument and find no errors; then, to test the solar apparatus by comparing its indications with a true meridian established by Polaris observation, proceed as follows:

At 10h. 46.7m., 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 point on a rock, approximately $\frac{1}{2}$ mile north.

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

At 1 p.m., lay off the azimuth of Polaris $1^{\circ} 16'$ to the west, and mark the meridian thus determined by a sight on a rock, approximately $\frac{1}{2}$ mile north.

Feb. 9, 1940; on the meridian described above, at 9h.00m., a.m., app.t., set off $36^{\circ} 22\frac{1}{2}'$ N. on the latitude arc, $14^{\circ} 51'$ S. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the latitude arc unchanged; observe the sun on the meridian, and obtain a reading of $14^{\circ} 49\frac{1}{2}'$ S. 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 $14^{\circ} 46\frac{1}{2}'$ S. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

As all 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.

West Boundary of T. 34 N., R. 14 W.

Chains.

From the cor. of Tps. 33 and 34 N., Rgs. 14 and 15 W., as evidenced by an iron post, 3 ins. diam., 10 ins. above ground, marked and witnessed as described in the official record.

North, along the W. bdy. of T. 34 N., R. 14 W., bet. secs. 31 and 36.

Over rolling land, through scattering Joshua trees and undergrowth.

- 0.50 Wash, 60 lks. wide, course S. 80° W.; ascend 45 ft. over S. slope.
- 4.00 Spur, slopes S. 80° W.; descend gradually over NW. slope.
- 11.00 Draw, drains S. 70° W.; ascend 133 ft. over S. slope.
- 22.00 Spur, slopes W.; descend 110 ft. over NW. slope.
- 28.80 Wash, 15 lks. wide, course W.; ascend 136 ft. over S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 17 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

↑
S 36 | S 31

1939

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

West Boundary of T. 34 N., R. 14 W.

3

Chains.

Ascend 29 ft. over gradual S. slope.

45.50 Spur, slopes S. 80° W.; descend 62 ft. over N. slope.

50.60 Wash, 30 lks. wide, course W.; ascend 154 ft. over S. slope.

76.40 Low spur, slopes W. Dim road, bears NW. and SW., 3.00 chs. W. of line. Thence along gradual W. 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. 25, 30, 31 and 36, with brass cap mkd.

T34N	
R15W	R14W
S 25	S 30
S 36	S 31
1939	

Land, rolling.

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

Timber, scattering Joshua trees; undergrowth, yucca, sagebrush, greasewood, catclaw and cacti.

North, bet. secs. 25 and 30.

Over broken, general W. slope, through scattering undergrowth.

22.10 Wash, 15 lks. wide, course W.; ascend 242 ft. over S. slope.

37.60 Top of butte, from which spurs slope W. and NE.; descend 47 ft. over N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S 25	S 30
1939	

Descend 70 ft. over NW. slope.

43.65 Ravine, course NE.; continue descent 52 ft. along W. slope.

57.80 Ravine, 8 lks. wide, course W.; ascend 75 ft. over S. slope.

69.80 Spur, slopes W.; descend 93 ft. over N. slope.

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

T34N	
R15W	R14W
S 24	S 19
S 25	S 30
1939	

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

4

West Boundary of T. 34 N., R. 14 W.

Chains.	<p>Land, rolling. Soil, gravelly and rocky, 3rd. and 4th. rates. Timber, scattering Joshua trees; undergrowth, greasewood, yucca, sagebrush, catclaw and cacti.</p> <hr/> <p>North; bet. secs. 19 and 24.</p> <p>Over rolling land, through scattering Joshua trees and undergrowth; descend 42 ft. over NW. slope.</p> <p>5.80 Ravine, drains W.; ascend 94 ft. over S. slope.</p> <p>11.30 Spur, slopes W., from NE.; descend 148 ft. over NW. slope.</p> <p>31.50 Ravine, 6 lks. wide, course W.; ascend 107 ft. over SW. slope.</p> <p>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.</p> <div style="text-align: center;"> $\begin{array}{c} \uparrow \\ \text{S } 24 \mid \text{S } 19 \\ \hline 1939 \end{array}$ </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Continue ascent of 30 ft. over SW. slope.</p> <p>45.00 Spur, slopes W.; descend 160 ft. over NW. slope.</p> <p>73.80 Wash, 15 lks. wide, course W.; ascend 15 ft. over S. slope.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 13, 18, 19 and 24, with brass cap mkd.</p> <div style="text-align: center;"> $\begin{array}{c} \text{T34N} \\ \text{R15W } \mid \text{R14W} \\ \text{S } 13 \mid \text{S } 18 \\ \hline \text{S } 24 \mid \text{S } 19 \\ \hline 1939 \end{array}$ </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2$\frac{1}{2}$ ft. high, W. of cor.</p> <p>Land, rolling. Soil, shallow rocky, 3rd. and 4th. rates. Timber, scattering Joshua trees; undergrowth, greasewood, yucca, sagebrush, cacti and catclaw.</p> <hr/> <p>North, bet. secs. 13 and 18.</p> <p>Over rolling land, through scattering Joshua trees and undergrowth; ascend 39 ft. over S. slope.</p> <p>3.00 Spur, slopes W.; thence along broken W. slope.</p> <p>27.90 Dim, ungraded road, bears N. 60° E. and S. 60° W.</p> <p>31.10 Wash, 100 lks. wide, in bottom of Mine Canyon, course W.; ascend gradually.</p>
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Chains.

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

$\frac{1}{4}$
S 13 | S 18
1939.

Ascend gradually along W. slope.

60.00 Low spur, slopes W.; continue along gradual W. 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. 7, 12, 13 and 18, with brass cap mkd.

T34N
R15W R14W
S 12 | S 7
S 13 | S 18
1939

Land, rolling.

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

Timber, scattering Joshua trees; undergrowth, yucca, greasewood, sagebrush, cacti and catclaw.

North, bet. secs. 7 and 12.

Over rolling land, through scattering Joshua trees and undergrowth; descend 121 ft. over NE. slope.

11.80 Wash, 15 lks. wide, course NW.; thence along broken W. slope.

36.40 Wash, 20 lks. wide, course W.; thence over rolling land.

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 mkd.

$\frac{1}{4}$
S 12 | S 7
1939

Continue over rolling land.

46.70 Low spur, slopes S. 80° W. Old ungraded road, bears S. 80° W. and N. 80° E., 7 chs. to junction with road from S.; continue over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 1, 6, 7 and 12, with brass cap mkd.

T34N
R15W R14W
S 1 | S 6
S 12 | S 7
1939

Chains.

Land, rolling.
Soil, shallow rocky, 3rd. and 4th. rates.
Timber, scattering Joshua trees; undergrowth, greasewood,
yucca, sagebrush, cacti and catclaw.

North, bet. secs. 1 and 6.

Over rolling land, through scattering timber and undergrowth.

- 3.20 Ravine, 4 lks. wide, course W.; ascend 71 ft. over S. slope.
8.20 Spur, slopes W. Road to Grand Gulch Mine bears E. and W.; descend 56 ft. over NW. slope.
31.40 Old road to Grand Gulch Mine, bears E. and 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 mkd.

$\frac{1}{4}$
 S 1 | S 6
 1939

raise a mound

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

Ascend 7 ft. over S. slope.

- 46.00 Low spur, slopes W.; thence along W. slope.
70.40 Tank Canyon, wash in bottom, 40 lks. wide, course W.; continue over rolling land.
78.00 Wash, 8 lks. wide, course N. 70° W.
79.05 Point for cor. of Tps. 34 and 35 N., Rs. 14 and 15 W., due W. of cor. of Tps. 34 and 35 N., Rs. 13 and 14 W., determined by calculation.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Tps. 34 and 35 N., Rs. 14 and 15 W., with brass cap marked

T35N
 R15W R14W
 S 36 | S 31
 S 1 | S 6
 T34N
 1939

raise a mound

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

Land, rolling.
Soil, rocky, 3rd. and 4th. rates.
Timber, scattering Joshua trees; undergrowth, greasewood,
yucca, sagebrush, cacti and catclaw.

North Boundary of T. 34 N., R. 14 W.

Chains.

From the cor. of Tps. 34 and 35 N., Rs. 13 and 14 W.; W. on a random line along N. bdy. of T. 34 N., R. 14 W., setting temp. $\frac{1}{4}$ sec. and sec. cors. at 40.00 ch. intervals. At 479.47 chs. intersect N. and S. line, 70 lks. S. of the cor. of Tps. 34 and 35 N., Rs. 14 and 15 W. The correction is 11.6 lks. N. per mile, counting from the place of beginning.

Thence

S. 89° 55' E., on true line, bet. secs. 6 and 31.

Over rolling land, through scattering Joshua trees and undergrowth; ascend 109 ft.

- 2.17 Ungraded road, bears N. and S.
 32.87 Top of ascent; descend 24 ft. over SE. slope.
 38.87 Wash, 20 lks. wide, course SW.; thence over rolling land.
 39.47 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

$$\frac{S\ 31}{S\ 6}$$

1939

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

Ascend 103 ft. over broken NW. slope.

- 77.97 Low spur, slopes SW.; descend gradually.
 79.47 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 5, 6, 31 and 32, with brass cap marked

T35N R14W			
S 31	S 32		
S 6	S 5		

T34N
1939

Land, rolling.

Soil, rocky, 4th. rate.

Timber, scattering Joshua trees; undergrowth, greasewood, yucca, sagebrush, catclaw and cacti.

S. 89° 55' E., bet. secs. 5 and 32.

Over rolling land, through scattering Joshua trees and undergrowth.

- 15.30 Wash, 20 lks. wide, course SW.; continue over rolling land.
 35.80 Same wash, 15 lks. wide, course N. 70° W.; continue over rolling land.
 40.00 True point for $\frac{1}{4}$ sec. cor. falls on insecure ground in bed of wash, course S. 85° W., from S.

Chains.

Continue over rolling land.

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

$$\text{WC } \frac{1}{4} \begin{array}{r} \text{S } 32 \\ \hline \text{S } 5 \end{array}$$

1939

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

Ascend.

- 41.20 Rock ledge, 20 ft. high, 4 ft. wide, on point of spur, sloping from N.; thence along S. slope.
- 44.90 Wash, 15 lks. wide, course S. 85° W.; ascend 171 ft. over NW. slope.
- 58.13 Slope changes to W.; ascend 335 ft. over steep W. slope.
- 68.00 Top of rocky point, bears N. and S. Wash in bottom of box canyon, 300 ft. lower than this point, bears N.; approximately 5.00 chs. dist. Ascend 50 ft. along S. rim of box canyon.
- 79.30 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock in crevice of rock, and in a mound of stone to top, for the witness cor. secs. 4, 5, 32 and 33; with brass cap mkd.

T35N·R14W

$$\begin{array}{r|l} \text{S } 32 & \text{S } 33 \\ \hline \text{S } 5 & \text{S } 4 \end{array} \text{WC}$$

T34N

1939

A limestone ledge, 4 ft. high, bears S. 64° E., 14 lks. dist., marked X B O S 4 on NE. face. from which

- 79.50 Top of rim of box canyon, bears N. 85° W. and S. 85° E.; descend 6 ft.
- 80.00 The true point for the cor. of secs. 4, 5, 32 and 33 falls on insecure ground on rim of canyon.

Land, rolling and mountainous.

Soil, rocky, 4th. rate.

Timber, scattering Joshua trees; undergrowth, yucca, sagebrush, catclaw, greasewood and cacti.

S. $89^\circ 55'$ E., bet. secs. 4 and 33.

Over heavily rolling land, through undergrowth; descend 110 ft. over NE. slope.

- 3.70 Wash, 25 lks. wide, in bottom of canyon, course N. 80° W.; ascend 166 ft. over SW. slope.
- 8.20 Top of rim of canyon, bears N. 80° W. and S. 80° E.; ascend gradually along S. slope.

Chains.

- 11.50 Point of spur, slopes S.; thence along broken S. slope.
- 30.60 Ravine, course SW. for 6.00 chs., to junction with wash, course W., from SE.; ascend 155 ft. over broken W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, over a cross (X) marked on bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \text{ S } 33 \\ \text{S } 4 \\ 1939 \end{array}$$

Ascend 565 ft. over steep, rocky W. slope.

- 52.80 Top of N. end of perpendicular cliff, 60 ft. high, faces W.; continue ascent 23 ft. over NW. slope.
- 53.80 Long, high spur, slopes N. for 8.00 chs., thence W.; descend 128 ft. over NE. slope.
- 63.20 Top of limestone ledge, 12 ft. high, faces NE.; continue descent 182 ft. over steep, rocky NE. slope, with broken cliffs.
- 76.20 Sidehill drain, course N.; ascend 70 ft. over NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 3, 4, 33 and 34, with brass cap mkd.

$$\begin{array}{c} \text{T35N R14W} \\ \text{S } 33 \mid \text{S } 34 \\ \text{S } 4 \mid \text{S } 3 \\ \text{T34N} \\ 1939 \end{array}$$

from which

A juniper limb, 6 ins. diam., bears N. 4° E., 182 lks. dist., marked T 35 N R 14 W S 34 B T.

Corner is located on top of spur sloping N.

Land, heavily rolling and mountainous.
Soil, rocky, 3rd. and 4th. rates.
Timber, scattering Joshua trees; undergrowth, sagebrush, cliff rose, algerita and cacti.

S. 89° 55' E., bet. secs. 3 and 34

Over mountainous land, through scattering timber and undergrowth; descend 35 ft. over steep NE. slope.

- 3.80 Rocky gulch, 10 lks. wide, course N. 80° W.; ascend 430 ft. over SW. slope.
- 28.05 Top of steep ascent, bears NW. and SE.; ascend 46 ft. along S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Chains.

$$\frac{1}{4} \begin{array}{r} S 34 \\ S 3 \\ 1939 \end{array}$$

from which

A juniper, 8 ins. diam., bears S. 44° E., 267 lks. dist., marked $\frac{1}{4}$ S 3 B T.

Ascend gradually along S. slope.

- 44.00 Spur, slopes N. 25° W.; descend 114 ft. over NE. slope.
 59.00 Ravine, course N.; ascend 93 ft. over NW. slope.
 66.00 Spur, slopes N.; descend 102 ft. over NE. slope.
 74.60 Ravine, course N.; ascend 87 ft. over W. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

$$\begin{array}{c} T35N R14W \\ \hline S 34 | S 35 \\ S 3 | S 2 \\ \hline T34N \\ 1939 \end{array}$$

Land, mountainous.
 Soil, rocky, 4th. rate.
 Timber, scattering juniper; undergrowth, sagebrush, cacti, cliff rose and algerita.

S. 89° 55' E., bet. secs. 2 and 35.

Over mountainous land, through scattering timber and dense low undergrowth; descend 177 ft. over NE. slope.

- 10.30 Ravine, course NW.; ascend 106 ft. over W. slope.
 17.00 Spur, slopes NW.; descend 408 ft. over steep, rocky NE. slope, with broken cliffs.
 38.80 Sidehill drain, course N.; ascend 45 ft. over NW. slope.
 40.00 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 mkd.

$$\frac{1}{4} \begin{array}{r} S 35 \\ S 2 \\ 1939 \end{array}$$

from which

A juniper limb, 6 ins. diam., bears S. 58° E., 24 lks. dist., marked $\frac{1}{4}$ S 2 B T.

A juniper, 8 ins. diam., bears N. 72° W., 109 lks. dist., marked $\frac{1}{4}$ S 35 B T.

Chains.

- Ascend gradually over NW. slope.
- 41.28 Steep, short spur, slopes N.; descend 105 ft. over E. slope.
- 45.30 Squaw Canyon, wash 35 lks. wide in bottom, course N. for 3.50 chs., thence NW.; ascend 34 ft. over W. slope.
- 47.10 Spur, slopes N.; descend 12 ft. over NE. slope.
- 48.80 Wash, course NW., 3.00 chs. to junction with main wash; ascend 30 ft. over W. slope.
- 52.20 Spur, slopes S.; descend gradually.
- 53.90 Same wash, 20 lks. wide, course SW.; ascend 5 ft.
- 54.50 Foot of spur, slopes from E.; ascend 170 ft. along top of spur.
- 64.75 Top of spur, slopes W., from S. 70° E.; ascend 82 ft. along steep N. slope.
- 79.75 Top of limestone ledge, 12 ft. high, faces N.; continue ascent along N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 1, 2, 35 and 36, with brass cap mkd.

T35N R14W

S 35 | S 36

S 2 | S 1

T34N

1939

from which

A piñon pine, 6 ins. diam., bears N. 22° E., 82 lks. dist., marked T 35 N R 14 W S 36 B T.

A piñon pine, 7 ins. diam., bears S. 44° E., 86 lks. dist., marked T 34 N R 14 W S 1 B T.

A juniper, 5 ins. diam., bears S. 72° W., 206 lks. dist., marked T 34 N R 14 W S 2 B T.

A piñon pine, 10 ins. diam., bears N. 73° W., 83 lks. dist., marked T 35 N R 14 W S 35 B T.

Land, mountainous.

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

Timber, piñon pine and juniper; undergrowth, sagebrush, oakbrush, algerita and cacti.

S. 89° 55' E., bet. secs. 1 and 36.

Over mountainous land, through scattering timber and dense undergrowth; ascend 80 ft. along steep N. slope.

11.00 Spur, slopes S. 80° W.; descend 35 ft. over broken SE. slope.

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

Chains.

$$\frac{1}{4} \begin{array}{l} \text{S } 36 \\ \text{S } 1 \end{array}$$

1939

from which

A juniper, 6 ins. diam., bears S. 42° W., 43 lks. dist., marked $\frac{1}{4}$ S 1 B T.

A juniper, 9 ins. diam., bears N. 20° W., 30 lks. dist., marked $\frac{1}{4}$ S 36 B T.

Descend 29 ft. over SE. slope.

58.40 Wash, 15 lks. wide, course SW.; ascend 128 ft. over broken SW. slope.

80.00 The cor. of Tps. 34 and 35 N., Rs. 13 and 14 W., as evidenced by an iron post, 3 ins. diam., 36 ins. above ground, firmly supported in a mound of stone to top, marked and witnessed as described in the official record.

Land, rolling and mountainous.

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

Timber, piñon pine and juniper; undergrowth, sagebrush, oakbrush, cacti and algerita.

Subdivision of T. 34 N., R. 14 W.

Commence the subdivisional survey at the cor. of secs. 1, 2, 35 and 36, as evidenced by an iron post, 2 ins. diam., 12 ins. above ground, marked and witnessed as described in the official record.

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

Over rolling land, through heavy timber and dense undergrowth; ascend 87 ft. over broken SW. slope.

29.76 Top of flat ridge, bears NW. and SE.; descend 17 ft. over NE. slope.

33.90 Head of drain, course E.; ascend 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 mkd.

$$\frac{1}{4} \begin{array}{l} \text{S } 35 \mid \text{S } 36 \\ 1940 \end{array}$$

from which

A pinyon pine, 10 ins. diam., bears N. $16\frac{1}{2}^{\circ}$ E., 171 lks. dist., marked $\frac{1}{4}$ S 36 B T.

A juniper, 7 ins. diam., bears S. $13\frac{1}{2}^{\circ}$ W., 233 lks. dist., marked $\frac{1}{4}$ S 35 B T.

Chains.

Over flat top of spur.

- 40.10 Flat topped spur, slopes E.; descend gradually.
- 43.56 S. rim of Pigeon Canyon, bears E. and W.; descend 287 ft. over steep N. slope..
- 55.74 Bottom of Pigeon Canyon, wash, 100 lks. wide, course S. 80° W.; ascend 244 ft. over steep, rocky S. slope.
- 60.60 N. rim of Pigeon Canyon, bears E. and W.; thence over rolling mesa.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, to bedrock; and in a mound of stone to top, for the cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

T34N R14W

S 26	S 25
S 35	S 36

1940

from which

A juniper, 12 ins. diam., bears N. 48 $\frac{1}{2}$ ° E., 364 lks. dist., marked T 34 N R 14 W S 25 B T.

A juniper, 10 ins. diam., bears S. 74 $\frac{1}{2}$ ° E., 191 lks. dist., marked T 34 N R 14 W S 36 B T.

A juniper, 6 ins. diam., bears S. 35 $\frac{1}{2}$ ° W., 169 lks. dist., marked T 34 N R 14 W S 35 B T.

A juniper, 14 ins. diam., bears N. 63° W., 117 lks. dist., marked T 34 N R 14 W S 26 B T.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush, cliff rose and cacti.

N. 89° 56' E., on a random line, bet. secs. 25 and 36.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect E. bdy. of Tp., at the cor. of secs. 25, 30, 31 and 36, as evidenced by an iron post, 2 ins. diam., 12 ins. above ground, marked and witnessed as described in the official record.
- Thence
- S. 89° 56' W., on true line, bet. secs. 25 and 36.
- Over rolling land, through scattering timber, descend 21 ft. over NW. slope.
- 4.60 Wash, 20 lks. wide, course SW.; ascend 40 ft. over broken SE. slope.
- 8.85 Grand Gulch, Pigeon Canyon road, bears N. and S.; continue ascent gradually over SE. slope.
- 19.70 Spur, slopes S.; descend 20 ft. over rolling land.

Chains.	
24.67	Wash, 5 lks. wide, course SW.; ascend 25 ft. along S. slope.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, overacross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{l} S 25 \\ S 36 \end{array}$
	1940
	<p style="text-align: right;">from which</p> A juniper, 10 ins. diam., bears N. $39\frac{3}{4}^{\circ}$ E., 335 lks. dist., marked $\frac{1}{4}$ S 25 B T.
	A juniper, 10 ins. diam., bears S. $33\frac{1}{2}^{\circ}$ E., 34 lks. dist., marked $\frac{1}{4}$ S 36 B T.
	From the $\frac{1}{4}$ sec. cor., Wiggins cabin bears S. 35° E.
	Ascend gradually.
40.72	Spur, slopes S.; descend 91 ft. over W. slope.
49.63	Wash, 15 lks. wide; in bottom of ravine, course SW.; over bottom land.
52.13	Wash, 15 lks. wide; in bottom same ravine, course S., 50 lks. to junction with above wash. Ascend 149 ft. over E. slope.
63.02	Wiggins cabin bears S. $50^{\circ} 20'$ E.
80.02	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, rocky, 4th. rate. Timber, juniper and pinyon pine; undergrowth, blackbrush, cliff rose and cacti.
	N. $0^{\circ} 01'$ W., bet. secs. 25 and 26.
	Over rolling land, through scattering timber and undergrowth; ascend 19 ft. to
14.19	Top of small knoll; descend 23 ft. over gradual N. slope.
33.57	Drain, 6 lks. wide, course E.; continue over rolling land
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, overacross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{l} S 26 \\ S 25 \end{array}$
	1940
	from which
	A juniper, 24 ins. diam., bears N. $41\frac{3}{4}^{\circ}$ E., 105 lks. dist., marked $\frac{1}{4}$ S 25 B T.
	A juniper, 24 ins. diam., bears S. $74\frac{1}{4}^{\circ}$ W., 110 lks. dist., marked $\frac{1}{4}$ S 26 B T.

Chains.

Ascend 19 ft. along gradual SE. slope.

63.20 Rocky spur, slopes NE.; descend 43 ft. over broken NW. slope.

78.80 Slope changes to N.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 23, 24, 25 and 26, with brass cap mkd.

T34N R14W

S 23	S 24
S 26	S 25

S 26 | S 25

1940

from which

A juniper, 10 ins. diam., bears N. $69\frac{1}{2}^{\circ}$ E., 103 lks. dist., marked T 34 N R 14 W S 24 B T.

A juniper, 10 ins. diam., bears S. $26\frac{1}{2}^{\circ}$ E., 40 lks. dist., marked T 34 N R 14 W S 25 B T.

A juniper, 8 ins. diam., bears S. 53° W., 169 lks. dist., marked T 34 N R 14 W S 26 B T.

A juniper, 14 ins. diam., bears N. $73\frac{1}{2}^{\circ}$ W., 126 lks. dist., marked T 34 N R 14 W S 23 B T.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush, and cacti.

N. $89^{\circ} 56'$ E., on a random line, bet. secs. 24 and 25.

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

80.06 Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs. 19, 24, 25 and 30. as evidenced by an iron post, 2 ins. diam., 20 ins. above ground, supported in a mound of stone to top, marked and witnessed as described in the official record.

Thence

S. $89^{\circ} 54'$ W., on true line, bet. secs. 24 and 25.

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

3.18 Bottom of shallow canyon, 25 lks. wide, course S., from NE. Junction with main canyon 5 chs. S.; ascend gradually.

4.61 Spur, slopes SW.; descend 37 ft. over NW. slope.

17.40 Wash, 15 lks. wide, 5 ft. deep, course SW.; ascend gradually.

21.70 Spur, slopes SW.; descend 23 ft. over SW. slope.

27.19 Wash, 10 lks. wide, course SW.; ascend 51 ft. over SE. slope.

Chains.

36.68 Spur, slopes SW.; descend gradually.

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

$\frac{1}{4}$ S 24
S 25

1940

from which

A juniper, 8 ins. diam., bears S. $1\frac{1}{2}^{\circ}$ E., 117 lks. dist., marked $\frac{1}{4}$ S 25 B T.

A juniper, 8 ins. diam., bears N. 72° W., 156 lks. dist., marked $\frac{1}{4}$ S 24 B T.

Descend 35 ft. over broken SW. slope.

44.86 Ravine, course SW.; continue descent.

52.53 Grand Gulch, Pigeon Canyon road, bears NW. and SE.

53.63 Same ravine, course NW.; ascend 18 ft. over E. slope.

65.02 Spur, near point, slopes N.; descend 53 ft. over W. slope.

72.46 Draw, 5 lks. wide, course NW.; ascend 20 ft. along N. slope.

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

Land, rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine.

Undergrowth, blackbrush, cacti and cliff rose.

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

Over rolling land, through scattering timber and dense low undergrowth; descend 48 ft. over N. slope.

7.74 Wash, 10 lks. wide, course W.; thence over rolling land.

8.34 Grand Gulch, Pigeon Canyon road, bears E. and W.

15.00 Small drain, course W.; continue over rolling land.

21.94 Wash, 20 lks. wide, course W.; ascend 56 ft. over S. slope.

28.00 Spur, slopes SW.; descend gradually.

32.10 Ravine, course SW.; thence over rolling land.

38.92 Low spur, slopes SW.; descend gradually.

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

$\frac{1}{4}$
S 23 | S 24

1940

from which

Chains.

A juniper, 10 ins. diam., bears S. $41\frac{1}{2}^{\circ}$ E., 137 lks. dist., marked $\frac{1}{4}$ S 24 B T.

A juniper, 4 ins. diam., bears N. $60\frac{1}{2}^{\circ}$ W., 118 lks. dist., marked $\frac{1}{4}$ S 23 B T.

Descend 12 ft. over NW. slope.

45.00 Drain, course W., ascend 49 ft. over broken SE. slope.

50.00 Spur, slopes SW.; continue ascent 44 ft.

54.97 Spur, slopes W., from NE.; descend 12 ft. over N. slope.

56.46 Head of gulch, course W.; ascend gradually.

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

65.00 Small drain, course W.; ascend gradually.

65.88 Spur, slopes W.; descend 14 ft. over NW. slope.

69.17 Wash, 10 lks. wide, course W.; ascend 17 ft. over S. slope.

78.87 Spur, slopes W.; descend 13 ft. over N. slope.

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

T34N R14W	
S 14	S 13
S 23	S 24
1940	

from which

A pinyon pine, 8 ins. diam., bears N. 41° E., 61 lks. dist., marked T 34 N R 14 W S 13 B T.

A juniper, 10 ins. diam., bears S. 77° E., 278 lks. dist., marked T 34 N R 14 W S 24 B T.

A juniper, 10 ins. diam., bears S. $66\frac{3}{4}^{\circ}$ W., 253 lks. dist., marked T 34 N R 14 W S 23 B T.

A pinyon pine, 10 ins. diam., bears N. $69\frac{3}{4}^{\circ}$ W., 52 lks. dist., marked T 34 N R 14 W S 14 B T.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush and cacti.

N. $89^{\circ} 54'$ E., on a random line, bet. secs. 13 and 24.

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

80.10 Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 13, 18, 19 and 24, as evidenced by a limestone 6x18 ins., 6 ins. above ground, marked and witnessed as described in the official record.

Thence

Chains.

S. 89° 51' W., on true line, bet. secs. 13 and 24.

Over rolling and broken land, through scattering timber and undergrowth; descend 44 ft. over NW. slope.

1.40 Head of gulch, course SW.; ascend 19 ft. over SE. slope.

3.45 Spur, slopes SW.; descend 32 ft. over NW. slope.

4.96 Wash, 25 lks. wide, course SW.; ascend 20 ft. over SE. slope.

8.45 Ridge, bears NE. and SW.; descend 161 ft. over NW. slope.

15.30 Ravine, 10 lks. wide, course SW.; ascend gradually.

19.32 Top of spur, slopes SW.; descend over W. slope.

24.10 Ravine, course SW.; ascend gradually.

26.10 Point of spur, slopes SW.; descend 48 ft. over W. slope.

34.90 Ravine, 20 lks. wide, course S., from NE.; ascend 25 ft. over SE. slope.

35.72 Spur, slopes SW.; descend 25 ft. over SW. slope.

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

$$\frac{1}{4} \begin{array}{l} S 13 \\ S 24 \end{array}$$

1940

from which

A juniper, 8 ins. diam., bears N. 21° W., 274 lks. dist., marked $\frac{1}{4}$ S 13 B. T.

A juniper, 6 ins. diam., bears S. 81 $\frac{1}{2}$ ° W., 300 lks. dist., marked $\frac{1}{4}$ S 24 B. T.

Thence over rolling land.

44.10 Ravine, 20 lks. wide, 4 ft. deep, course SW.; continue over rolling land.

49.45 Wash, 10 lks. wide, course SW.; ascend gradually.

52.80 Spur, slopes W., from NE.; descend 58 ft. over spur.

66.67 Leave spur, slopes SW., from E.; descend 89 ft. along N. slope.

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

Land, broken.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush.

N. 0° 01' W., bet. secs. 13 and 14.

Over rolling land, through scattering timber and dense undergrowth; descend 47 ft. over N. slope.

Chains.

- 2.90 Shallow canyon, wash 10 lks. wide in bottom, course W.; ascend 103 ft. over S. slope.
- 14.70 Spur, slopes S. 60° W.; descend 23 ft. over NW. slope.
- 19.55 Canyon, near head, wash 25 lks. wide in bottom, course SW.; ascend 37 ft. over SE. slope.
- 23.40 Spur, slopes W.; descend 87 ft. over N. slope.
- 35.10 Canyon, wash in bottom 15 lks. wide, course SW. from E.; ascend 112 ft. over S. 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.

 $\frac{1}{4}$

S 14 | S 13

1940

from which

A juniper, 6 ins. diam., bears N. 27° E., 191 lks. dist., marked $\frac{1}{4}$ S 13 B T.

A juniper, 6 ins. diam., bears N. 78 $\frac{1}{2}$ ° W., 314 lks. dist., marked $\frac{1}{4}$ S 14 B T.

Ascend 8 ft. over S. slope.

- 42.30 Spur, slopes SW.; descend 85 ft. over general N. slope.
- 52.92 Drain, course W.; ascend 23 ft. over S. slope.
- 57.91 Spur, slopes W.; descend 24 ft. over N. slope.
- 65.91 Ravine, course W., ascend gradually over SW. slope.
- 70.81 Ridge, divide of drainage, bears NW. and SE.; descend 61 ft. over NE. slope.
- 76.91 Ravine, near head, course NW.; ascend gradually.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, to bedrock, with granite stone, 2x3x2 ins. marked X deposited at the base and in a mound of stone to top, for the cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

T34N R14W

S 11 | S 12

S 14 | S 13

1940

from which

A juniper, 10 ins. diam., bears N. 16 $\frac{1}{2}$ ° E., 247 lks. dist., marked T 34 N R 14 W S 12 B T.

A juniper, 8 ins. diam., bears S. 66° E., 107 lks. dist., marked T 34 N R 14 W S 13 B T.

A juniper, 14 ins. diam., bears S. 65° W., 116 lks. dist., marked T 34 N R 14 W S 14 B T.

A juniper, 10 ins. diam., bears N. 52° W., 127 lks. dist., marked T 34 N R 14 W S 11 B T.

Chains.	
	Land, rolling and broken. Soil, rocky, 4th. rate. Timber, juniper and pinyon pine; undergrowth, blackbrush, Spanish dagger and cacti.
	N. 89° 51' E., on a random line, bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.30	Intersect E. bdy. of Tp. 21 lks. N. of the cor. of secs. 7, 12, 13 and 18, as evidenced by an iron post, 2 ins. diam., 12 ins. above ground, marked and witnessed as de- scribed in the official record.
	Thence
	West, on true line, bet. secs. 12 and 13.
	Over rolling land, through scattering timber and dense low undergrowth; descend 29 ft. over SW. slope.
1.74	Shallow canyon, course N. 15° W.; ascend 58 ft. over NE. slope.
9.53	Spur, slopes NW.; descend 204 ft. over SW. slope.
20.70	Drain, course NW.; ascend gradually.
25.40	Spur, slopes NW.; descend 32 ft. over SW. slope.
28.58	Wash, 15 lks. wide, course NW.; ascend gradually.
30.38	Spur, slopes NW.; descend 80 ft. over SW. slope.
40.15	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \text{ S } 12 \\ \hline \text{S } 13 \end{array}$
	1940
	from which
	A juniper, 12 ins. diam., bears S. 1 $\frac{1}{2}$ ° E., 222 lks. dist., marked $\frac{1}{4}$ S 13 B T.
	A juniper, 6 ins. diam., bears N. 26° W., 260 lks. dist., marked $\frac{1}{4}$ S 12 B T.
	Descend 28 ft. over SW. slope.
41.04	Wash, 15 lks. wide, course NW.; ascend 33 ft. over broken NE. slope.
45.14	Wash, 15 lks. wide, course NE.; continue ascent.
57.07	Spur, slopes NW.; descend 50 ft. over SW. slope.
60.00	Drain, course NW.; ascend gradually.
74.00	Spur, slopes NW.; descend 15 ft. over SW. slope.
80.30	The cor. of secs. 11, 12, 13 and 14.

Chains.

Land, rolling and broken.
Soil, rocky, 4th. rate.
Timber, scattering juniper and pinyon pine; undergrowth,
blackbrush, cliff rose and cacti.

N. 0° 01' W., bet. secs. 11 and 12.

Over rolling land, through heavy timber and dense, low undergrowth; descend 56 ft. over broken N. slope.

30.36 Drain, course NW.; ascend gradually.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 11 | S 12
 1940

from which

A juniper, 10 ins. diam., bears S. 50 $\frac{1}{2}$ ° E., 41 lks. dist., marked $\frac{1}{4}$ S 12 B T.

A juniper, 8 ins. diam., bears N. 35 $\frac{1}{4}$ ° W., 32 lks. dist., marked $\frac{1}{4}$ S 11 B T.

Continue over rolling land.

54.10 Descend 31 ft. over NE. slope.

59.38 Wash, 10 lks. wide, course NW.; ascend gradually.

71.48 Ridge, bears N. 55° W. and S. 55° E.; descend 11 ft. along broken E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 1, 2, 11 and 12, with brass cap mkd.

T34N R14W

S 2 | S 1
 S 11 | S 12

1940

from which

A pinyon pine, 8 ins. diam., bears N. 39° E., 90 lks. dist., marked T 34 N R 14 W S 1 B T.

A pinyon pine, 6 ins. diam., bears S. 25° E., 42 lks. dist., marked T 34 N R 14 W S 12 B T.

A juniper, 5 ins. diam., bears S. 41 $\frac{1}{4}$ ° W., 69 lks. dist., marked T 34 N R 14 W S 11 B T.

A pinyon pine, 12 ins. diam., bears N. 47 $\frac{1}{4}$ ° W., 75 lks. dist., marked T 34 N R 14 W S 2 B T.

Chains.

Land, rolling.
Soil, gravelly and rocky; 3rd. and 4th. rates.
Timber, juniper and pinyon pine; undergrowth, blackbrush,
sagebrush, cliff rose and cacti.

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

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

80.30 Intersect E. bdy. of TP., 18 lks. N. of the true point for the cor. of secs. 1, 6, 7 and 12; the witness cor. for the cor. of secs. 1, 6, 7 and 12 being set 1.00 ch. N. of true point, as evidenced by an iron post, 2 ins. diam., 20 ins. above ground, firmly supported in a mound of stone to top, marked and witnessed as described in the official record.

Thence from true point for cor.

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

Over rolling and broken land, descend gradually over W. slope.

0.47 Gulch, course N. 10° W.; ascend 98 ft. over NE. slope.

10.65 Spur, slopes NW.; descend 18 ft. over SW. slope.

14.04 Drain, near head, course N. 70° W.; ascend 18 ft. over NE. slope.

18.13 Spur, slopes NW.; descend 102 ft. over SW. slope.

23.98 Small canyon, course NW.; ascend 71 ft. over NE. slope.

40.15 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 mkd.

$$\frac{1}{4} \begin{array}{l} S \ 1 \\ S \ 12 \end{array}$$

1940

from which

A juniper limb, 6 ins. diam., bears S. 77° W., 413 lks. dist., marked $\frac{1}{4}$ S 12 B T.

A juniper, 4 ins. diam., bears N. 2° W., 103 lks. dist., marked $\frac{1}{4}$ S 1 B T.

Cor. is located on top of spur, sloping NW.

Descend 103 ft. over broken SW. slope.

47.90 Head of drain, course N. 85° W.; continue descent.

54.91 Drain, near head, course NW.; ascend 8 ft. over NE. slope.

58.30 Spur, slopes NW.; descend 77 ft. over SW. slope.

70.26 S. Fork of Squaw Canyon, wash 20 lks. wide, banks 3 ft. high, in bottom, course N. 10° W.; ascend 147 ft. over steep E. slope.

Chains.

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

Land, rolling and broken.

Soil, rocky, 4th. rate.

Timber, scattering juniper and pinyon pine; undergrowth, blackbrush and Spanish dagger.

N. 0° 01' W., on a random line, bet. secs. 1 and 2.

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

78.46 Intersect N. bdy. of Tp., 30 lks. W. of the cor. of secs. 1, 2, 35 and 36.

Thence

S. 0° 12' W., on true line, bet. secs. 1 and 2.

Over rolling land, through scattering timber and undergrowth; ascend 29 ft. over N. slope.

3.06 Spur, slopes E.; descend 232 ft. over steep S. slope.

22.68 Wash, 10 lks. wide, course W.; ascend gradually.

24.68 Spur, slopes W.; descend 43 ft. over S. slope.

26.75 E. Fork of Squaw Canyon, wash 20 lks. wide in bottom, course W.; ascend 82 ft. over N. slope.

33.46 Spur, slopes NW.; descend gradually.

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

$$\begin{array}{c} \frac{1}{4} \\ S\ 2 \mid S\ 1 \\ 1940 \end{array}$$

from which

A juniper, 10 ins. diam., bears S. 30° E., 28 lks. dist., marked $\frac{1}{4}$ S 1 B T.

A juniper, 6 ins. diam., bears N. 82° W., 93 lks. dist., marked $\frac{1}{4}$ S 2 B T.

Descend 33 ft. over S. slope.

44.95 South Fork of Squaw Canyon, wash 25 lks. wide in bottom, course NW.; continue over rolling land.

57.04 South Fork of Squaw Canyon, wash 25 lks. wide in bottom, course NE.; continue over rolling land.

61.44 South Fork of Squaw Canyon, wash 25 lks. wide in bottom, course NW.; ascend 186 ft. over NE. slope.

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

Land, rolling and broken.

Soil, rocky, 4th. rate.

Timber, scattering juniper and pinyon pine; undergrowth, sagebrush, blackbrush and Spanish dagger.

Chains.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of Tp., as evidenced by an iron post, 2 ins. diam., 26 ins. above ground, firmly supported in a mound of stone to top, marked and witnessed as described in the official record.

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

Over rolling land, through scattering timber and dense undergrowth; descend 21 ft.

18.68 Set flag for triangulation.

19.84 S. rim of Pigeon Canyon, bears NE. and SW.; descend 426 ft. over cliffs and rocks on broken N. slope.

38.00 Wash, 50 lks. wide, course W., in bottom of Pigeon Canyon; thence over rocky wash land in bottom of canyon.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on insecure ground in bottom of canyon.

Continue over wash land.

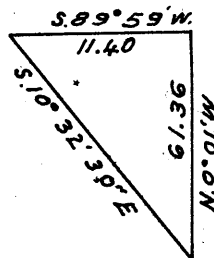
42.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 34 | S 35
W C
1940

raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

From the witness $\frac{1}{4}$ sec. cor., to obtain measurement over precipitous cliffs, impracticable to chain, set flag ahead on line; from which auxiliary flag bears S. $89^{\circ} 59' W.$, 11.40 chs. dist., the longest base obtainable; from auxiliary flag the flag at 18.68 ch. point on line bears S. $10^{\circ} 32' 30'' E.$; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. on true line 18.68 chs.

Dist. by triangulation 61.36 chs.

80.04

Dist. by return measurement ..04

80.00

50.00 (Approximate dist.) Point of spur, cliff 100 ft. high to S., thence along broken N. rim of Pigeon Canyon.

55.00 (Approximate dist.) Head of gulch, course W.; continue a along broken N. rim of Pigeon Canyon.

60.00 (Approximate dist.) Top of spur, from NE.; descend 240 ft. over cliffs.

Subdivision of T. 34 N., R. 14 W.

Chains.

- 69.65 (Approximate dist.) Bottom of side canyon, course W.; ascend over cliffs on N. rim of canyon,
- 76.00 (Approximate dist.) N. rim of Pigeon Canyon, bears NW. and SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 26, 27, 34 and 35, with brass cap mkd.

T34N R14W

S 27 | S 26

S 34 | S 35

1940

from which

A juniper, 5 ins. diam., bears N. 17° E., 528 lks. dist., marked T 34 N R 14 W S 26 B T.

A juniper, 10 ins. diam., bears S. 48° E., 196 lks. dist., marked T 34 N R 14 W S 35 B T.

A juniper, 8 ins. diam., bears S. 37½° W., 692 lks. dist., marked T 34 N R 14 W S 34 B T.

A juniper, 8 ins. diam., bears N. 22½° W., 467 lks. dist., marked T 34 N R 14 W S 27 B T.

Land, rolling and mountainous.

Soil, rocky, 4th. rate.

Timber, scattering juniper; undergrowth, blackbrush and Spanish dagger.

N. 89° 56' E., on a random line, bet. secs. 26 and 35.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S line, 3 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence

S. 89° 55' W., on true line, bet. secs. 26 and 35.

Over rolling land, through scattering timber and undergrowth.

15.00 Ascend 62 ft. over gradual SE. slope.

30.00 Top of knoll, on bend in spur, slopes NW. from NE.; descend 23 ft. over W. slope.

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

¼ $\frac{S\ 26}{S\ 35}$

1940

from which

Chains.

A juniper, 6 ins. diam., bears N. $6\frac{1}{2}^{\circ}$ E., 88 lks. dist., marked $\frac{1}{4}$ S 26 B T.

A juniper, 12 ins. diam., bears S. 83° W., 83 lks. dist., marked $\frac{1}{4}$ S 35 B T.

Ascend 71 ft. over E. slope.

51.84 Spur, slopes SW.; descend 42 ft. over W. slope.

61.80 Bottom of descent, ascend 19 ft. over SE. slope.

68.70 Spur, slopes SW.; descend 23 ft. over gradual, general W. slope.

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

Land, rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush and Spanish dagger.

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

Over open, rolling land, through dense undergrowth.

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

$\frac{1}{4}$
 S 27 | S 26
 1940

Continue over rolling land.

40.52 Upper rim of N. Fork of Pigeon Canyon, bears NE. and SW.; descend 428 ft. over NW. slope.

57.75 Wash, 20 lks. wide, in bottom of Pigeon Canyon, course from NE. to W. 10 chs. to junction with main wash; continue over rolling and broken bottom of canyon.

63.41 Main wash, 20 lks. wide, in bottom of N. Fork of Pigeon Canyon, course SW.; continue over bottom of canyon.

69.20 Same wash, course SE.; ascend 133 ft. over general SW. slope.

76.13 Spur, slopes W., from NE.; descend 45 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 22, 23, 26 and 27, with brass cap mkd.

T34N R14W
 S 22 | S 23
 S 27 | S 26
 1940

Land, rolling and mountainous.

Soil, rocky, 4th. rate.

Timber, none; undergrowth, blackbrush and Spanish dagger.

Chains.	<p>N. 89° 55' E., on a random line, bet. secs. 23 and 26.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>80.02 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 23, 24, 25 and 26.</p> <p>Thence</p> <p>S. 89° 57' W., on true line, bet. secs. 23 and 26.</p> <p>Over rolling and broken land, through scattering timber and undergrowth; descend 12 ft. along N. slope.</p> <p>4.00 Wash, 20 lks. wide, course NW.; ascend gradually.</p> <p>8.50 Spur, slopes NE.; descend 70 ft. over general W. slope.</p> <p>20.42 Bottom of small canyon, course NW.; ascend 3 ft.</p> <p>28.00 Top of ascent; descend 45 ft. over NW. slope.</p> <p>40.01 Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> $\frac{1}{4} \frac{S\ 23}{S\ 26}$ </div> <p style="text-align: center; margin: 5px 0;">1940</p> <p style="text-align: right; margin: 5px 0;">from which</p> <p style="margin-left: 40px;">A juniper, 8 ins. diam., bears S. 12$\frac{1}{2}$° E., 99 lks. dist., marked $\frac{1}{4}$ S 26 B T.</p> <p style="margin-left: 40px;">A juniper, 6 ins. diam., bears N. 65$\frac{1}{2}$° W., 237 lks. dist., marked $\frac{1}{4}$ S 23 B T.</p> <p>Descend 18 ft. over W. slope.</p> <p>43.63 Wash, 15 lks. wide, in head of canyon, course S.; ascend 94 ft. over SE. slope.</p> <p>53.88 Top of flat spur, slopes SW.; descend 59 ft. over NW. slope.</p> <p>66.25 Head of canyon, course SW.; ascend gradually over SE. slope.</p> <p>72.35 Spur, slopes SW.; descend 53 ft. over W. slope.</p> <p>78.58 Rim of N. Fork of Pigeon Canyon, bears N. and S.; continue descent 70 ft. over NW. slope.</p> <p>80.02 The cor. of secs. 22, 23, 26 and 27.</p> <p>Land, rolling and broken. Soil, rocky, 4th. rate. Timber, juniper and pinyon pine; undergrowth, blackbrush and Spanish dagger.</p> <hr style="border: 0.5px solid black; margin: 10px 0;"/> <p>N. 0° 01' W., bet. secs. 22 and 23.</p> <p>Over heavily rolling land, through heavy timber and dense undergrowth; ascend 107 ft. over W. slope, along rim of canyon.</p>
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Chains.

- 9.63 Point of spur, slopes SW.; descend 59 ft. over NW. slope.
- 16.77 Wash, 20 lks. wide, course SW., in bottom of N. Fork of Pigeon Canyon; ascend 61 ft. along general E. slope.
- 22.64 Top of ascent; descend 22 ft. along E. slope. Wash 1.00 ch. E. of line.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 22 | S 23
 1940

from which

A juniper, 16 ins. diam., bears N. $74\frac{1}{2}^{\circ}$ E., 49 lks. dist., marked $\frac{1}{4}$ S 23 B T.

A juniper, 8 ins. diam., bears S. 85° W., 5 lks. dist., marked $\frac{1}{4}$ S 22 B T.

Descend 17 ft. along E. slope.

- 46.50 Grand Gulch to Pigeon Springs road, bears E. and W.
- 61.39 Wash, 10 lks. wide, course SE.; ascend 12 ft. over rolling land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 14, 15, 22 and 23, with brass cap mkd.

T34N R14W

S 15 | S 14
 S 22 | S 23
 1940

from which

A juniper, 18 ins. diam., bears N. $53\frac{1}{2}^{\circ}$ E., 100 lks. dist., marked T 34 N R 14 W S 14 B T.

A juniper, 12 ins. diam., bears S. 55° E., 63 lks. dist., marked T 34 N R 14 W S 23 B T.

A juniper, 5 ins. diam., bears S. $40\frac{1}{2}^{\circ}$ W., 31 lks. dist., marked T 34 N R 14 W S 22 B T.

A juniper, 12 ins. diam., bears N. $80\frac{1}{2}^{\circ}$ W., 126 lks. dist., marked T 34 N R 14 W S 15 B T.

Land, rolling and heavily rolling.

Soil, gravelly, 3rd. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush and Spanish dagger.

Chains.	
	N. 89° 57' E., on true line, bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line, at the cor. of secs. 13, 14, 23 and 24.
	Thence
	S. 89° 57' W., on true line, bet. secs. 14 and 23.
	Over rolling land, through heavy timber and dense undergrowth; descend 92 ft. along general N. slope.
11.48	Shallow canyon, course SW.; ascend 24 ft. over SE. slope.
14.29	Spur, slopes SW.; descend 80 ft. over NW. slope.
28.92	Wash, 15 lks. wide; course SW.; ascend 31 ft. over SE. slope.
35.73	Spur, slopes SW.; descend gradually.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \text{ S } 14 \\ \text{S } 23 \\ \hline 1940 \end{array}$
	from which
	A juniper, 14 ins. diam., bears N. 21° E., 18 lks. dist., marked $\frac{1}{4}$ S 14 B T.
	A juniper, 12 ins. diam., bears S. 72° E., 120 lks. dist., marked $\frac{1}{4}$ S 23 B T.
	Ascend 24 ft. over E. slope.
48.15	Spur, slopes SW.; descend 80 ft. over W. slope.
61.92	Drain, course S., from NE.; thence over rolling bottom of canyon.
63.00	Wash, 15 lks. wide, course S., in bottom of N. Fork of Pigeon Canyon; ascend 63 ft. over E. slope.
69.03	Spur, slopes S. 30° W.; descend 132 ft. over W. slope.
80.06	The cor. of secs. 14, 15, 22 and 23.
	Land, rolling. Soil, rocky, 4th. rate. Timber, juniper and pinyon pine; undergrowth, blackbrush and Spanish dagger.
	N. 0° 01' W., bet. secs. 14 and 15.
	Over rolling land, through heavy timber and dense undergrowth; ascend 71 ft. over SW. slope.
21.76	Spur, slopes SE. for 3.00 chs., thence S.; descend 10 ft. along general E. slope.

Chains.

39.16 Drain, course E.; ascend 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 mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 15 \text{ | S } 14 \\ 1940 \end{array}$$

from which

A juniper, 10 ins. diam., bears S. 49° E., 14 lks. dist., marked $\frac{1}{4}$ S 14 B T.

A juniper, 10 ins. diam., bears N. $76\frac{1}{2}^{\circ}$ W., 33 lks. dist., marked $\frac{1}{4}$ S 15 B T.

Continue over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 10, 11, 14 and 15, with brass cap mkd.

T34N R14W

$$\begin{array}{c} \text{S } 10 \text{ | S } 11 \\ \text{S } 15 \text{ | S } 14 \end{array}$$

1940

from which

A juniper, 6 ins. diam., bears N. $36\frac{1}{4}^{\circ}$ E., 81 lks. dist., marked T 34 N R 14 W S 11 B T.

A juniper, 8 ins. diam., bears S. $25\frac{1}{4}^{\circ}$ E., 140 lks. dist., marked T 34 N R 14 W S 14 B T.

A juniper, 5 ins. diam., bears S. $49\frac{1}{4}^{\circ}$ W., 135 lks. dist., marked T 34 N R 14 W S 15 B T.

A juniper, 8 ins. diam., bears N. $64\frac{1}{4}^{\circ}$ W., 110 lks. dist., marked T 34 N R 14 W S 10 B T.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush and Spanish dagger.

N. $89^{\circ} 57'$ E., on a random line, bet. secs. 11 and 14.

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

80.02 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence

S. $89^{\circ} 59'$ W., on true line, bet. secs. 11 and 14.

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

Chains.

- 1.58 Drain, course NW.; thence along N. slope.
- 9.94 Head of drain, course N.; ascend gradually.
- 12.24 Spur, slopes NW.; descend 20 ft. over W. slope.
- 17.42 Drain, course N.; ascend 98 ft. over E. slope.
- 24.05 Top of knoll, on divide ridge, bears N. 80° W. and SE.; descend 102 ft. along general SW. slope.
- 33.70 Drain, course S.; ascend 98 ft. over general E. slope.
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S 11 \\ S 14 \end{array}$$

1940

from which

A juniper, 4 ins. diam., bears N. 19 $\frac{3}{4}$ ° E., 75 lks. dist., marked $\frac{1}{4}$ S 11 B T.

A juniper, 3 ins. diam., bears S. 76 $\frac{1}{4}$ ° E., 64 lks. dist., marked B T.

Cor. is located on divide ridge, bears NW. and N. 85° E.

Descend 92 ft. over SW. slope.

- 60.72 Wash, 15 lks. wide, in bottom of N. Fork of Pigeon Canyon, course S.; thence over rolling land.
- 75.63 Drain, course SE.; ascend 16 ft. over NE. slope.
- 77.82 Spur, slopes NW.; descend 8 ft. over SW. slope.
- 80.02 The cor: of secs. 10, 11, 14 and 15.
- Land, heavily rolling and rolling.
Soil, rocky, 4th. rate.
Timber, juniper and pinyon pine; undergrowth, blackbrush.

N. 0° 01' W., bet. secs. 10 and 11.

Over rolling land, through heavy timber and dense undergrowth; ascend 8 ft. over SW. slope.

- 1.80 Spur, slopes NW.; descend gradually.
- 22.49 Drain, course W.; continue over rolling land.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S 10 | S 11 \end{array}$$

1940

BOOK 4291

32

Subdivision of T. 34 N., R. 14 W.

Chains.

from which

A juniper, 14 ins. diam., bears S. $25\frac{1}{2}^{\circ}$ E., 31 lks. dist., marked $\frac{1}{4}$ S 11 B T.

A juniper, 10 ins. diam., bears N. 65° W., 55 lks. dist., marked $\frac{1}{4}$ S 10 B T.

Ascend gradually over SW. slope.

44.60 Divide ridge, bears NW. and SE.; descend 25 ft. along E. slope.

52.79 Head of drain, course E.; ascend 17 ft. along broken E. slope.

58.98 Spur, slopes SE.; descend 11 ft. over NE. slope.

62.88 Drain, course SE.; thence along broken E. slope.

73.58 Drain, near head, course SE.; ascend 30 ft. along E. slope.

79.90 Ridge, bears NE. and SW.; descend gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 2, 3, 10 and 11, with brass cap mkd.

T34N R14W

S 3	S 2
S 10	S 11

1940

from which

A juniper, 8 ins. diam., bears N. 24° E., 132 lks. dist., marked T 34 N R 14 W S 2 B T.

A pinyon pine, 12 ins. diam.; bears S. 78° E., 114 lks. dist., marked T 34 N R 14 W S 11 B T.

A juniper, 12 ins. diam., bears S. $35\frac{1}{2}^{\circ}$ W., 220 lks. dist., marked T 34 N R 14 W S 10 B T.

A juniper, 6 ins. diam., bears N. 72° W., 124 lks. dist., marked T 34 N R 14 W S 3 B T.

Land, rolling.

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

Timber, pinyon pine and juniper; undergrowth, blackbrush and Spanish dagger.

N. $89^{\circ} 59'$ E., on a random line, bet. secs. 2 and 11.

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

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

Thence

S. $89^{\circ} 58'$ W., on true line, bet. secs. 2 and 11.

Over rolling land, through scattering timber and under-

Chains.

growth; ascend 30 ft. over E. slope.

- 4.86 Ridge, bears N. 10° W. and S. 10° E.; descend 82 ft. over W. slope.
- 14.59 Wash, 15 lks. wide, course NW.; thence over rolling land.
- 29.58 Wash, 50 lks. wide, course NE.; at junction with washes from S. and SE.; ascend 48 ft. over E. slope.
- 40.02 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.

$\frac{1}{4}$ $\frac{S\ 2}{S\ 11}$

1940

from which

A juniper, 8 ins. diam., bears N. 15° E., 41 lks. dist., marked $\frac{1}{4}$ S 2 B T.

A juniper, 8 ins. diam., bears S. 32 $\frac{1}{2}$ ° E., 79 lks. dist., marked $\frac{1}{4}$ S 11 B T.

Ascend 49 ft. over E. slope.

- 45.95 Top of flat mesa, bears N. and S.; thence over rolling land.
- 62.50 Drain, course SE.; continue over rolling land.
- 67.25 Drain, near head, course SE.; ascend 58 ft. over E. slope.
- 76.60 Ridge, bears NW. and SW.; descend gradually.
- 80.04 The cor. of secs. 2, 3, 10 and 11.

Land, rolling.

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

Timber, juniper and pinyon pine; undergrowth, blackbrush and Spanish dagger.

N. 0° 01' W., on a random line, bet. secs. 2 and 3.

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

- 78.67 Intersect N. bdy. of Tp., 39 lks. W. of the cor. of secs. 2, 3, 34 and 35.

Thence

S. 0° 16' W., on true line, bet. secs. 2 and 3.

Over rolling land, through scattering timber and undergrowth; ascend 20 ft. over N. slope.

- 2.08 Divide ridge, bears E. and W.; descend gradually over rolling top.
- 23.68 Descend 53 ft. over S. slope.
- 38.67 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Chains.

ground, for $\frac{1}{4}$ sec. cor., with brass cap. mkd.

$\frac{1}{4}$
 S 3 | S 2
 1940

from which

A juniper, 12 ins. diam., bears S. $37\frac{1}{2}^{\circ}$ E., 16 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.

A juniper, 6 ins. diam., bears N. 87° W., 42 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

Descend 10 ft. over SE. slope.

- 42.72 Drain, near head, course SW.; ascend gradually along W. slope.
- 47.82 Ridge, bears NE. and SW.; descend 33 ft. over gradual SE. slope.
- 65.60 Drain, near head, course SE.; ascend 32 ft. over NE. slope.
- 70.47 Ridge, bears NW. and SE.; descend 12 ft. along W. slope.
- 78.67 The cor. of secs. 2, 3, 10 and 11.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush, Spanish dagger and cliff rose.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of Tp., as evidenced by an iron post, 2 ins. diam., 30 ins. above ground, firmly supported in a mound of stone to top, with brass cap marked as described in the official record.

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

Over mountainous land, through scattering timber and undergrowth; along W. slope. S. rim of canyon bears N. and S., approximately 6 chs. E. of line.

- 6.07 Spur, slopes NW.; descend 433 ft. over rocky, precipitous N. slope.
- 16.09 Head of canyon, course NW.; ascend 41 ft. over SW. slope.
- 20.91 Top of ascent, bears NW. and SE.; descend 25 ft. over N. slope.
- 22.87 Small canyon, course W.; ascend 116 ft. along W. slope.
- 30.98 Spur, slopes NW.; descend 201 ft. over broken, rocky N. slope.
- 35.91 Wash, 25 lks. wide, in bottom of Pigeon Canyon, course NW. from E. for 2.00 chs., thence from N.; ascend 61 ft. over S. 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.

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 33 \mid \text{S } 34 \\ 1940 \end{array}$$

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

Ascend 43 ft. over S. slope.

48.23 Rocky spur, slopes SW.; ascend 165 ft. along broken W. slope.

61.84 Wash, in bottom of N. Fork Pigeon Canyon, 20 lks. wide, course S. 10° W., ascend 661 ft. over steep, broken SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 27, 28, 33 and 34, with brass cap mkd.

$$\begin{array}{c} \text{T34N R14W} \\ \text{S } 28 \mid \text{S } 27 \\ \hline \text{S } 33 \mid \text{S } 34 \\ 1940 \end{array}$$

Land, mountainous.

Soil, rocky, 4th. rate.

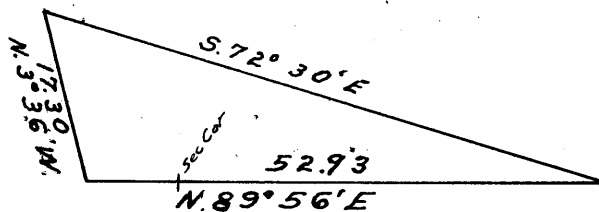
Timber, scattering juniper; undergrowth, blackbrush, Spanish dagger and catclaw.

N. $89^\circ 56'$ E., on a random line, bet. secs. 27 and 34.

To obtain measurement over precipitous cliffs on line, triangulate as follows:-

From the cor. of secs. 27, 28, 33 and 34, set a flag ahead on line; from point on line bet. secs. 28 and 33, S. $89^\circ 56'$ W. 9.80 chs. from cor. secs. 27, 28, 33 and 34, measure a base N. $3^\circ 36'$ W., 17.30 chs., from which flag ahead on line bears S. $72^\circ 20'$ E.

Vertical angle from the cor. of secs. 27, 28, 33 and 34 to flag on line is plus $0^\circ 15'$.



Triangulated dist.	52.93 chs.
Dist. chained bet. secs. 28 and 33	<u>9.80 "</u>
Dist. from cor. secs. 27, 28, 33 and 34	43.13 "
By return measurement	<u>3.13 "</u>
	40.00

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

79.96 Intersect N. and S line, 9 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence

Chains.

West, on true line, bet. secs. 27 and 34.

Over rolling land, through scattering timber and undergrowth.

12.00 Descend 85 ft. over steep W. slope.

14.24 Head of canyon, course S.; ascend 106 ft. over E. slope.

29.63 Flat topped spur, slopes SW.; descend 148 ft. over NW. slope.

36.83 Rocky rim of canyon bears NE. and SW. Continue descent 106 ft. over rocky, cliffy NW. slope.

39.98 Set an iron post, 3 ft. long, 1 in. diam., cover across (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \text{ S } 27 \\ \hline \text{S } 34 \\ 1940 \end{array}$$

Descend 654 ft. over cliffs on rocky NW. slope.

62.00 (Approximate dist.) Bottom of N. Fork of Pigeon Canyon, wash 30 lks. wide, course S. for 3.00 chs.; thence SW.; ascend 539 ft. over rocks and cliffs on broken SE. slope.

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

Land, rolling and mountainous.

Soil, rocky, 4th. rate.

Timber, scattering juniper and pinyon pine; undergrowth, blackbrush and catclaw.

N. $0^{\circ} 02'$ W., bet. secs. 27 and 28.

Over rolling land, through scattering timber and undergrowth; ascend 28 ft. over rocky SE. slope.

2.06 Rim of N. Fork of Pigeon Canyon, bears NE. and SW.; faces SE.; ascend gradually over rolling land.

10.86 Low spur, near point, slopes SW.; continue over rolling land.

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

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 27 \text{ | } \text{S } 28 \\ \hline 1940 \end{array}$$

from which

A juniper, 6 ins. diam.; bears S. $80\frac{1}{2}^{\circ}$ E., 184 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A juniper, 5 ins. diam., bears S. $16\frac{1}{2}^{\circ}$ W., 361 lks. dist., marked $\frac{1}{4}$ S 27 B T.

Continue over rolling land, ascend gradually.

Chains.

- 59.00 Ridge, divide bet. Pigeon and Mine Canyons, bears E. and W.; descend 45 ft. over gradual N. slope.
- 65.20 Powder house of Grand Gulch Mine bears W., 5.00 chs. dist.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 21, 22, 27 and 28, with brass cap mkd.

T34N R14W

S 21 | S 22

S 28 | S 27

1940

from which

A juniper, 10 ins. diam., bears N. 71° E., 194 lks. dist., marked T 34 N R 14 W S 22 B T.

A juniper, 10 ins. diam., bears S. 41° E., 95 lks. dist., marked T 34 N R 14 W S 27 B T.

A juniper, 12 ins. diam., bears S. $46\frac{1}{2}^{\circ}$ W., 127 lks. dist., marked T 34 N R 14 W S 28 B T.

A juniper, 8 ins. diam., bears N. $46\frac{1}{2}^{\circ}$ W., 89 lks. dist., marked T 34 N R 14 W S 21 B T.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, scattering juniper; undergrowth, blackbrush, sagebrush and Spanish dagger.

East, on a random line, bet. secs. 22 and 27.

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

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

Thence

S. $89^{\circ} 59'$ W., on true line, bet. secs. 22 and 27.

Over heavily rolling land, through scattering timber and undergrowth; descend 38 ft. over NW. slope.

- 1.20 Bottom of N. Fork of Pigeon Canyon, wash 20 lks. wide, course SW.; ascend 182 ft. over rocky E. slope.
- 12.98 Rim of N. Fork of Pigeon Canyon, bears NE. and SW.; continue ascent 10 ft.
- 14.67 Spur, slopes SE.; descend 45 ft. over SW. slope.
- 25.87 Canyon, near head; course SE.; ascend 44 ft. over NE. slope.
- 39.97 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.

$$\frac{1}{4} \frac{S 22}{S 27}$$

1940

Chains.

from which

A juniper, 6 ins. diam., bears N. $30\frac{1}{4}^{\circ}$ E., 18 lks. dist., marked $\frac{1}{4}$ S 22 B T.

A juniper, 8 ins. diam., bears S. 35° E., 70 lks. dist., marked $\frac{1}{4}$ S 27 B T.

From the $\frac{1}{4}$ sec. cor., U. S. Mineral Monument No. 1, which is a pine post, 4x6 ins., 9 ft. above ground, set in a mound of stone, marked U.S M M No 1 on northerly face; bears N. $45^{\circ} 41'$ W., 17.22 chs. dist.

Ascend 51 ft. over gradual NE. slope.

69.17 Spur, slopes NW.; descend 53 ft. over gradual SW. slope.

72.06 Shallow drain, course NW.; continue descent.

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

Land, rolling and heavily rolling.

Soil, gravelly, 3rd. rate.

Timber, scattering juniper and pinyon pine; undergrowth, blackbrush and Spanish dagger.

N. $0^{\circ} 02'$ W., bet. secs. 21 and 22.

Over rolling land, through heavy timber and dense low undergrowth; descend 64 ft. over NE. slope.

10.48 Point from which a long brick building bears W., 1.00 ch. dist.

14.25 Bottom of Mine Canyon, course NW.; ascend 38 ft. over SW. slope.

15.13 Intersect S. side line (Line 3-4) of Adams Lode, Lot No. 37, at a point 5.48 chs. N. $69^{\circ} 45'$ E. of cor. No. 4, and 17.25 chs. S. $69^{\circ} 45'$ W. of cor. No. 3, hereinafter described.

Thence across patented mineral claim.

21.05 Center of mine shaft of Grand Gulch Mine, bears W., 30 lks. dist.

24.78 Intersect N. side line (Line 1-6) of Adams Lode, Lot No. 37, at a point 8.81 chs. N. $69^{\circ} 45'$ E. of cor. No. 6 and 13.91 chs. S. $69^{\circ} 45'$ W. of cor. No. 1, hereinafter described.

Leave patented mineral claim.

25.04 Spur, slopes NW.; descend gradually over rolling land.

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

$\frac{1}{4}$
S 21 | S 22

1940

from which

Chains.

A juniper, 4 ins. diam., bears N. $33\frac{1}{2}^{\circ}$ E., 92 lks. dist., marked $\frac{1}{4}$ S 22 B T.

A juniper, 8 ins. diam., bears S. $9\frac{1}{2}^{\circ}$ W., 83 lks. dist., marked $\frac{1}{4}$ S 21 B T.

Descend 51 ft. over N. slope.

- 45.50 Bottom of canyon, course W.; ascend 45 ft. over S. slope.
 50.50 Top of ascent; descend gradually.
 55.00 Bottom of head of canyon, course SW.; ascend 24 ft. over general S. slope.
 67.24 Spur, slopes W.; descend 89 ft. over NW. slope.
 75.24 Bottom of canyon, course NW.; ascend 41 ft. over SW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 15, 16, 21 and 22, with brass cap mkd.

T34N R14W

S 16 | S 15

S 21 | S 22

1940

Cor. is located on rim of canyon, bears N. 80° W. and S. 80° E.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, blackbrush, sagebrush and Spanish dagger.

N. $89^{\circ} 59'$ E., on a random line, bet. secs. 15 and 22.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.
 Thence
 West, on true line, bet. secs. 15 and 22.
 Over rolling land, through heavy timber and medium dense undergrowth.
 14.08 Ungraded road, Grand Gulch to Pigeon Springs, bears NW. and SE.
 32.87 Ungraded road, to Grand Gulch Mine, bears N. and S.
 39.98 Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1940

Chains.

from which

A juniper, 6 ins. diam., bears N. $12\frac{1}{2}^{\circ}$ E., 118 lks. dist., marked $\frac{1}{4}$ S 15 B.T.

A juniper, 6 ins. diam., bears S. $57\frac{1}{2}^{\circ}$ W., 43 lks. dist., marked $\frac{1}{4}$ S 22 B.T.

Ascend 9 ft. over NE. slope.

- 41.02 Low, flat spur, slopes NW.; descend 82 ft. over SW. slope.
 49.59 Head of small canyon, course NW.; thence over rolling land.
 58.39 Descend 79 ft. over N. slope.
 72.82 Thence along rim of canyon; ascend 78 ft.
 79.96 The cor. of secs. 15, 16, 21 and 22.

Land, rolling.

Soil, gravelly, 3rd. rate.

Timber, juniper and pinyon pine; undergrowth, sagebrush, blackbrush, cliff rose and Spanish dagger.

N. $0^{\circ} 02'$ W., bet. secs. 15 and 16.

Over mountainous land, through scattering timber and undergrowth; descend 243 ft. over N. slope.

- 6.81 Bottom of canyon, wash 15 lks. wide, course N. 70° W.; ascend 321 ft. over steep S. slope.
 14.40 Rim of canyon, bears E. and W., faces S.; continue ascent.
 15.49 Spur, slopes W., from NE.; descend 256 ft. over NW. slope.
 30.00 Wash, 15 lks. wide, in bottom of canyon, course SW.; ascend 195 ft. over SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 16 | S 15
 1940
 •

from which

A juniper, 10 ins. diam., bears N. $59\frac{1}{2}^{\circ}$ E., 246 lks. dist., marked $\frac{1}{4}$ S 15 B.T.

A juniper, 10 ins. diam., bears S. 52° W., 173 lks. dist., marked $\frac{1}{4}$ S 16 B.T.

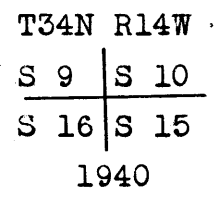
Ascend 10 ft. over limestone ledge, bears NE. and SW.

- 40.84 Top of ledge, continue ascent 107 ft. over SE. slope.
 48.44 Thence over rolling top.
 58.44 Low ridge, divide of drainage bet. Mine Canyon and head of Grand Gulch, bears E. and W. Continue over rolling top.

Subdivision of T. 34 N., R. 14 W.

Chains.

- .67.54 Descend 55 ft. over N. slope.
- 73.09 Canyon, course SW.; ascend 36 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 9, 10, 15 and 16, with brass cap mkd.



from which

A juniper, 8 ins. diam., bears N. 35° E., 21 lks. dist., marked T 34 N R 14 W S 10 B T.

A juniper, 8 ins. diam., bears S. 35° E., 21 lks. dist., marked T 34 N R 14 W S 15 B T.

A juniper, 8 ins. diam., bears S. 60° W., 156 lks. dist., marked T 34 N R 14 W S 16 B T.

A juniper, 8 ins. diam., bears N. 44° W., 195 lks. dist., marked T 34 N R 14 W S 9 B T.

Land, mountainous.
 Soil, rocky, 4th. rate.
 Timber, juniper and pinyon pine; undergrowth, blackbrush, sagebrush, Spanish dagger and cliff rose.

East, on a random line, bet. secs. 10 and 15.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14 and 15.

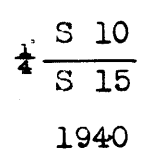
Thence

S. 89° 57' W., on true line, bet. secs. 10 and 15.

Over rolling land, through heavy timber and dense undergrowth.

- 25.54 Ungraded road, bears N. to Grand Gulch and S. to Grand Gulch Mine.

- 40.02 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.



from which

A juniper, 10 ins. diam., bears N. 83° E., 26 lks. dist., marked $\frac{1}{4}$ S 10 B T.

BOOK 4291

42

Subdivision of T. 34 N., R. 14 W.

Chains.

A juniper, 6 ins. diam., bears S. $24\frac{1}{2}^{\circ}$ W., 34 lks. dist., marked $\frac{1}{4}$ S 15 B T.

Ascend 15 ft. over gradual NE. slope.

48.74 Spur, slopes NW.; descend gradually over rolling land.

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

Land, rolling.

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

Timber, juniper and pinyon pine; undergrowth, blackbrush, sagebrush, Spanish dagger and cliff rose.

N. $0^{\circ} 02'$ W., bet. secs. 9 and 10.

Over rolling land, through heavy timber and medium dense undergrowth; ascend gradually.

14.00 Spur, slopes W.; descend 144 ft. over steep N. slope.

20.86 Bottom of Grand Gulch, course W. Road bears W., and E. to Pigeon Springs.

38.90 S. rim of mesa, bears E. and W.; thence across rolling top of mesa.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 9 | S 10

1940

from which

A juniper, 12 ins. diam., bears N. $28\frac{1}{2}^{\circ}$ E., 60 lks. dist., marked $\frac{1}{4}$ S 10 B T.

A juniper, 6 ins. diam., bears S. 51° W., 73 lks. dist., marked $\frac{1}{4}$ S 9 B T.

Continue over rolling top of mesa.

65.00 N. rim of mesa, bears E. and W.; descend 152 ft. over N. slope.

72.89 Bottom of small canyon, course NW.; ascend 13 ft. over SW. slope.

76.45 Top of ascent, bears E. and W.; descend 52 ft. over N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 3, 4, 9 and 10, with brass cap mkd.

T34N R14W

S 4 | S 3
S 9 | S 10

1940

Chains.

Land, rolling and heavily rolling.
Soil, rocky, 4th. rate.
Timber, scattering juniper, Joshua trees and pinyon pine;
undergrowth, blackbrush and Spanish dagger.

N. 89° 57' E., on a random line, bet. secs, 3 and 10.

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

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

Thence

S. 89° 58' W., on true line, bet. secs. 3 and 10.

Over rolling top, through scattering timber and under-
growth.

7.50 Spur, slopes S. 10° W., descend 58 ft. over gradual W.
slope.

36.12 Ravine, course SW.; thence over rolling land.

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

$$\frac{1}{4} \frac{S \ 3}{S \ 10}$$

1940

from which

A juniper, 10 ins. diam., bears S. 30 $\frac{1}{2}$ ° W., 76 lks.
dist., marked $\frac{1}{4}$ S 10 B T.

A juniper, 10 ins. diam., bears N. 77° W., 70 lks.
dist., marked $\frac{1}{4}$ S 3 B T.

Descend 48 ft. over SW. slope.

45.03 Bottom of small canyon, course NW.; ascend 62 ft. over NE.
slope.

56.75 Spur, slopes NW.; descend 172 ft. over SW. slope.

63.98 Wash, 15 lks. wide, in bottom of canyon, course N. 70° W.;
ascend 56 ft. over NE. slope.

69.61 Spur, slopes N.; descend 69 ft. over W. slope.

75.62 Bottom of descent; ascend 15 ft. over E. slope.

78.41 Spur, slopes N.; descend 55 ft. along N. slope.

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

Land, rolling and heavily rolling.
Soil, rocky, 4th. rate.
Timber, scattering juniper and pinyon pine; undergrowth,
blackbrush, Spanish dagger and cliff rose.

Chains.

N. 0° 02' W., bet. secs. 3 and 4.

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

78.84 Intersect N. bdy. of TP., 28 lks. W. of the cor. of secs. 3, 4, 33 and 34.

Thence

S. 0° 10' W., on true line, bet. secs. 3 and 4.

Over mountainous land, through scattering timber and undergrowth; ascend 56 ft. along E. slope of spur.

1.10 Continue ascent 347 ft. over NE. slope.

14.06 Ridge, bears E. and W.; thence over rolling top.

38.84 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.

$\frac{1}{4}$

S 4 | S 3

1940

from which

A juniper, 8 ins. diam., bears N. 83 $\frac{1}{2}$ ° E., 234 lks. dist., marked $\frac{1}{4}$ S 3 B T.

A juniper, 6 ins. diam., bears N. 55 $\frac{1}{2}$ ° W., 237 lks. dist., marked $\frac{1}{4}$ S 4 B T.

Continue over rolling top.

43.50 Descend 184 ft. over S. slope.

64.42 Canyon, course W.; ascend 59 ft. over N. slope.

67.18 Rim of canyon; spur slopes W.; descend 251 ft. over S. slope.

74.54 Bottom of Tank Canyon, wash 15 lks. wide, course N. 80° W.; ascend 98 ft. over N. slope.

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

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, scattering juniper and Joshua trees; undergrowth, Spanish dagger and blackbrush.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of Tp., as evidenced by an iron post, 2 ins. diam., 30 ins. above ground, firmly supported in a mound of stone to top, with brass cap mkd. as described in the official record.

N. 0° 03' W., bet. secs. 32 and 33.

Over mountainous land, through dense undergrowth; ascend 78 ft. along E. side of spur, sloping S.

8.40 N. rim of Pigeon canyon, bears N., from E. Ascend 343 ft. along cliffs on rim. To obtain measurement over these precipitous cliffs, triangulate as follows.

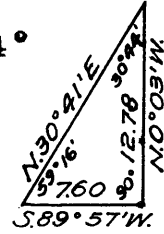
Subdivision of T. 34 N., R. 14 W.

Chains

Set flag ahead on line; auxiliary flag bears S. 89° 57' W., 7.60 chs. dist., from which the flag on line bears N. 30° 41' E.; all bearings checked by direct reading of the solar and all angles checked by deflection.

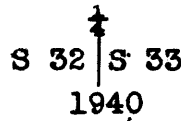
The vertical angle to flag on line is plus 24°

Chained dist. 8.40 chs.
 Triangulated dist. 12.78 chs.
 Total dist. 21.18 chs.



21.18 Rim of Pigeon Canyon, bears N. 5° E., from S.; ascend 322 ft. along rim.

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



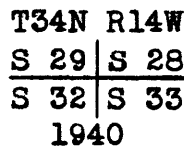
No bearing trees available.

From the cor., the rim of Pigeon Canyon bears NW.; Asc. 52 ft. over rolling mesa land.

69.50 Descend 45 ft. along broken E. slope.

76.65 Head of small canyon, course E.; ascend gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 28, 29, 32 and 33, with brass cap mkd.



Land, rolling.
 Soil, rocky; 4th rate.
 Timber, none; undergrowth, Spanish dagger and blackbrush.

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

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line, at the cor. of secs. 27, 28, 33 and 34

Thence

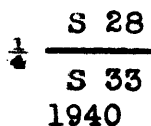
S. 89° 56' W., on true line, bet. secs. 28 and 33.

Over mountainous land, through undergrowth; ascend 12 ft. over rocky SE. slope.

1.40 Rim of N. Fork of Pigeon Canyon, bears NE. and SW.; descend 377 ft. over general W. slope.

27.74 Junction of canyons from N. and NE.; wash in bottom 10 lks. wide, course S.; ascend 294 ft. over E. slope.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.



Subdivision of T. 34 N., R. 14 W.

Chains	
	Ascend 54 ft. over E. slope.
44.90	Spur, slopes SW.; desc 145 ft. over W. slope.
53.84	Wash, 10 lks. wide, in bottom of canyon, course S.; ascend 304 ft. over SE. slope.
73.80	Continue ascent along S. slope of spur.
80.02	The cor. of secs. 28, 29, 32 and 33.
	Land, mountainous. Soil, rocky; 4th rate. Timber, none; undergrowth, Spanish dagger and blackbrush.
	N. 0° 03' W., bet. secs. 28 and 29.
	Over rolling land, through dense undergrowth; ascend gradually.
2.50	Spur, slopes N. 60° E., descend 57 ft. over NW. slope.
8.95	Head of canyon, course N. 40° E. Enter scattering timber, bears NE. and SW. Thence over rolling land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 29 S 28 1940
	from which
	A juniper, 4 ins. diam., bears N. 6 $\frac{1}{2}$ ° E., 173 lks. dist., marked $\frac{1}{4}$ S 28 B T.
	A juniper, 6 ins. diam., bears N. 69° E., 267 lks. dist., marked $\frac{1}{4}$ S 28 B T.
	Ascend 27 ft. over SE. slope.
47.20	Spur, slopes E.; descend 116 ft. over N. slope.
58.98	Wash, 15 lks. wide, in canyon, course SE.; ascend 51 ft. over SW. slope.
72.30	Continue descent 35 ft. along general E. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 20, 21, 28 and 29, with brass cap mkd.
	T34N R14W S 20 S 21 S 29 S 28 1940

Chains.

from which

A juniper, 6 ins. diam., bears N. $25\frac{1}{2}^{\circ}$ E., 199 lks.
dist., marked T 34 N R 14 W S 21 B T.

A juniper limb, 5 ins. diam., bears S. 30° E., 143 lks.
dist., marked T 34 N R 14 W S 28 B T.

A juniper, 8 ins. diam., bears S. $24\frac{1}{2}^{\circ}$ W., 288 lks.
dist., marked T 34 N R 14 W S 29 B T.

A juniper, 4 ins. diam., bears N. 45° W., 377 lks.
dist., marked T 34 N R 14 W S 20 B T.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, scattering juniper; undergrowth, blackbrush, cliff
rose and Spanish dagger.

N. $89^{\circ} 56'$ E., on a random line, bet. secs. 21 and 28.

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

79.98 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
21, 22, 27 and 28.

Thence

S. $89^{\circ} 57'$ W., on true line, bet. secs. 21 and 28.

Over rolling land, through scattering timber and under-
growth; descend 21 ft. along general N. slope.

8.58 Wash, 25 lks. wide, course N.; ascend 34 ft. over E. slope.

10.28 Rim of mesa, bears N. and S.; thence across rolling top of
mesa.

30.05 W. rim of mesa, bears N. and S.; descend 35 ft. over W.
slope.

39.00 Wash, 15 lks. wide, course N., from SW.; ascend 6 ft. over
general E. slope.

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

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

1940

from which

A juniper, 10 ins. diam., bears N. 8° E., 9 lks.
dist., marked $\frac{1}{4}$ S 21 B T.

A juniper, 12 ins. diam., bears S. $71\frac{1}{2}^{\circ}$ E., 78 lks.
dist., marked $\frac{1}{4}$ S 28 B T.

Ascend 154 ft. over E. slope.

51.90 Spur, slopes SE.; descend 12 ft. over SW. slope.

57.00 Bottom of ravine, course SE.; ascend 60 ft. over NE. slope.

BOOK 4291

48

Subdivision of T. 34 N., R. 14 W.

Chains.

65.74 Ridge, divide of drainage bet. Mine and Pigeon Canyons, bears NW. and SE.; descend 26 ft. over SW. slope.

69.47 Canyon, course SE.; ascend 92 ft. over E. slope.

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

Land, rolling and heavily rolling.

Soil, rocky, 4th. rate.

Timber, juniper; undergrowth, blackbrush, sagebrush, cliff rose and Spanish dagger.

N. 0° 03' W., bet. secs. 20 and 21.

Over rolling land, through scattering timber and dense undergrowth.

14.00 Drain, course SE.; ascend gradually.

20.00 Spur, slopes W.; thence over rolling top.

21.70 Bend in ridge, divide of drainage, bears NE. and SE. From bend, spur slopes NW.; descend 64 ft. over N. slope.

30.14 Head of canyon, course NW.; continue descent 17 ft. along W. slope.

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

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 20 \mid \text{S } 21 \\ 1940 \end{array}$$

from which

A juniper, 6 ins. diam., bears S. 56 $\frac{1}{4}$ ° E., 72 lks. dist., marked $\frac{1}{4}$ S 21 B T.

A juniper, 10 ins. diam., bears S. 52 $\frac{1}{2}$ ° W., 36 lks. dist., marked $\frac{1}{4}$ S 20 B T.

Descend 98 ft. along W. slope.

48.48 Bottom of deep canyon, heads 5 chs. E., course W.; ascend 109 ft. over S. slope.

60.40 Spur ridge, bears NW. and SE.; thence along W. slope. Set flag C for triangulation bet. secs. 16 and 21.

72.24 S. rim of Mine Canyon, faces N. Set flag D for triangulation bet. secs. 16 and 17. Descend 246 ft. over cliffs on broken N. slope.

79.50 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for witness cor. of secs. 16, 17, 20 and 21, with brass cap mkd.

$$\begin{array}{c} \text{T34N R14W} \\ \text{W C} \\ \text{S } 17 \mid \text{S } 16 \\ \text{S } 20 \mid \text{S } 21 \\ 1940 \end{array}$$

Chains.

80.00 True point for the cor. of secs. 16, 17, 20 and 21 falls on face of cliff.

Land, rolling and mountainous.

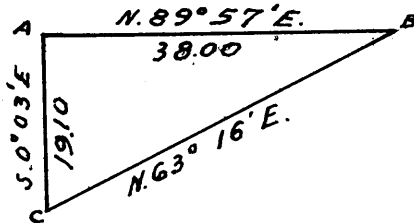
Soil, rocky, 4th. rate.

Timber, scattering juniper; undergrowth, blackbrush, cliff rose and Spanish dagger.

From witness cor., N. 89° 57' E., on a random line, bet. secs. 16 and 21.

To obtain measurement over a series of cliffs along rim of Mine Canyon, triangulate as follows:-

Set a flag on the witness cor. of secs. 16, 17, 20 and 21, and designate this station as A, and a flag N. 89° 57' E. of A designated as B. Use as a base the line bet. secs. 20 and 21, to flag 19.10 chs. S. 0° 03' E. of the witness cor. of secs. 16, 17, 20 and 21, and designate this station as C, from which the flag at B bears N. 63° 16' E.



Triangulated dist. on offset random line is 38.00 chs.; offset 50 lks. N. to random line.

Thence, on random line, bet. secs. 16 and 21.

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

80.04 Intersect N. and S. line, at the cor. of secs. 15, 16, 21 and 22.

Thence

S. 89° 57' W., on true line, bet. secs. 16 and 21.

Over mountainous land, through scattering timber and undergrowth; descend 162 ft. over SW. slope.

6.58 Bottom of canyon, course NW., at junction of canyons from S. and SE.; ascend 185 ft. over NE. slope.

17.17 Spur, slopes NW.; descend 212 ft. over SW. slope.

22.22 Head of small canyon, course NW.; ascend 14 ft. over E. slope.

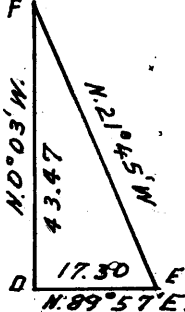
27.51 Top of ascent; descend 252 ft. over W. slope.

35.94 Wash, 20 lks. wide, in bottom of Mine Canyon, course N.; ascend 186 ft. over E. slope.

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

$\frac{1}{4}$ S. 16
S 21

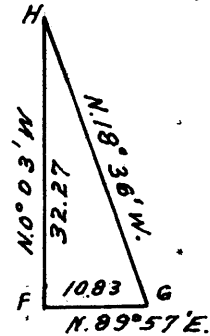
1940

Chains.	
	<p>Cor. is located on spur, slopes N.</p> <p>42.04 Over cliffs along rim of Mine Canyon.</p> <p>54.04 (Approximate dist.) Steep spur, slopes N.</p> <p>60.04 (Approximate dist.) Steep spur, sandstone and limestone ledges, slopes N.; descend 43 ft.</p> <p>66.40 (Approximate dist.) Bottom of descent; ascend approximately 54 ft.</p> <p>73.00 (Approximate dist.) Steep spur, slopes N.; descend 54 ft. along rim.</p> <p>80.04 The true point for the cor. of secs. 16, 17, 20 and 21.</p> <p>Land, mountainous. Soil, rocky, 4th. rate. Timber, scattering juniper; undergrowth, blackbrush.</p>
	<p>N. 0° 03' W., bet. secs. 16 and 17.</p> <p>Over mountainous land, through scattering timber and undergrowth; descend approximately 560 ft. over cliffs on N. slope.</p> <p>From the flag D on line bet. secs. 20 and 21, which is 7.76 chs. S. 0° 03' E. of the true point for the cor. of secs. 16, 17, 20 and 21, set a flag ahead on line, N. 0° 03' W., designated as F. From D lay off a base, N. 89° 57' E. 17.30 chs., to station designated as E, from which the flag at F bears N. 21° 45' W.</p> <p>Triangulated dist. D to F 43.47 chs. Dist. from D to true point for cor. of secs. 16, 17, 20 and 21 <u>7.76</u> chs. Dist. bet. secs. 16 and 17 35.71 chs.</p> 
5.60	(Approximate dist.) Bottom of Mine Canyon, wash 25 lks. wide, course W. Ascend approximately 558 ft. over cliffs on S. slope.
35.71	Rim of Mine Canyon, bears E. and W.; descend 108 ft. over steep N. slope.
39.90	<p>Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor.; with brass cap mkd.</p> <p style="text-align: center;">W C $\frac{1}{4}$ S 17 S 16 1940</p>
	Witness $\frac{1}{4}$ sec. cor. is located on edge of rim of canyon, bears E. and W.
40.00	True point for $\frac{1}{4}$ sec. cor. falls on face of cliff.

Chains.

To obtain a suitable base for triangulation over precipitous cliffs ahead on line, return to flag F at 35.71 chs. N. 0° 03' W. of the true point for the cor. of secs. 16, 17, 20 and 21 and triangulate as follows:-

Designate this station as F and set a flag ahead on line, N. 0° 03' W., designated as H. From F. lay off a base, N. 89° 57' E., 10.83 chs. to station designated as G, from which the flag at H bears N. 18° 36' W.



Triangulated dist. 32.27 chs.
 Dist. by 1st. triangulation 35.71 chs.
 Total dist. 67.98 chs.

- 46.00 (Approximate dist.) Bottom of canyon, 210 ft. deep, course W.
- 65.00 (Approximate dist.) Spur, slopes W.
- 67.98 Rim of canyon, bears NE. and SW.; descend 386 ft. over broken N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 13 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 8, 9, 16 and 17, with brass cap mkd.

T34N R14W

S 8	S 9
S 17	S 16

1940

Land, mountainous.
 Soil, rocky, 4th. rate.
 Timber, Joshua trees; undergrowth, greasewood, catclaw and cacti.

- N. 89° 57' E., on a random line, bet. secs. 9 and 16.
- 40.00 Set temp. 1/4 sec. cor.
- 80.04 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 9, 10, 15 and 16.
- Thence
- N. 89° 56' W., on true line, bet. secs. 9 and 16.
- Over rolling land, through scattering timber and dense undergrowth; along SE. slope.
- 1.00 Slope changes to Sw.; descend 304 ft.
- 31.52 Bottom of canyon, course N. 35° W., from S. 80° E.; ascend 215 ft. over NE. slope.

Chains.

- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $$\frac{1}{4} \begin{array}{r} S 9 \\ \hline S 16 \\ 1940 \end{array}$$
- Ascend 246 ft. over NE. slope.
- 56.83 Ridge, divide of drainage bet. Grand Gulch and Mine Canyon, bears N. 10° E. and S. 10° W.; descend 373 ft. over W. slope.
- 72.50 Rim of canyon, faces W., bears N. about 3.00 chs., thence NW., and S. 2.00 chs., thence SW.; continue descent over rim.
- 74.15 Canyon, course N. 80° W., from SE.; continue descent 194 ft. along S. side of canyon.
- 80.04 The cor. of secs. 8, 9, 16 and 17.
- Land, mountainous.
Soil, rocky, 4th. rate.
Timber, scattering juniper and Joshua trees; undergrowth, blackbrush and Spanish dagger.
-
- N. $0^{\circ} 03'$ W., bet. secs. 8 and 9.
- Over mountainous land, through scattering timber and undergrowth.
- To obtain measurement over cliffs ahead on line, triangulate as follows:-
- Set a flag on the cor. of secs. 8, 9, 16 and 17, designated as A and a flag ahead on line, designated as B. From B measure a base, N. $89^{\circ} 57'$ E., 2.00 chs., to station designated as C, from which the flag at A bears S. $18^{\circ} 44'$ W.
-
- Triangulated dist., A to B 5.88 chs.
- 1.00 (Approximate dist.) Bottom of canyon, course W.; ascend approximately 200 ft.
- 5.88 Top of cliffs on rim, bears NW. and SE. Descend 203 ft. along W. slope.
- 19.00 Bottom of descent; ascend 49 ft. over SW. slope.
- 24.38 Set flag, station A for triangulation.
- 25.30 Spur, slopes NW.; descend 400 ft. over steep NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

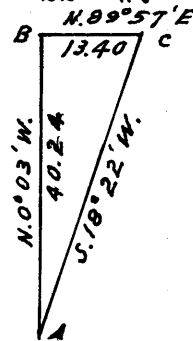
Chains.

$\frac{1}{4}$
 S. 8 | S 9
 1940

Descend 399 ft. over NE. slope.

To obtain distance over cliffs on N. rim of Grand Gulch, discontinue chaining at $\frac{1}{4}$ sec. cor. and from the flag at 24.38 chs. N. $0^{\circ} 03' W.$ of the cor. of secs. 8, 9, 16 and 17, triangulate as follows:-

Set a flag ahead on line, designated as B. From B measure a base N. $89^{\circ} 57' E.$, 13.40 chs., to station designated as C, from which the flag at A bears S. $18^{\circ} 22' W.$



Chained and triangulated dist. from cor. of secs. 8, 9, 16 and 17 to A	24.38 chs.
Triangulated dist., A to B	<u>40.24</u> "
Total dist.	64.62 "

- 49.00 (Approximate dist.) Wash, 25 lks. wide, in bottom of Grand Gulch, course NW. Road bears NW. and SE. to Pigeon Springs; ascend approximately 350 ft.
- 60.00 (Approximate dist.) N. rim of Grand Gulch, cliffs facing SW., bears NW. and SE.; continue ascent approximately 50 ft. over SW. slope.
- 64.62 Over flat top of spur sloping NW.
- 72.80 Descend 49 ft. along top of spur, sloping N.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 4, 5, 8 and 9, with brass cap mkd.

T34N R14W

S 5 | S 4
 S 8 | S 9
 1940

Spur turns NW. from cor.

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, scattering Joshua trees; undergrowth, blackbrush, cliff rose and Spanish dagger.

- S. $89^{\circ} 56' E.$, on a random line, bet. secs. 4 and 9.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect N. and S line, 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.
- Thence
- N. $89^{\circ} 59' W.$, on true line, bet. secs. 4 and 9.

Chains.	
	Over mountainous land, through scattering timber and undergrowth; descend 96 ft. along steep N. slope.
3.50	Bottom of small canyon, course N. for 1.00 ch. to junction with Tank Canyon; ascend 120 ft. over steep E. slope, on S. side of rim of Tank Canyon.
9.86	Spur, slopes N. through rim; continue ascent 149 ft. over NE. slope.
19.29	Spur, slopes N., descend 387 ft. over W. slope.
39.80	Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\text{WC } \frac{1}{4} \frac{\text{S } 4}{\text{S } 9}$
	1940
	Continue descent. —
40.05	True point for $\frac{1}{4}$ sec. cor. falls on insecure ground, on rocks in canyon.
40.98	Canyon, course N. 85° W. for 10.00 chs., thence NW.; continue descent 168 ft. along N. slope.
55.40	Spur, slopes NW.; descend 99 ft. over SW. slope.
58.80	Small canyon, course N. 10° W.; ascend 229 ft. over E. slope.
67.70	Spur, slopes N., descend 37 ft. over W. slope.
74.50	Head of canyon, course NW.; ascend 76 ft. over E. slope.
80.10	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous. Soil, rocky, 4th. rate. Timber, Joshua trees; undergrowth, catclaw, Spanish dagger, blackbrush and cacti.
	N. $0^{\circ} 03'$ W., on a random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.70	Intersect N. bdy. of Tp., 30 lks. W. of the true point for the cor. of secs. 4, 5, 32 and 33.
	Thence
	S. $0^{\circ} 10'$ W., on true line, bet. secs. 4 and 5.
	Over mountainous land, through scattering timber and undergrowth; ascend 461 ft. over NE. slope.
9.33	Sidehill drain, course N. 5° E., continue ascent.
17.10	Spur, at forks, sloping NE. and NW., from S. 10° W., thence along broken E. slope.
25.90	Ridge, bears E., and W. for 3.00 chs., thence NW.; descend 412 ft. over S. slope.

OK 4291

Subdivision of T. 34 N., R. 14 W.

55

Chains.

31.82 Ravine, course S., from NW.; continue descent along ravine.

38.70 Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 5 \text{ | S } 4 \\ 1940 \end{array}$$

Descend 153 ft. along ravine.

43.89 Leave ravine, course SW., from N.; continue descent 71 ft. over S. slope.

50.04 Bottom of Tank Canyon, wash 20 lks. wide, course SW., ascend 58 ft.

56.03 Bottom of canyon, course NW. for 3.00 chs. to junction with Tank Canyon; ascend 534 ft. over steep NE. slope.

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

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, scattering Joshua trees; undergrowth, Spanish dagger, greasewood, catclaw, cliff rose and blackbrush.

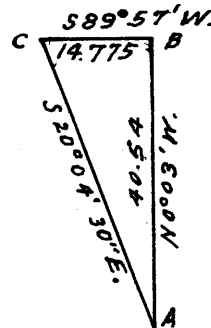
From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of Tp., as evidenced by an iron post, 2 ins. diam., 36 ins. above ground, firmly supported in a mound of stone to top, with brass cap marked as described in the official record.

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

Over mountainous land, through undergrowth.

To obtain measurement over cliffs in a series of canyons and ridges, triangulate as follows:-

Set a flag at the cor. of secs. 5, 6, 31 and 32, designated as A and a flag ahead on line, designated as B. From B measure a base S. $89^{\circ} 57'$ W., 14.775 chs., to station designated as C, from which the flag at A bears S. $20^{\circ} 04' 30''$ E.



Triangulated distance 40.54 chs.

By return measurement .54 "

40.00 "

15.00 (Approximate dist.) Canyon, course W., approximately 300 ft. below sec. cor.; ascend 200 ft.

20.00 (Approximate dist.) Spur, slopes W.; descend approximately 200 ft.

23.00 (Approximate dist.) Canyon, course W.; ascend 500 ft.

38.00 (Approximate dist.) Top of rim rock, bears E. and W.; faces S.

Chains.

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

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 31 | \text{S } 32 \\ 1940 \end{array}$$

Ascend gradually.

40.54 Spur, slopes S. 80° W.; descend 146 ft. over N. slope.

47.98 Bottom of shallow canyon, course W.; ascend 20 ft. over S. slope.

50.60 Spur, slopes W.; descend 91 ft. over N. slope.

55.19 Bottom of canyon, course W.; ascend 46 ft. over S. slope.

62.34 Spur, slopes W.; descend 111 ft. over NE. slope.

68.00 Bottom of canyon, course NW; continue descent 140 ft.

71.55 Main canyon, course W.; ascend 234 ft. over steep S. slope.

77.60 Spur, slopes W.; descend 26 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 29, 30, 31 and 32, with brass cap mkd.

$$\begin{array}{c} \text{T34N R14W} \\ \text{S } 30 | \text{S } 29 \\ \text{S } 31 | \text{S } 32 \\ 1940 \end{array}$$

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, none; undergrowth, blackbrush, Spanish dagger and cacti.

N. $89^{\circ} 56'$ E., on a random line, bet. secs. 29 and 32.

5.14 To obtain line and measurement over a series of broken cliffs, traverse as follows:-

S. $19^{\circ} 30'$ E., 4.30 chs.

S. $70^{\circ} 30'$ E., 20.00 "

N. $28^{\circ} 00'$ E., 10.00 "

North 1.90 " to.

30.12 Point on random line.

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

79.96 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence

Chains.

S. 89° 58' W., on true line, bet. secs. 29 and 32.

Over mountainous land, through scattering timber and undergrowth; ascend 72 ft. along S. slope.

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

27.13 Ridge, divide bet. Pigeon and Grand Washes, bears N. and S.; descend 173 ft. over SW. slope.

30.33 Head of canyon, course NW.; ascend 49 ft. over NE. slope.

35.20 Top of ascent; descend gradually.

39.98 True point for $\frac{1}{4}$ sec. cor. falls on insecure ground.

40.08 Set an iron post, 3 ft. long, 1 in. diam., 19 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S 29}{S 32} WC$$

1940

Continue gradual descent

46.11 Wash, 10 lks. wide, course NW.; ascend 30 ft. over NE. slope.

49.84 Spur, slopes N. 80° W., from S.; descend 400 ft. over broken cliffs, along S. side of spur.

74.82 Spur, slopes SW.; descend 195 ft. over NW. slope.

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

Land, mountainous.

Soil, rocky, 4th. rate.

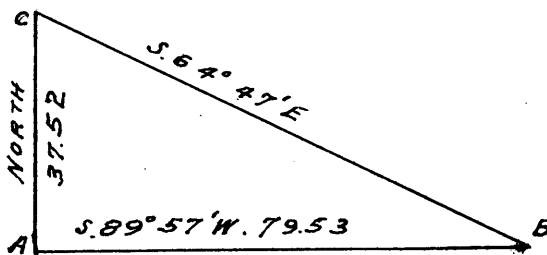
Timber, scattering juniper; undergrowth, blackbrush and Spanish dagger.

S. 89° 57' W., on a random line, bet. secs. 30 and 31.

A flag on the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of Tp., visible from the cor. of secs. 29, 30, 31 and 32, bears S. 89° 57' W. To obtain measurement over cliffs ahead on line, triangulate as follows:-

Designate the flag on the cor. of secs. 25, 30, 31 and 36 as A and the flag on the cor. of secs. 29, 30, 31 and 32 as B. From A measure a base North, 37.52 chs. to station on the W. bdy. of Tp., designated as C, from which the flag at B bears S. 64° 47' E.

The vertical angle from A to B is plus 13 $\frac{1}{2}$ °



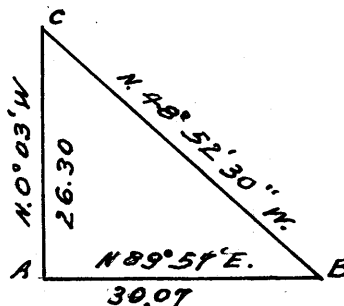
Chains.	
	Triangulated dist. from the cor. of secs. 29, 30, 31 and 32 to the cor. of secs. 25, 30, 31 and 36
	79.53 chs.
	By return measurement
	<u>39.53</u> "
	40.00 "
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.53	The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of Tp. Thence N. $89^{\circ} 57'$ E., on true line, bet. secs. 30 and 31. Over rolling land, through scattering timber and undergrowth. Ascend 75 ft. over W. slope.
21.23	Descend gradually over NE. slope.
23.73	Wash, 10 lks. wide, course NW.; ascend 235 ft. over broken W. slope.
36.06	Base of cliffs, bearing N. and S.; ascend gradually.
39.53	Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \frac{S \ 30}{S \ 31}$ 1940
	Ascend 277 ft. over cliffs.
50.00	Approximate dist. Top of first series of cliffs, bears NE. and SW.; continue over cliffs.
79.53	The cor. of secs. 29, 30, 31 and 32. Land, rolling and mountainous. Soil, rocky, 4th. rate. Timber, Joshua trees; undergrowth, greasewood, blackbrush, Spanish dagger and cactus.

N. $0^{\circ} 03'$ W., bet. secs. 29 and 30.

To obtain measurement over cliffs on line, triangulate as follows:-

Designate the cor. of secs. 29, 30, 31 and 32 as A and set a flag ahead on line N. $0^{\circ} 03'$ W., designated as C. Use as base a line, computed from the random traverse bet. secs. 29 and 32, to flag B, set N. $89^{\circ} 57'$ E., 30.07 chs. from the cor. of secs. 29, 30, 31 and 32, from which the flag at C bears N. $48^{\circ} 52' 30''$ W.

Triangulated dist. from the cor. of secs. 29, 30, 31 and 32 to flag at C 26.30 chs.



Chains.

15.00 (Approximate dist.) Bottom of canyon, 200 ft. deep, course W.

26.30 Spur, slopes W. To obtain measurement over cliffs on rim of canyon, triangulate as follows:-

Designate this station as C and set a flag ahead on line, N. $0^{\circ} 03'$ W., designated as E. From C measure a base, N. $48^{\circ} 18'$ W., 7.90 chs. to station designated as D, from which the flag at E bears N. $17^{\circ} 05'$ E.

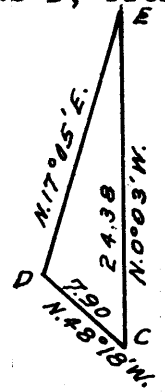
Triangulated dist. from A to C, 26.30 chs.

Triangulated dist. from C to E, 24.38 "

Total dist. 50.68 "

By return measurement 3.68 "

47.00 "



38.00 (Approximate dist.) Bottom of canyon, 400 ft. deep, with cliffy walls, course W.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on insecure ground, on face of cliff.

46.50 (Approximate dist.) N. rim of canyon, bears E. and W.

47.00 Set an iron post, 3 ft. long, 1 in. diam., 9 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 30 | S 29
 |
 W C
 1940

50.68 Spur, slopes NW. To obtain measurement over cliffs, triangulate as follows:-

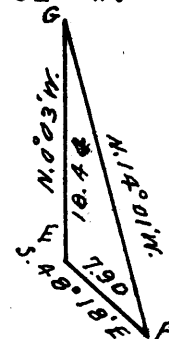
Designate this station as E and set a flag ahead on line, N. $0^{\circ} 03'$ W., designated as G. From E measure a base, S. $48^{\circ} 18'$ E., 7.90 chs. to station designated as F, from which the flag at G bears N. $14^{\circ} 01'$ W.

Triangulated dist., A to C, 26.30 chs.

Triangulated dist., C to E, 24.38 "

Triangulated dist., E to G; 18.44 "

Total dist. 69.12 "



55.00 (Approximate dist.) Bottom of canyon, 400 ft. deep, course NW.; ascend over cliffs.

69.12 Spur, slopes NW.; descend 240 ft. over N. slope.

73.20 Set flag A for triangulation bet. secs. 19 and 20.

76.64 Bottom of canyon, course W.; ascend 35 ft. over S. slope.

79.22 Spur, slopes W.; descend 13 ft. over NW. slope.

60

Subdivision of T. 34 N., R. 14 W.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 19, 20, 29 and 30, with brass cap mkd.

T34N R14W

S 19 | S 20

S 30 | S 29

1940

Land, mountainous.

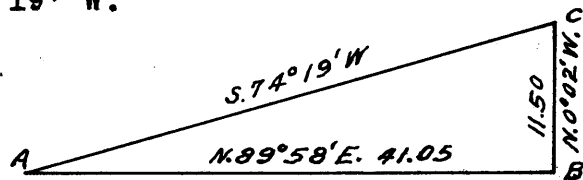
Soil, rocky, 4th. rate.

Timber, none; undergrowth, blackbrush, Spanish dagger and cactus.

N. 89° 58' E., on a random line, bet. secs. 20 and 29.

To obtain measurement over precipitous cliffs, triangulate as follows:-

Set flag on the cor. of secs, 19, 20, 29 and 30, designated as A and a flag ahead on line, N. 89° 58' E., designated as B. From B lay off a base, N. 0° 02' W., 11.50 chs. to station designated as C, from which the flag at A bears S. 74° 19' W.



Triangulated dist. from A to B	41.05 chs.
By return measurement	<u>1.05</u> "
	40.00 "

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

80.04 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence

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

Over rolling land, through scattering timber and undergrowth; descend 9 ft.

6.10 Wash, near head, 10 lks. wide, course S.; ascend 97 ft. over E. slope.

19.04 Ridge, divide bet. Pigeon Canyon and Grand Wash, bears N. and S.; descend 103 ft. along general NW. slope.

30.00 Head of canyon, course NW. for 5.00 chs., thence W.; continue descent 17 ft. along N. slope.

38.99 Point of spur, slopes N.

40.02 Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Chains.

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

1940

Over precipitous cliffs on N. slope.

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

Land, rolling and mountainous.

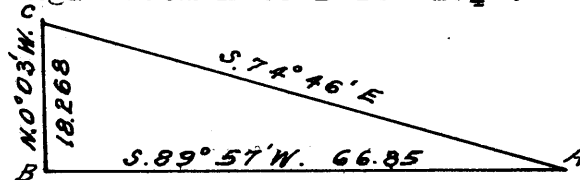
Soil, rocky, 4th. rate.

Timber, scattering juniper and Joshua trees; undergrowth, blackbrush, Spanish dagger, catclaw, cliff rose and grease-wood.

S. 89° 57' W., on a random line, bet. secs. 19 and 30.

1.73 To obtain measurement over precipitous cliffs on line, triangulate as follows:-

Set flag at this station, designated as A, and a flag on random line, S. 89° 57' W., designated as B. From B measure a base, N. 0° 03' W., 18.268 chs. to station designated as C; from which the flag at A bears S. 74° 46' E.

Vertical angle from A to B is $-10\frac{3}{4}^{\circ}$.

Dist. chained from cor. of secs. 19, 20, 29 and 30 to A

1.73 chs.

Triangulated dist. from A to B

66.85 "

Total dist.

68.58 "

By return measurement

28.58 "

40.00

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

79.42 Intersect W. bdy of Tp., 2 lks. S. of the cor. of secs. 19, 24, 25 and 30.

Thence

N. 89° 58' E., on true line, bet. secs. 19 and 30.

Over mountainous land, through scattering timber and undergrowth; descend gradually along N. slope.

0.50 Drain, course NW. for 5.00 chs., thence W.; ascend 268 ft. over W. slope.

10.84 Spur, slopes N. for 2.00 chs., thence W.; descend 116 ft. over NE. slope.

18.62 Drain, course NW.; ascend 72 ft. over W. slope.

24.30 Spur, slopes N.; descend 15 ft. over NE. slope.

34.26 Wash, 10 lks. wide, course NW.; ascend 51 ft. over SW. slope.

Chains.

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

$\frac{1}{4}$ $\frac{S 19}{S 30}$

1940

Ascend 800 ft. over cliffs.
Approximate dist.

58.00 Top of first series of cliffs, bears N. and S.; continue ascent.

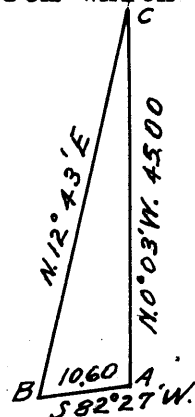
79.42 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.
Soil, rocky, 4th. rate.
Timber, scattering Joshua trees; undergrowth, greasewood, cactus, catclaw and Spanish dagger.

N. $0^{\circ} 03'$ W., bet. secs. 19 and 20.
To obtain measurement over precipitous cliffs, triangulate as follows:-

A suitable base not being obtainable at this point, proceed to flag A at 6.80 chs. S. $0^{\circ} 03'$ E. of the cor. of secs. 19, 20, 29 and 30 and set a flag ahead on line, N. $0^{\circ} 03'$ W., designated as C. From A measure a base S. $82^{\circ} 27'$ W., 10.60 chs. to station designated as B, from which the flag at C bears N. $12^{\circ} 43'$ E.

Triangulated dist., A to C	45.00 chs.
Dist. from A to the cor. of secs. 19, 20, 29 and 30,	6.80 chs.
Dist. bet. secs. 19 and 20	38.20 chs.



0.64 (Approximate dist.) Rim of canyon, bears E. and W.; descend 320 ft. over cliffs on N. slope.

11.00 (Approximate dist.) Bottom of canyon, course W.

21.00 (Approximate dist.) Spur, slopes W.; descend 300 ft.

30.60 (Approximate dist.) Canyon, course W.; ascend approximately 300 ft. over S. slope.

38.20 Spur, slopes W.; descend gradually over N. slope.

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

$\frac{1}{4}$ $\frac{S 19 | S 20}{S 20}$

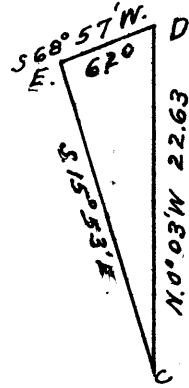
1940

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

Chains.

To obtain measurement over precipitous cliffs ahead, triangulate as follows:-

From the flag at 38.20 chs. N. 0° 03' W. of the cor. of secs. 19, 20, 29 and 30, designated as C for this triangulation, set flag ahead on line, N. 0° 03' W., designated as D. From D measure a base, S. 68° 57' W., 6.20 chs., to E, from which the flag at C bears S. 15° 53' E.



Triangulated dist. from cor. of secs. 19, 20, 29 and 30 to C	38.20 chs.
Triangulated dist. from C to D	<u>22.63</u> "
Total dist.	60.83 "

- 41.50 (Approximate dist.) Rim of canyon, bears E. and W.; descend approximately 300 ft. over cliffs on N. slope.
- 47.00 (Approximate dist.) Bottom of canyon, course W.; ascend approximately 300 ft. over cliffs on S. slope.
- 51.00 (Approximate dist.) N. rim of canyon, bears E. and W.
- 60.83 Spur, slopes SW.; descend gradually.
- 63.00 Head of canyon, course W.; ascend 80 ft. over S. slope.
- 73.00 Spur, slopes W.; descend 212 ft. over N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 17, 18, 19 and 20, with brass cap mkd.

T34N R14W

S 18	S 17
S 19	S 20

1940

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

Land, mountainous.

Soil, rocky, 4th. rate.

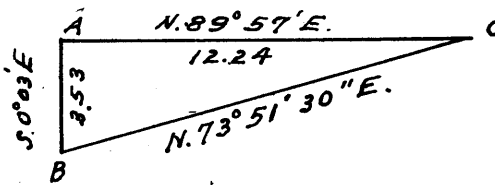
Timber, scattering Joshua trees; undergrowth, greasewood, catclaw and cacti.

N. 89° 57' E., on a random line, bet. secs. 17 and 20.

To obtain measurement over precipitous cliffs on line, triangulate as follows:-

Designate the cor. of secs. 17, 18, 19 and 20 as A and set flag ahead on line, N. 89° 57' E., designated as C. From A measure a base, S. 0° 03' E., 3.53 chs. to station designated B, from which the flag at C bears N. 73° 51' 30" E.

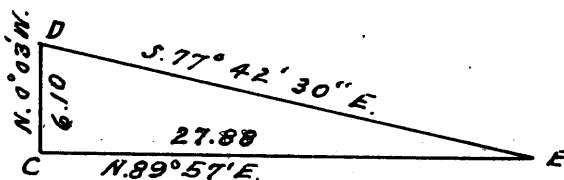
Chains.



Triangulated dist. from the cor. of secs. 17, 18, 19 and 20 to C 12.24 chs.

12.24 Triangulate over cliffs ahead on line, as follows:-

Designate this station as C and set flag ahead on line, N. 89° 57' E., designated as E. From C measure a base, N. 0° 03' W., 6.10 chs., to station designated as D, from which the flag at E bears S. 77° 42' 30" E.

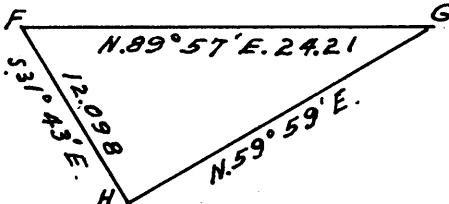


Triangulated dist., A to C	12.24 chs.
Triangulated dist., C to E	<u>27.88</u> chs.
Total dist.	40.12 chs.
By return measurement	<u>.12</u> chs.
	40.00 chs.

40.00 Set temp 1/4 sec. cor.

40.82 To obtain measurement over cliffs ahead on line, triangulate as follows:-

Designate this station as F and set a flag ahead on line N. 89° 57' E., designated as G. From F measure a base, S. 31° 43' E., 12.098 chs., to station designated as H, from which the flag at G bears N. 59° 59' E.



Triangulated dist., A to E	40.12 chs.
Chained dist., E. to F	0.70 "
Triangulated dist., F to G	<u>24.21</u> "
Total dist.	65.03 "

80.12 Intersect N. and S. line, 9 lks. S. of the true point for the cor. of secs. 16, 17, 20 and 21.

Thence

S. 89° 53' W., on true line, bet. secs. 17 and 20.

Over mountainous land, through undergrowth; ascend 80 ft. over broken NE. slope.

15.09 Cliffs, bear NW. and SE.; descend 454 ft. over SW. slope.

27.10 (Approximate dist.) Bottom of canyon, course NW.; ascend approximately 450 ft. over cliffs on E. slope.

39.30 Spur, slopes N., from SE.; descend gradually over W. slope.

40.06 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, over a cross (X) marked on bedrock and in a mound

Chains.

of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S 17}{S 20}$$

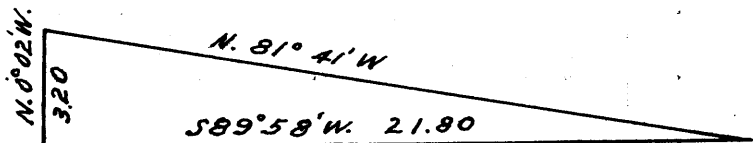
1940

Descend 297 ft. over cliffs on W. slope.

- 49.00 (Approximate dist.) Bottom of canyon, course N.; ascend approximately 300 ft. over cliffs on E. slope.
- 67.88 Spur, slopes N.; descend approximately 450 ft. along broken N. slope.
- 80.12 The cor. of secs. 17, 18, 19 and 20.
Land, mountainous.
Soil, rocky, 4th. rate.
Timber, none; undergrowth, blackbrush and Spanish dagger.

S. $89^{\circ} 58'$ W., on a random line, bet. secs. 18 and 19.

- 6.05 Top of precipitous cliffs; auxiliary flag bears N. $81^{\circ} 41'$ W.; from flag on random line auxiliary flag bears N. $0^{\circ} 02'$ W., 3.20 chs. dist.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. on random line	6.05 chs.
Dist. by triangulation	<u>21.80</u> "
	27.85 "

- 27.85 Triangulation point.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.40 Intersect W. bdy. of Tp., 5 lks. N. of the cor. of secs. 13, 18, 19 and 24.

Thence

N. $89^{\circ} 56'$ E., on true line, bet. secs. 18 and 19.

Over mountainous land, through scattering timber and undergrowth; along S. slope.

- 4.00 Drain, course S. 80° W., from NE.; ascend 227 ft. over W. slope.
- 23.15 Spur, slopes SW.; head of spur slopes NW. Descend gradually.
- 33.54 Drain, course SW.; ascend 185 ft. over W. slope.
- 39.40 Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Chains.

$$\frac{1}{4} \begin{array}{c} \text{S 18} \\ \hline \text{S 19} \\ 1940 \end{array}$$

Ascend 72 ft. over steep W. slope.

44.25 Head of canyon, course S. 80° W.; ascend 271 ft. over W. slope.

51.34 Spur, slopes NW., from S. 80° E. Thence over cliffs on broken N. slope.

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

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, Joshua trees; undergrowth, greasewood, cactus, blackbrush, Spanish dagger and cliff rose.

N. 0° 03' W., bet. secs. 17 and 18.

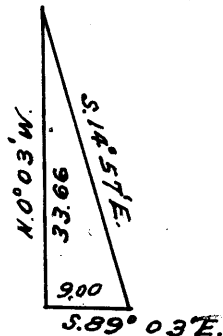
Over mountainous land, through scattering timber and undergrowth; descend gradually over N. slope.

1.00 Head of canyon, course NW.; ascend gradually.

6.10 Spur, slopes NW.; descend 15 ft. over N. slope.

6.76 Top of precipitous cliffs; auxiliary flag bears S. 89° 03' E., 9.00 chs. dist.; from flag ahead on line, auxiliary flag bears S. 14° 57' E.; all bearings checked by direct reading of the solar and all angles checked by deflection.

Dist. on line	6.76 chs.
Dist. by triangulation	<u>33.66</u> "
Total dist.	40.42 "
By return measurement	<u>0.42</u> "
	40.00 "



Descend approximately 500 ft. over cliffs on N. slope.

20.00 (Approximate dist.) Bottom of canyon, course W.; continue descent.

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.
$$\frac{1}{4} \begin{array}{c} \text{S 18} | \text{S 17} \\ \hline 1940 \end{array}$$
raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.

Descend gradually over NW. slope.

43.50 Bottom of Mine Canyon, wash 1.00 ch. wide, banks 4 ft. high, course W. Thence over rolling land.

Chains.

- 49.60 Wash, course SW.; ascend 582 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for the cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

T34N R14W

S 7	S 8
S 18	S 17

1940

Cor. is located on spur ridge, bearing N., and S. 10° W.

Land, mountainous.

Soil, rocky, 4th. rate.

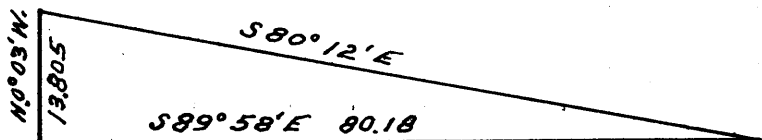
Timber, scattering Joshua trees; undergrowth, catclaw, blackbrush, Spanish dagger and cactus.

A flag on the cor. of secs. 8, 9, 16 and 17 being visible, run S. 89° 58' E., on a random line, bet. secs. 8 and 17, for distance only.

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

To obtain measurement over precipitous cliffs ahead on line, impracticable to chain, triangulate as follows:-

Return to the cor. of secs. 7, 8, 17 and 18 and measure a base N. 0° 03' W., 13.805 chs., to a flag on line bet. secs. 7 and 8, from which a flag on the cor. of secs. 8, 9, 16 and 17 bears S. 80° 12' E.



Triangulated dist. 80.18 chs.

- 80.18 The cor. of secs. 8, 9, 16 and 17.

Thence

N. 89° 58' W., on true line, bet. secs. 8 and 17.

Over mountainous land, through scattering timber and undergrowth; descend 480 ft. over cliffs on broken NW. slope.

- 32.20 (Approximate dist.) Bottom of canyon, course SW.
- 35.20 (Approximate dist.) Bottom of canyon, course S. for 2.00 chs. to junction with above canyon; ascend approximately 150 ft.
- 40.09 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Chains.	
	$\begin{array}{r} 38 \\ \frac{1}{4} \\ \hline S 17 \\ 1940 \end{array}$
	Descend 84 ft. over NW. slope.
47.14	Bottom of canyon, course SE.; ascend 64 ft. over NE. slope.
50.00	Spur, slopes SE.; descend 40 ft. over SW. slope.
55.33	Bottom of canyon, course SE.; ascend 113 ft. over NE. slope.
60.03	Spur, slopes S. 20° E.; descend 34 ft. over W. slope.
63.33	Head of draw, course S.; ascend gradually.
65.33	Spur, slopes S. 10° W.; descend 85 ft. over W. slope.
71.84	Bottom of canyon, course SW.; ascend 183 ft. over SE. slope.
80.18	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous. Soil, rocky, 4th. rate. Timber, Joshua trees; undergrowth, catclaw, greasewood, Spanish dagger, blackbrush and cactus.
	S. 89° 56' W., on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.10	Intersect W. bdy. of Tp., 21 lks. S. of the cor. of secs. 7, 12, 13 and 18.
	Thence
	S. 89° 55' E., on true line, bet. secs. 7 and 18.
	Over rolling land, through scattering timber and undergrowth; descend 62 ft. over NE. slope.
5.75	Dim ungraded road, bears N. and S.
6.85	Wash, 10 lks. wide, course NW., from S.; continue over rolling land.
11.05	Drain, course N. 80° W., from E. Thence along drain, ascend 149 ft.
22.00	Leave drain, course W., from SE.; continue ascent 61 ft. over SW. slope.
24.86	Spur, slopes N. 80° W.; continue ascent 393 ft. along broken N. slope.
39.10	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} S 7 \\ \frac{1}{4} \\ \hline S 18 \\ 1940 \end{array}$

Chains.

Ascend 219 ft. along NW. slope.

47.83 Spur, slopes NW.; continue ascent 163 ft. along N. slope.

61.20 Spur, slopes S. 80° W.; descend 17 ft. along S. slope.

68.34 Head of canyon, course SW.; ascend 109 ft. over SW. slope.

77.38 Top of rimrock, on spur, slopes NW. from E.; descend 35 ft. along spur.

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

Land, rolling and mountainous.

Soil, rocky, 4th. rate.

Timber, Joshua trees; undergrowth, greasewood, Spanish dagger and blackbrush.

N. 0° 03' W., bet. secs. 7 and 8.

Over mountainous land, through scattering timber and undergrowth; ascend 102 ft. along spur ridge.

13.85 Leave spur ridge, at forks, bears S., from NW. and NE.; descend 191 ft. over NW. slope.

20.84 Bottom of small canyon, course NW. for 2.00 chs., thence N.; continue descent along E. bank of canyon.

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

$\frac{1}{4}$
 S 7 | S 8
 1940

Ascend gradually over SE. slope.

43.80 Spur, slopes SW.; descend 43 ft. over NW. slope.

48.96 Wash, 15 lks. wide, course W.; thence over rolling land.

52.66 Bottom of small canyon; course W.; ascend 101 ft. over S. slope.

60.77 Spur ridge, bears E. and W.; descend 311 ft. over steep N. slope, with broken limestone ledges.

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

T34N R14W

S 6 | S 5
 S 7 | S 8
 1940

Land, mountainous and rolling.

Soil, rocky, 4th. rate.

Timber, Joshua trees; undergrowth, greasewood, catclaw, cactus and Spanish dagger.

Chains	
	S. 89° 58' E., on a random line, bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence
	N. 89° 55' W., on true line, bet. secs. 5 and 8.
	Over mountainous land, through scattering Joshua trees and undergrowth; descend 199 ft. over SW. slope.
10.70	Bottom of small canyon, course NW.; ascend 143 ft. over NE. slope.
18.39	Spur, slopes NW.; descend 475 ft. over SW. slope.
35.75	Lower rim of Grand Gulch, bears NW. and SE.; faces SW.; continue descent 58 ft. over SW. slope.
40.09	Set an iron post, 3 ft. long, 1 in. diam., over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \text{ S } 5 \\ \hline \text{S } 8 \\ 1940 \end{array}$
	Descend 379 ft. over SW. slope.
54.74	Bottom of Grand Gulch, wash 25 lks. wide, course NW.; thence over rolling bottom.
56.76	Ungraded road, bears NW. and SE.
58.71	Mouth of small canyon, course NE. 2.00 chs. to junction with Grand Gulch wash; ascend 131 ft. over E. slope.
66.51	Spur, slopes N.; descend 61 ft. over W. slope.
71.32	Head of ravine, course N.; ascend gradually.
73.32	Spur, slopes NW.; descend 75 ft. over SW. slope.
76.98	Head of canyon, course NW.; thence along N. slope.
80.18	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous. Soil, rocky, 4th. rate. Timber, Joshua trees; undergrowth, catclaw, Spanish dagger and blackbrush.
	N. 89° 55' W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.09	Intersect W. bdy. of Tp., 12 lks. N. of the cor. of secs. 1, 6, 7 and 12.
	Thence

Chains.		
	East, on true line, bet. secs. 6 and 7.	
	Over rolling land, through Joshua trees and undergrowth.	
17.13	Bend in wash, 15 lks. wide, course N. 80° W., from NE.; ascend 89 ft. over NW. slope.	
24.87	Spur, slopes SW.; descend 11 ft. over SE. slope.	
31.81	Head of ravine, course SW.; ascend 33 ft. along S. slope.	
39.09	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.	
	$\frac{1}{4} \begin{array}{l} S 6 \\ S 7 \end{array}$	
	1940	
	raise a mound	
	of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, N. of cor.	
	Thence over rolling land.	
44.40	Ungraded, unimproved road, bears NE. and SW.	
48.41	Wash, 10 lks. wide, course SW.; continue over rolling land.	
55.81	Grand Gulch wash, 60 lks. wide, course SW.	
58.81	Wash, 10 lks. wide, course SW. to junction with main wash; ascend 119 ft. over NW. slope.	
70.33	Spur, slopes N.; continue ascent 103 ft. along N. slope.	
79.09	The cor. of secs. 5, 6, 7 and 8.	
	Land, rolling.	
	Soil, rocky, 4th. rate.	
	Timber, Joshua trees; undergrowth, greasewood, cactus and Spanish dagger.	
	<hr/>	
	N. 0° 03' W., on a random line, bet. secs. 5 and 6.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
78.82	Intersect N. bdy. of Tp., 41 lks. W. of the cor. of secs. 5, 6, 31 and 32.	
	Thence	
	S. 0° 15' W., on true line, bet. secs. 5 and 6.	
	Over rolling land, through scattering timber and undergrowth.	
1.65	Small ravine, course SW.; continue over rolling land.	
12.51	Wash, 20 lks. wide, course SW.; ascend 53 ft. over N. slope.	
31.07	Spur, slopes W.; descend 46 ft. over SE. slope.	
34.32	Wash, 10 lks. wide, course SW.; thence over rolling land.	

Chains.

- 38.82 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, over a cross (X) marked on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$
S 6 | S 5
1940
- 44.22 Wash, 20 lks. wide, in bottom of Tank Canyon, course NW.; ascend 95 ft. over N. slope.
- 54.76 Spur, slopes S. 80° W.; descend gradually.
- 57.46 Grand Wash road, ungraded, bears E. and W.
- 65.86 Grand gulch wash, 60 lks. wide, course SW.; ascend 85 ft. over N. slope.
- 72.86 Spur, slopes W.; descend gradually.
- 75.61 Wash, 10 lks. wide, course W.; ascend 74 ft. over N. slope.
- 78.82 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.

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

Timber, Joshua trees; undergrowth, catclaw, cactus, Spanish dagger and greasewood.

Retracement of the Lines of Adams Lode, Lot No. 37.

Cor. No. 1 of Adams lode is a pine post, 4 ins. square, 2 ft. above a mound of earth and stone, firmly set, mkd. and witnessed as described in the official record.

From this point U.S.M.M. No. 1 bears S. 39° 45' E., 22.90 chs. dist.

Thence, from cor. No. 1

S. 20° 15' E., on E. end line of Adams lode.

- 4.54 Cor. No. 2; a pine post, 4 ins. square, 2 ft. above a mound of earth and stone, mkd. as described in the official record.

- 9.09 Cor. No. 3; a pine post, 4 ins. square, 2 ft. above a mound of earth and stone, mkd. and witnessed as described in the official record.

Thence

S. 69° 45' W., on S. side line of Adams lode.

- 22.73 Cor. No. 4; a pine post, 4 ins. square, 4 ft. above ground, mkd. and witnessed as described in the official record.

Thence

N. 20° 15' W., on W. end line of Adams lode.

- 4.54 Cor. No. 5; a pine post, 4 ins. square, 4 ft. above ground, mkd. as described in the official record.

Chains.

9.08 Cor. No. 6; a pine post, 4 ins. square, 4 ft. above ground, mkd. and witnessed as described in the official record.

Thence

N. 69° 45' E., on N. side line of Adams lode.

22.72 Cor. No. 1; the place of beginning.

FINAL TEST OF SOLAR ATTACHMENT.

The continued satisfactory adjustment of Buff and Buff transit No. 16723 is indicated by the preliminary field test of same, described in the field notes of T. 35 N., R. 14 W.; surveyed under this group.

GENERAL DESCRIPTION.

Township 34 North, Range 14 West, is in the Colorado River drainage basin, the drainage being generally to the west, into Grand Wash. The topography varies from rolling benches to mountainous. Deep canyons with high cliffy walls cut up the south, central and west portions of the township, with Pigeon Bench in the northeast portion. The elevation varies from 3000 ft. above sea level on Pigeon Bench, to 1500 ft. at the base of the lower Grand Wash cliffs.

The principal canyons are Tank Canyon, Grand Gulch and Mine Canyon in the north and central portions; and the N. Fork of Pigeon canyon, with a southerly course thru secs. 11, 14, 22, 23, 27, 34 and 33, joining the main Pigeon Canyon, which has a westerly course thru secs. 34, 35 and 36, in sec. 33.

The soil is poor, being of a rocky and sandy nature, 3rd. and 4th. rate. The formation is largely limestone, together with some red and white sandstone.

The timber is juniper, pinyon pine and Joshua trees, which grow in profusion in some areas, while the growth is more sparse in others, particularly on the west side of the township. The undergrowth is blackbrush, sometimes called wire sage, Spanish dagger, catclaw, sagebrush, greasewood and cactus.

There is a sparse growth of range grasses, and the stock which range the section feed some on the blackbrush. The area is suitable mostly for grazing, particularly during the rainy season and the periods of snow, upon which the stock must depend for water, as there are no streams or springs within the township.

There are no operating mines within the township. The Adams lode, Lot No. 37, is situated in the SE $\frac{1}{4}$ of sec. 21 and the SW $\frac{1}{4}$ of sec. 22. It is the only patented claim, and has been abandoned for years. The old road which originally served this mine is in bad condition, being only a poor pack trail at this date. The old mine is commonly called the Grand Gulch Mine.

No settlers reside within the township, but Jack Wiggins, a cattleman, has a rough cabin in the SE $\frac{1}{4}$ of sec. 36.

The mean magnetic declination is 16° E.

BOOK 4291

4-680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Bert E. Wakeman	Principal Assistant
George B. McDevitt	Flagman and Principal Assistant
Clarence E. Liles	Chainman
Irwin B. Williams	"
Van N. Kilgore	"
Ernest Crofford	Flagman
Lavell Palmer	Moundsman
Larry N. Stewart, Jr.	"
Jack Bowker	Axeman
Wesley B. Farley	"
Vermont Shaw	"

172
75

BOOK 4291

CERTIFICATE OF ~~ENGINEER~~ SURVEYOR

I, Horace M. Muscott, Surveyor, General Land Office, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15th day of February and 1st, day of July, 1939 received from the district cadastral engineer for Arizona, with assignment instructions dated Sept. 12, 1939 & Jan. 17, 1940, I have surveyed the west and north boundaries and subdivisional lines of Township 34 North, Range 14 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 Horace M. Muscott
Feb. 10, 1941 Surveyor
General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF ~~THE~~ SUPERVISOR OF SURVEYS,
Denver, Colorado, July 4, 1944.

The foregoing field notes of the survey of the west and north boundaries and subdivisional lines of Township 34 North, Range 14 West, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Horace M. Muscott, Surveyor, General Land Office, under special instructions dated February 15 and July 1, 1939, and assignment instructions dated September 12, 1939 & Jan. 17, 1940, 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.

[Signature]
U.S. 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.~~

U.S. Supervisor of Surveys.