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Book D

4-679
(April 1933)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4292

FIELD NOTES

OF THE

Survey of the West and North Boundaries and Subdivisional Lines of

Township 35 North, Range 14 West,

4292

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, 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, 1939 and assignment instructions dated April 11, 1939 and January 17, 1940.

Survey commenced October 23, 1939.

Survey completed April 22, 1940.

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INDEX DIAGRAM.

Township 35 North, Range 14 West

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

The azimuths of all the lines of survey herein described were determined 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 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 geographical position of the SE. cor. of the Tp. as follows: latitude $36^{\circ} 22' 47''$ N., and longitude $113^{\circ} 44' 08''$ W.

For determination of latitude, see the field notes of T. 35 N., R. 13 W., surveyed under this group.

The preliminary test of instruments for the survey of the boundaries of T. 35 N., R. 14 W. is described in the field notes of the W. Bdy. of T. 34 N., R. 14 W., surveyed under this group.

Mar. 27, 1940, on the meridian established Feb. 5, 1940, as described in the field notes of T. 34 N., R. 14 W.; latitude $36^{\circ} 22\frac{1}{2}'$ N., longitude $113^{\circ} 49\frac{1}{2}'$ W.; for preliminary test of instruments preceding the subdivision of T. 35 N., R. 14 W.;

At 9h.00m., a.m., app.t., set off $36^{\circ} 22\frac{1}{2}'$ N. on the latitude arc; $2^{\circ} 44\frac{1}{2}'$ N. 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 $2^{\circ} 47'$ N. on the declination arc, which agrees with the computed declination of the sun.

At 3h.00m., p.m., app.t., with the latitude arc unchanged, set off $2^{\circ} 50'$ N. 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.

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Survey: West Boundary of T. 35 N., R. 14 W.

Chains.

From the cor. of Ts. 34 and 35 N., Rs. 14 and 15 W., described in the field notes of the W. bdy. of T. 34 N., R. 14 W., surveyed under this group.

North, along W. bdy. of T. 35 N., R. 14 W., bet. secs. 31 and 36.

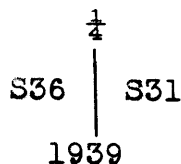
Over rolling land, through scattering timber and undergrowth; ascend 88 ft. over gradual W. slope.

27.70 Ungraded road, bears N. 10° W., and S. 80° E.

29.30 Same road, bears NE. and SW.

35.70 Wash, 10 lks. wide, course S. 65° W.; ascend 34 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 marked



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

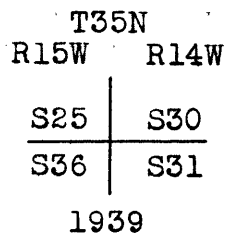
Ascend 137 ft. over S. slope.

51.60 Spur, slopes W., thence along general W. slope.

69.60 Ascend 63 ft. over S. slope.

75.74 Spur, slopes W.; descend 58 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. 25, 30, 31 and 36, with brass cap marked



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

Land, rolling.

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

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

North, bet. secs. 25 and 30.

Over rolling land, through scattering timber and undergrowth.

0.40 Draw, course W.; ascend 70 ft. over S. slope.

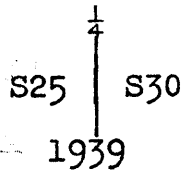
6.00 Spur, slopes W.; descend 120 ft. along broken W. slope.

Survey: West Boundary of T. 35 N., R. 14 W.

Chains.

38.10 Road, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



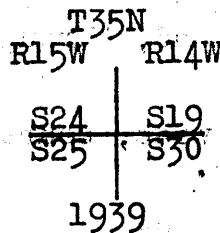
No suitable bearing trees available.

Continue over rolling land.

41.40 Top of perpendicular cliff, 50 ft. high, bears E. and W., faces N.; descend 50 ft. over cliff.

42.40 Squaw Canyon wash, 100 lks. wide, course N. 80° W.; ascend gradually over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 19, 24, 25 and 30, with brass cap marked



No suitable bearing trees available.

Land, rolling.

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

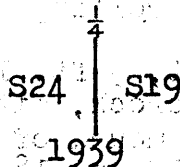
Timber; Joshua trees, undergrowth, greasewood, yucca, sagebrush and cacti.

North, bet. secs. 19 and 24.

Over rolling land, through scattering timber and undergrowth.

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

40.00 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 1/4 sec. cor., with brass cap marked



No suitable bearing trees available.

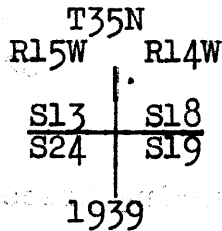
Continue over gently rolling land.

40.60 Wash, 25 lks. wide, course N. 85° W., continue over rolling land.

Chains.

77.20 Wash, 6 lks. wide, course W., continue over gently rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 13, 18, 19 and 24, with brass cap marked



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

Land, rolling.
Soil, rocky, 4th. rate.
Timber, Joshua trees; undergrowth, greasewood, yucca, sagebrush and cacti.

North, bet. secs. 13 and 18.

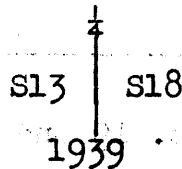
Over rolling land, through scattering timber and undergrowth.

2.20 Wash, 20 lks. wide, course N. 80° W.; continue over gently rolling land.

11.90 Road, bears N. 20° W. and S. 20° E.

25.40 Wash, 15 lks wide, course W.; continue over gently rolling land.

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



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

43.2 Continue over gently rolling land.

43.20 Road, ungraded, bears N. 80° W. and S. 80° E.

78.00 Wash, 25 lks. wide, banks 2 ft. high, course S. 70° W., continue over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 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 marked

Survey: West Boundary of T. 35 N., R. 14 W.

Chains.

T35N	
R15W	R14W

S12	S7
S13	S18

1939

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

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

North, bet. secs. 7 and 12.

Over gently rolling land, through scattering timber and undergrowth.

36.40 Old, ungraded road, bears NE. and SW.

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 1/4 sec. cor., with brass cap marked

S12	S7
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1939

Continue over gently rolling land.

74.50 Wash, 120 lks. wide, course S. 25° W. Leave rolling, enter mountainous land, bears N. 25° E. and S. 25° W.; ascend 100 ft. over steep, rocky SE. slope.

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

T35N	
R15W	R14W

S1	S6
S12	S7

1939

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

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6

Survey: West Boundary of T: 35 N., R. 14 W.

Chains.

North, bet. secs. 1 and 6.

Over mountainous land, through scattering timber and undergrowth; ascend 110 ft. over steep, rocky SE. slope.

5.80 Top of ascent; bears E. and W.; descend 78 ft. along rocky NE. slope.

31.30 Ravine, course S. 80° E.; ascend 195 ft. over rocky 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 marked

	↑	
S1		S6
	↓	
	1939	

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

Ascend 81 ft. over rocky S. slope.

47.58 Spur, slopes NE.; from W.; thence along E. slope.

60.00 Spur, slopes E.; descend 110 ft. over N. slope.

70.80 Drain, course NW.; continue descent 30 ft. along W. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for the cor. of Tps. 35 and 36 N., Rgs. 14 and 15 W., with brass cap marked

	T36N	
R15W		R14W
S36		S31
S1		S6
	↓	
	T35N	
	1939	

raise a mound of stone, 5 ft. base, 3½ ft. high, S. of cor.

Land, mountainous,

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

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

Survey: North Boundary of T. 35 N., R. 14 W.

Chains.

From the cor. of Tps. 35 and 36 N., Rgs. 13 and 14 W., West, on a random line, along N. bdy. of T. 35 N., R. 14 W., setting temp. 1/4 sec. and sec. cors. at 40.00 ch. intervals.

479.31 Intersect N. and S. line, 98 lks. S. of the cor. of Tps. 35 and 36 N., Rgs. 14 and 15 W. The true course and distance of this line is therefore S. 89° 53' E., 479.31 chs.

From the cor. of Tps. 35 and 36 N., Rgs. 14 and 15 W., hereinbefore described,

S. 89° 53' E., on true line, bet. secs. 6 and 31.

Over rolling land, through scattering Joshua trees and undergrowth; ascend 33 ft. over NW. slope.

5.31 Spur, slopes N.; descend 29 ft. over gradual NE. slope.

19.90 Draw, drains N.; ascend 34 ft. over NW. slope.

26.71 Spur, slopes N. 30° E.; descend 130 ft. over E. slope.

39.31 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 1/4 sec. cor., with brass cap marked

1/4 S31 S6

1939

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

Descend 81 ft. over E. slope.

54.21 Draw, drains S. 15° W.; ascend gradually.

61.80 Low, flat spur, slopes S. 30° W.; descend 20 ft. over SE. slope.

68.31 Wash, 50 lks. wide, course S. 30° W.; ascend gradually over W. slope.

78.41 Road, bears N. 30° E. and S. 30° W.

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

T36N R14W

S31 S32 S6 S5

T35N 1939

No suitable bearing trees available.

Land, rolling.

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

Timber, Joshua trees, undergrowth, greasewood and sagebrush.

Survey: North Boundary of T. 35 N., R. 14 W.

8

Chains.	<p>S. 89° 53' E., bet. secs. 5 and 32, on true line.</p> <p>Over rolling land, through scattering timber and undergrowth; ascend 98 ft. over gradual W. 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 marked</p> <p style="text-align: center;">$\frac{1}{4} \frac{S32}{S5}$</p>				
	1939				
	<p style="text-align: right;">raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.</p>				
	<p>50.60 Ungraded road, bears N. 10° E. and S., 10° E.</p>				
	<p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 4, 5, 32 and 33, with brass cap marked</p>				
	<p>T36N R14W</p> <table border="1" style="margin: auto;"> <tr> <td>S32</td> <td>S33</td> </tr> <tr> <td>S5</td> <td>S4</td> </tr> </table> <p>T35N 1939</p>	S32	S33	S5	S4
S32	S33				
S5	S4				
	<p style="text-align: right;">raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.</p>				
	<p>Land, rolling. Soil, sandy and gravelly, 2nd. and 3rd. rates. Timber, Joshua trees; undergrowth, greasewood, sagebrush, yucca and cacti.</p>				
	<p>S. 89° 53' E., bet. secs. 4 and 33, on true line.</p>				
	<p>Over rolling land, through scattering timber and undergrowth.</p>				
	<p>1.25 Wash, 40 lks. wide, course S. 80° W.; ascend 78 ft. over gradual W. slope.</p>				
	<p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, with stone 7x5x2 ins., marked X deposited at the base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked</p>				
	<p>$\frac{1}{4} \frac{S33}{S4}$</p>				
	1939				
	<p>No suitable bearing trees available.</p>				
	<p>Continue ascent 110 ft. over gradual W. slope.</p>				
	<p>65.70 Wash, 40 lks. wide, course N. 85° W.; continue ascent 57 ft. over rolling land.</p>				
	<p>76.00 Base of hills, bears N. and S.; ascend 40 ft. along S. slope.</p>				

Survey: North Boundary of T. 35 N., R. 14 W.

9

Chains.

80:00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 3, 4, 33 and 34, with brass cap marked

T36N R14W

S33 | S34
34 | 33

T35N
1939

raise a mound
of stone, 3½ ft. base, 2½ ft. high, W. of cor.

Land, rolling.

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

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

S. 89° 53' E., bet. secs. 3 and 34, on true line.

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

9.10 Wash, 40 lks. wide, course S. 86° W.; ascend 140 ft. over NW. slope.

18.00 Lower end of canyon, with same wash in bottom, bears N. approx. 3.00 chs. dist.; continue ascent 124 ft. over NW. slope.

21.74 Spur, slopes N. 15° W., with perpendicular cliffs facing NE.; descend 122 ft. over cliffs.

23.40 Wash, 25 lks. wide, in canyon, course N. for 1.00 ch., thence W.; thence along bank of wash.

26.50 Wash, in same canyon, course SW.; ascend 50 ft. along steep N. slope.

29.80 Wash, in same canyon, course N. 70° W.; ascend 87 ft. along S. slope.

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

¼ S34
S3

1939

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

Descend 6 ft. to

40.80 Same canyon, wash 20 lks. wide, course S. 70° W.; ascend 220 ft. over NW. slope.

47.10 Spur, slopes N.; descend 103 ft. over steep, rocky N. slope.

57.40 Same canyon, wash 12 lks. wide, course N. 80° W.; ascend 63 ft. along S. slope.

Chains.

- 70.50 Same wash, 10 lks. wide, in canyon, course S. 80° W.; ascend 38 ft. along N. slope.
- 74.50 Same wash, in canyon, course N. 15° W. for 1.00 ch., thence S. 80° W. Steep ravine, from N. 85° E. forms junction with canyon at this point.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 2, 3, 34 and 35, with brass cap marked

T36N R14W

S34 S35
S3 S2

T35N
1939

from which

A pinyon pine, 16 ins. diam., bears S. 17° E., 100 lks. dist., marked T 35 N. R. 14 W S 2 B T.

No other suitable bearing trees available.

Land, mountainous.
Soil, gravelly and rocky, 3rd. and 4th. rates.
Timber, juniper and pinyon pine; undergrowth, sagebrush, cacti, oakbrush and Mormon tea.

S. 89° 53' E., bet. secs. 2 and 35, on true line.

Over broken land, through scattering timber and undergrowth; asc. 100 ft. along edge of rimrock, near wash.

- 8.70 Wash, in canyon, course W., thence along wash.
- 14.20 Same wash, course N. 80° W.
- 16.17 Same wash, course S. 85° W.
- 25.00 Same wash; at head of canyon, course N. 85° W.; leave wash, asc. 56 ft. over general W. slope.
- 35.00 Ridge, bears N. 10° E. and S. 10° W.; descend gradually.
- 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 1/4 sec. cor., with brass cap marked

1/4 S35
S2

1939

from which

A juniper, 18 ins. diam., bears S. 73° W., 14 lks. dist., marked 1/4 S 2 B T.

A juniper, 16 ins. diam., bears N. 77° W., 100 lks. dist., marked 1/4 S 35 B T.

Descend 63 ft. over SE. slope

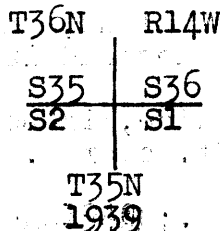
Survey: North Boundary of T. 35 N., R. 14 W.

11

Chains.

51.50 Draw, 5 lks. wide, course S. 80° W.; ascend 98 ft. over general W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the cor. of secs. 1, 2, 35 and 36, with brass cap marked



from which

A juniper, 6 ins. diam., bears N. 69° E., 193 lks. dist., marked T 36 N R 14 W S 36 B T.

A juniper, 8 ins. diam., bears S. 12° W., 188 lks. dist., marked T 35 N R 14 W S 2 B T.

A juniper, 6 ins. diam., bears N. 85° W., 335 lks. dist., marked T 36 N R 14 W S 35 B T.

No other suitable bearing trees available.

Land, mountainous and rolling.

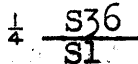
Soil, rocky, 4th. rate.

Timber, juniper and pinyon pine; undergrowth, sagebrush, cacti, Mormon tea and scattering oakbrush.

S. 89° 53' E., bet. secs. 1 and 36, on true line.

Ascend 332 ft. over general W. slope, through scattering timber and undergrowth.

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



1939

from which

A pinyon pine, 6 ins. diam., bears S. 62° E., 9 lks. dist., marked $\frac{1}{4}$ S 1 B T.

A juniper, 6 ins. diam., bears N. 63° W., 50 lks. dist., marked $\frac{1}{4}$ S 36 B T.

Ascend 826 ft. over sliderock on steep W. slope.

80.00 The cor. of Tps. 35 and 36 N., Rgs. 13 and 14 W., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official record.

Land, mountainous.

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

Timber, scattering juniper and pinyon pine; undergrowth, sagebrush, scattering oakbrush and cacti.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of tp., established under this group as described in the field notes of the survey of the N. bdy. of T. 34 N., R. 14 W., N. 0° 01' W., bet. secs. 35 and 36.

Over mountainous land, through scattering timber and dense undergrowth; descend 121 ft. over steep N. slope.

4.34 Wash, 20 lks. wide, in bottom of canyon, course S. 85°W.; ascend 187 ft. over S. slope.

13.49 Spur, slopes SW.; descend 99 ft. over NW. slope.

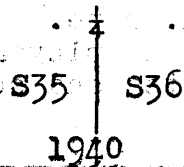
18.50 Wash, 5 lks. wide, in bottom of canyon, course SW.; ascend 99 ft. over steep SE. slope.

27.83 Spur, slopes SW.; descend gradually.

32.83 Drain, course SW.; ascend 13 ft. over SE. slope.

40.00 Flat spur, slopes SW.

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



from which

A pinyon pine, 18 ins. diam., bears S. 62½° E., 134 lks. dist., marked $\frac{1}{4}$ S 36 B T.

A juniper, 14 ins. diam., bears S. 68½° W., 128 lks. dist., marked $\frac{1}{4}$ S 35 B T.

Descend gradually.

43.00 Drain, course SW.; thence over rolling land.

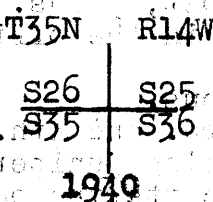
51.37 Ravine, course SW.; ascend 94 ft. over S. slope.

67.12 Spur, slopes SW.; descend 40 ft. over NW. slope.

73.89 Ravine, course W. 2.00 chs. to junction with ravine from N.; thence SW. Ascend 25 ft.

80.00 Point of spur, slopes SW.

Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 25, 26, 35 and 36, with brass cap marked



from which

Chains.

A juniper, 4 ins. diam., bears N. 44° E., 310 lks.
dist., marked T 35 N R 14 W S 25 B T.

A juniper, 4 ins. diam., bears S. 47° E., 255 lks.
dist., marked T 35 N R 14 W S 36 B T.

A juniper, 6 ins. diam., bears S. 52½° W., 22 lks.
dist., marked T 35 N R 14 W S 35 B T.

A juniper, 8 ins. diam., bears N. 30¾° W., 207 lks.
dist., marked T 35 N R 14 W S 26 B T.

Land, mountainous and rolling.

Soil, rocky, 4th. rate.

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

S. 89° 55' E., on a random line, bet. secs. 25 and 36.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect E. bdy. of tp., 2 lks. S. of the cor. of secs.
25, 30, 31 and 36, which is an iron post, 2 ins. diam.,
projecting 12 ins. above ground, marked and witnessed
as described in the official record.

Thence

N. 89° 56' W., on true line, bet. secs. 25 and 36.

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

1.21 Drain, course SW.; ascend gradually.

10.00 Spur, slopes SW.; descend 132 ft. over NW. slope.

21.03 Shallow drain, course S. 80° W..

24.93 Wash, 15 lks. wide, course SW.; ascend gradually.

28.53 Top of cliffs, facing W.; descend 155 ft. over ledges and
small cliffs on W. slope.

37.10 Head of ravine, course S. for 2.00 chs., thence SW.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the
ground, to bedrock and in a mound of stone to top, for
¼ sec. cor., with brass cap marked

OK
¼ $\frac{S25}{S36}$

1940

from which

A juniper, 8 ins. diam., bears S. 80° W., 134 lks.
dist., marked ¼ S 36 B T.

A juniper, 10 ins. diam., bears N. 47° W., 177 lks.
dist., marked ¼ S 25 B T.

Cor. is on top of spur, slopes SW.; descend 29 ft. over
NW. slope.

Chains.

- 47.30 Head of ravine, course SW.; ascend 38 ft. over NW. slope.
 52.21 Spur, slopes S. 60° W.; descend 40 ft.
 59.68 Bottom of descent; ascend gradually.
 61.80 Spur, slopes S. 80° W.; descend 13 ft. over NW. slope.
 64.50 Drain, course S. 80° W.; asc. 46 ft.
 80.06 The cor. of secs. 25, 26, 35 and 36.

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

N. 0° 01' W., bet. secs. 25 and 26.

Over heavily rolling land, through scattering timber and
 undergrowth; ascend 13 ft. over broken SE. slope.

- 5.29 Spur, slopes SW.; continue asc. 17 ft.
 12.68 Spur, slopes SW.; descend 22 ft. over NW. slope.
 17.37 Wash, 10 lks. wide, course W.
 21.00 Ascend 67 ft. over cliffs to
 25.53 Point of spur, slopes W.; descend 61 ft. over N. slope.
 29.00 Drain, course SW.; ascend gradually.
 30.44 Spur, slopes SW.
 31.64 Drain, course SW.; ascend 97 ft. over S. slope.
 40.00 Spur, slopes SW.

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

S26 S25

1940

from which

A juniper, 6 ins. diam., bears N. 31½° E., 260 lks.
 dist., marked $\frac{1}{4}$ S 25 B T.

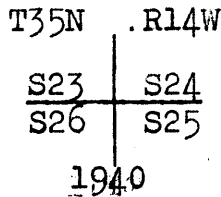
A juniper, 10 ins. diam., bears S. 35½° W., 167 lks.
 dist., marked $\frac{1}{4}$ S 26 B T.

Over flat top of spur.

- 53.80 Descend 6 ft. to
 54.29 Ravine, course W. 1 ch. to junction with ravine from NE.

Chains.

- 56.89 Ravine, course SW.; ascend 98 ft. over SE. slope.
- 63.14 E. slope of detached hill, Top of hill approximately 3 chs. W.; saddle in ridge from hill bears 2.00 chs. E. Descend 109 ft. over NE: slope.
- 69.12 Wash, near head, course NW.; ascend 37 ft. over SW.slope.
- 75.38 Spur, slopes NW.; descend 45 ft. over NE. slope.
- 78.86 Bottom of canyon, course W., from S. 60° E.; ascend gradually.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, on bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for the cor. of secs. 23, 24, 25 and 26, with brass cap marked



from which

- A juniper, 10 ins. diam., bears N. 21° E., 36 lks. dist., marked T 35 N R 14 W S 24 B T.
- A juniper, 10 ins. diam., bears S. 60½° E., 69 lks. dist., marked T 35 N R 14 W S 25 B T.
- A juniper, 8 ins. diam., bears S. 47¾° W., 114 lks. dist., marked T 35 N R 14 W S 26 B T.
- A juniper, 6 ins. diam., bears N. 62½° W., 120 lks. dist., marked T 35 N R 14 W S 23 B T.

Land, rolling and broken.
Soil, rocky, 4th. rate.

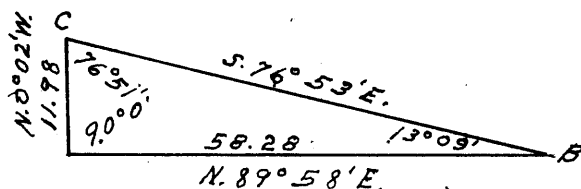
Timber, pinyon pine, juniper and Joshua trees; undergrowth, blackbrush, mesal, manzanita, and scrub oak.

N. 89° 58' E., on a random line bet. secs. 24 and 25, to a flag on the cor. of secs. 19, 24, 25 and 30, which is plainly visible from this point.

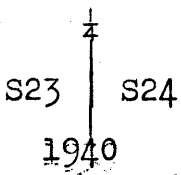
28.70 Triangulation point "A". Continue line and measurement by chaining.

40.00 Set temp. ¼ sec. cor.

Discontinue chaining at this point, owing to cliffs ahead on line and triangulate as follows:-



Chains.	
	Designate 28.70 ch. station as point "A" and the flag at the cor. of secs. 19, 24, 25 and 30 as "B". From "A" measure a base, N. 0° 02' W., 11.98 chs. to point "C", from which flag "B" bears S. 76° 53' E. The vertical angle to "B" is +20½°.
	Included angles of triangle "A-B-C" are 90° 00', 76° 51' and 13° 09', the sum of which is 180° 00'.
	Chained dist. on random line to point "A" = 28.70 chs.
	Tri. dist. "A" to "B" = 51.28 "
	Total dist. to "B" 79.98 "
79.98	Flag "B" of triangulation, at the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of Tp., which is an iron post, 2 ins. diam., set on bedrock and supported by a mound of stone to top, marked and witnessed as described in the official record.
	Thence
	S. 89° 58' W., on true line, bet. secs. 24 and 25. Measurement by triangulation as hereinbefore described.
	Over mountainous land, through scattering timber and undergrowth.
2.00	(Approx.) Top of upper rim of Grand Wash Cliffs, facing W., bears N. and S. Descend 1100 ft. over cliffs and sliderock.
3.00	(Approx.) Bottom of sheer cliff, continue descent over broken W. slope, cliffs and sliderock.
39.99	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 ¼ sec. cor., with brass cap marked.
	¼ $\frac{S24}{S25}$
	1940
	from which
	A pinyon pine, 6 ins. diam., bears N. 70° E., 121 lks. dist., marked ¼ S 24 B T.
	A juniper, 10 ins. diam., bears S. 12° E., 106 lks. dist., marked ¼ S 25 B T.
	Resume chaining.
43.12	Bottom of canyon, course NW.; ascend 38 ft. over NE. slope.
51.35	Spur, slopes NW.; descend 98 ft. over SW. slope.
57.50	Head of canyon, course NW.; continue descent 188 ft. along SW. slope of spur ridge.
72.13	Leave spur ridge, slopes N. 70° W., descend gradually.
79.98	The cor. of secs. 23, 24, 25 and 26.
	Land, mountainous. Soil, rocky, 4th. rate. Timber, pinyon pine and juniper; undergrowth, blackbrush, mesal, manzanita, oakbrush and cliff rose.

Chains.	
	N. 0° 01' W., bet. secs. 23 and 24.
	Over rolling and broken land, through scattering timber and undergrowth; ascend 46 ft. over SW. slope.
5.39	Spur ridge, slopes N. 65° W., descend 110 ft. over NE. slope.
12.48	Bottom of small canyon, course N. 80° W.; ascend gradually.
14.69	Spur, slopes NW.; descend 45 ft. over NE. slope.
16.57	Bottom of canyon, course NW.; ascend gradually.
19.09	Low spur, slopes N. 70° W., descend 44 ft. over N. slope.
23.75	Ravine, course N. 80° W.
28.65	Ravine, course S. 80° W.; ascend 66 ft. over S. slope.
40.00	Spur, slopes W.
	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	
	from which
	A juniper, 6 ins. diam., bears S. 80° E., 250 lks. dist., marked $\frac{1}{4}$ S 24 B T.
	A pinyon pine, 6 ins. diam., bears N. 70 $\frac{1}{2}$ ° W., 217 lks. dist., marked $\frac{1}{4}$ S 23 B T.
	Descend 79 ft. over NE. slope.
43.71	Canyon, course NW.; ascend 61 ft. over SW. slope.
46.17	Spur, slopes NW.; descend 59 ft. over N. slope.
50.79	Wash, course SW.; ascend 182 ft. over cliffs on broken S. slope.
59.03	Top of circular hill, ascend 165 feet over red sandstone cliffs; and over broken north. slope of hill.
64.50	Ravine, course W., from SE.; ascend gradually.
66.36	Spur, slopes W.; descend gradually.
68.25	Wash, course W.; ascend 18 ft. over SW. slope.
79.95	Spur, slopes NW.; descend gradually.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 13, 14, 23 and 24, with brass cap marked

Chains.

T35N R14W

S14	S13
S23	S24

1940

from which

A juniper, 8 ins. diam., bears N. 30° E.; 30 lks.
dist., marked T 35 N R 14 W S 13 B T.

A juniper, 18 ins. diam., bears S. 38° E., 106 lks.
dist., marked T 35 N R 14 W S 24 B T.

A juniper, 8 ins. diam., bears S. $66\frac{3}{4}^{\circ}$ W., 91 lks.
dist., marked T 35 N R 14 W S 23 B T.

A juniper, 10 ins. diam., bears N. $84\frac{1}{4}^{\circ}$ W., 63 lks.
dist., marked T 35 N R 14 W S 14 B T.

Land, rolling and broken.

Soil, rocky, 4th. rate.

Timber, pinyon pine, juniper and Joshua trees; undergrowth, blackbrush, mescal, oakbrush, cacti and manzanita.

N. $89^{\circ} 58'$ E., on a random line, bet. secs. 13 and 24.40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect E. bdy. of tp., 10 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., projecting 18 ins. above ground, supported by a mound of stone to top, marked and witnessed as described in the official record.

Thence

N. $89^{\circ} 58'$ W., on true line, bet. secs. 13 and 24.

Over heavily rolling land, through scattering timber and dense undergrowth; descend 195 ft. over SW. slope.

8.80 Canyon, near head, course N. 80° W.; ascend gradually.12.38 Spur, slopes N. 80° W.; descend 78 ft. over SW. slope.15.50 Canyon, course NW., at junction with canyon from S. 85° E.; ascend 164 ft. over NE. slope.36.08 Spur, slopes N. 65° W.; descend gradually.39.97 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1940

from which

Chains.

A juniper, 6 ins. diam., bears S. 24° W., 43 lks. dist., marked $\frac{1}{4}$ S 24 B T.

A juniper, 6 ins. diam., bears N. 27° W., 15 lks. dist., marked $\frac{1}{4}$ S 13 B T.

Descend 56 ft. over SW. slope.

43.00 Ravine, course N. 60° W.; ascend gradually.

48.00 Spur, slopes N. 80° W.; descend 30 ft. over SW. slope.

53.70 Wash, 15 lks. wide, course NW.; ascend 58 ft. over NE. slope.

61.38 Spur, slopes N. 15° W.; descend 131 ft. over W. slope.

68.18 Wash, course N. 25° W.; ascend 43 ft. over E. slope.

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

Land, heavily rolling.

Soil, rocky, 4th. rate.

Timber, pinyon pine, juniper and Joshua trees; undergrowth, blackbrush, cacti, manzanita and oakbrush.

N: 0° 01' W., bet. secs. 13 and 14.

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

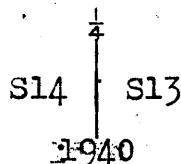
3.00 Spur, slopes NE.; descend 80 ft. over NW. slope.

18.63 Descend along E. slope.

20.78 Canyon, course N. 30° W., wash in bottom 20 lks. wide; ascend 20 ft. over W. slope.

27.68 Spur, slopes N. 30° W.; descend 56 ft. over NE. slope.

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



from which

A juniper, 7 ins. diam., bears S. 33° E., 60 lks. dist., marked $\frac{1}{4}$ S 13 B T.

A juniper, 12 ins. diam., bears N. 87½° W., 65 lks. dist., marked $\frac{1}{4}$ S 14 B T.

Descend 83 ft. over broken N. slope.

50.44 Ravine, course N. 20° W., 2.00 chs. to

52.22 Wash, 40 lks. wide, in bottom of small canyon, course W. for 2.00 chs., thence N. Thence along W. slope.

Chains.

- 60.12 Descend 38 ft. over NE. slope.
- 67.60 Bottom of canyon, course N. 30° W.; ascend 35 ft. along W. slope.
- 74.07 Spur, slopes NW.; descend 130 ft. over NW. slope.
- 77.73 Bottom of canyon, course NE. for 2.00 chs. thence N.10°W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 11, 12, 13 and 14, with brass cap marked

T35N	R14W
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S11	S12
S14	S13

1940

from which

A pinyon pine, 16 ins. diam., bears N. 19° E., 105 lks. dist., marked T 35 N R 14 W S 12 B T.

A juniper, 6 ins. diam., bears S. 60° E., 120 lks. dist., marked T 35 N R 14 W S 13 B T.

A juniper, 12 ins. diam., bears S. 77½° W., 46 lks. dist., marked T 35 N R 14 W S 14 B T.

A juniper, 8 ins. diam., bears N. 70½° W., 93 lks. dist., marked T 35 N R 14 W S 11 B T.

Land, rolling and broken.

Soil, rocky, 4th. rate.

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

S. 89° 58' E., on a random line, bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., projecting 24 ins. above ground, supported by a mound of stone to top, marked and witnessed as described in the official record.

Thence

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

Over heavily rolling land, through heavy timber and dense undergrowth; descend 148 ft. over series of cliffs on W. slope.

7.52 Canyon, course NW., from S. 80° E.; ascend gradually.

14.02 Spur, slopes N. 80° W.; descend 148 ft. over SW. slope.

30.14 Top of limestone rim, bears N. and S., facing W.; continue descent 81 ft. over W. slope.

Chains.	
40.03	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, on bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S12}{S13}$ 1940
	from which
	A juniper, 6 ins. diam., bears S. 10° W., 185 lks. dist., marked $\frac{1}{4}$ S 13 B T.
	A juniper, 10 ins. diam., bears N. 37° W., 207 lks. dist., marked $\frac{1}{4}$ S 12 B T.
	Descend 56 ft. over W. slope.
50.00	Bottom of descent; ascend gradually.
59.10	Spur, slopes N. 30° W.; descend 118 ft. over W. slope.
77.97	Canyon; course N. 10° W.; ascend 45 ft. over E. slope.
80.06	The cor. of secs. 11, 12, 13 and 14. Land, heavily rolling. Soil, rocky, 4th. rate. Timber, juniper; pinyon pine and Joshua trees; undergrowth, blackbrush, Spanish dagger, cliff rose, manzanita and oakbrush.
	N. 0°-01' W., bet. secs. 11 and 12.
	Over heavily rolling land, through scattering timber and dense undergrowth; ascend 16 ft. along E. slope.
1.30	Spur, slopes SE.; descend 89 ft. over NE. slope.
7.25	Wash, 50 lks. wide, in bottom of box canyon, walls 20 ft. high, course NW. for 1.00 ch., thence N. Along W. slope, under canyon rim.
15.57	Point of spur, slopes NW.; descend 27 ft. over N. slope.
17.00	Bottom of canyon, walls 10 ft. high, course S. 85° W.; ascend 164 ft. over broken SE. slope..
31.26	Spur, slopes SW.; descend 18 ft. over W. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \uparrow \\ S11 \quad \quad S12 \\ \downarrow \\ 1940 \end{array}$
	from which
	A juniper, 8 ins. diam., bears N. 69° E., 89 lks. dist., marked $\frac{1}{4}$ S 12 B T.
	A juniper, 12 ins. diam., bears N. 36 $\frac{1}{4}$ ° W., 67 lks. dist., marked $\frac{1}{4}$ S 11 B T.

Chains.	<p>Ascend 24 ft. over SW. slope.</p> <p>45.60 Spur, slopes W.; descend 46 ft. over broken choppy land.</p> <p>55.55 Drain, course N. 70° W.; ascend 8 ft.</p> <p>58.35 Flat spur, slopes SW.; descend 19 ft. over NW. slope.</p> <p>61.04 Wash, course S. 80° W.; ascend 25 ft. over SW. slope.</p> <p>67.73 Spur, slopes W.; descend 66 ft. over N. slope.</p> <p>75.07 Wash, 10 lks. wide, in bottom ravine, course SW.; ascend 61 ft. over S. slope.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 2 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 1, 2, 11 and 12, with brass cap marked</p> <div style="text-align: center;"> <p>T35N R14W</p> <table border="1" style="margin: auto;"> <tr> <td>S2</td> <td>S1</td> </tr> <tr> <td>S11</td> <td>S12</td> </tr> </table> <p>1940</p> </div> <p style="text-align: right;">from which</p> <p>A pinyon pine, 10 ins. diam., bears N. 59½° E., 173 lks. dist., marked T 35 N R 14 W S 1 B T.</p> <p>A pinyon pine, 4 ins. diam., bears S. 70½° E., 106 lks. dist., marked T 35 N R 14 W S 12 B T.</p> <p>A pinyon pine, 12 ins. diam., bears S. 71½° W., 77 lks. dist., marked T 35 N R 14 W S 11 B T.</p> <p>A pinyon pine, 8 ins. diam., bears N. 77½° W., 135 lks. dist., marked T 35 N R 14 W S 2 B T.</p> <p>Land, heavily rolling. Soil, rocky, 4th. rate. Timber, juniper, pinyon pine and Joshua trees; undergrowth, blackbrush, sagebrush, Spanish dagger, manzanita.</p> <hr/> <p>S. 89° 55' E., on a random line, bet. secs. 1 and 12.</p> <p>40.00 Set temp. ¼ sec. cor.</p> <p>80.20 Intersect E. bdy. of Tp., at the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., projecting 14 ins. above ground, supported by a mound of stone to top, marked and witnessed as described in the official record.</p> <p>Thence</p> <p>N. 89° 55' W., on true line, bet. secs. 1 and 12.</p> <p>Over rolling land, through scattering timber and dense undergrowth; descend 129 ft. over NW. slope.</p> <p>7.29 Ravine, course SW.; ascend 52 ft. over SW. slope.</p> <p>15.84 Spur, slopes S. 60° W.; descend 187 ft. over NW. slope.</p>	S2	S1	S11	S12
S2	S1				
S11	S12				

Chains.	
24.70	Drain, course S. 80° W.; descend 33 ft. over W. slope.
31.36	Descend 101 ft. over spur, sloping W.
40.10	Set an iron post, 3 ft. long, 1 in. diam., 19 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 1}{S 12}$ 1940
	<p style="text-align: right;">from which</p> <p>A juniper, 10 ins. diam., bears S. 13° E., 73 lks. dist., marked $\frac{1}{4}$ S 12 B T.</p> <p>A juniper, 8 ins. diam., bears N. 33° W., 316 lks. dist., marked $\frac{1}{4}$ S 1 B T.</p>
	Descend 104 ft. along spur, sloping W.
63.26	Point of spur, slopes W., from E.; descend 77 ft. over NW. slope.
73.64	Drain, course SW.; ascend 57 ft. over SE. slope.
80.20	The cor. of secs. 1, 2, 11 and 12.
	Land, rolling. Soil, rocky, 4th. rate. Timber, juniper, pinyon pine and Joshua trees; undergrowth; blackbrush, Spanish dagger and manzanita.
	North, on a random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.11	Intersect N. bdy. of Tp., 5 lks. E. of the cor. of secs. 1, 2, 35 and 36.
	Thence
	S. 0° 02' E., on true line, bet. secs. 1 and 2.
	Over rolling land, through scattering timber and undergrowth; along general W. slope.
14.20	Slope changes to N.; ascend 52 ft.
21.42	Spur, slopes W.; descend 21 ft. over general S. slope.
27.82	Wash, 10 lks. wide, course SW.; ascend 16 ft. over N. slope.
40.11	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 2}{S 1}$ 1940
	from which

Chains.

A juniper, 6 ins. diam., bears N. 84° E., 219 lks. dist., marked $\frac{1}{4}$ S 1 B T.

A juniper, 6 ins. diam., bears S. 69° W., 292 lks. dist., marked $\frac{1}{4}$ S 2 B T.

Corner is located on a spur, sloping W.

Descend 61 ft. over SE. slope, through heavy timber and dense undergrowth.

47.38 Wash, 15 lks. wide, course S. 80° W.; ascend 70 ft. over NW. slope.

68.80 Spur ridge, slopes W. Top of round hill on spur, bears E. 3.00 chs. dist.; descend gradually over rolling bench.

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

Land, rolling.

Soil, rocky, 4th. rate.

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

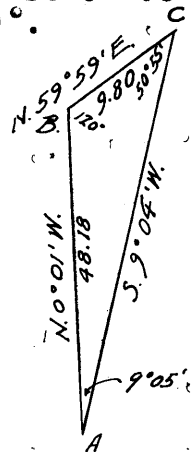
From the cor. of secs. 2, 3, 34 and 35, on the S. bdy of Tp., established under this group, as described in the field notes of the survey of the N. bdy. of T. 34 N., R. 14 W.,

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

To obtain line and measurement over cliffs impracticable to chain, set a flag on the cor. of secs. 2, 3, 34 and 35, designated as A and a flag ahead on line, designated as B. From B lay off a base, N. $59^{\circ} 59'$ E., 9.80 chs. to station designated as C, from which the flag at A bears S. $9^{\circ} 04'$ W..

Included angles of triangle A-B-C are $9^{\circ} 05'$, 120° and $50^{\circ} 55'$, the sum of which is 180° .

Triangulated dist. to B is 48.18 chs.



48.18 Flag B of triangulation.

18.00 (Approx.) Canyon, from SE., 1 ch. W. of line, course N.

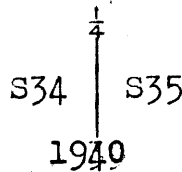
32.00 (Approx.) Bottom of Squaw Canyon, approx 350 ft. deep, course N. 60° W.

36.00 (Approx) Spur, slopes S. 60° W.

48.18 From flag B of triangulation, chain return measurement, S. $0^{\circ} 01'$ E., 8.18 chs. to

Chains.

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



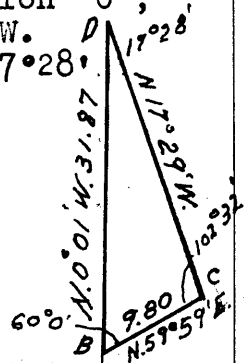
No suitable bearing trees available.

Ascend 94 ft. over SE. slope.

48.18 Flag "B" of triangulation. Spur, slopes S. 60° W.

From flag designated as "B", to obtain line and measurement over cliffs, set a flag ahead on line, designated as "D" and use the same base described in previous triangulation, N. 59° 59' E., 9.80 chs. to station "C", from which the flag at "D" bears N. 17° 29' W. Included angles of triangle "B-C-D" are 60°, 17° 28' and 102° 32', the sum of which is 180°.

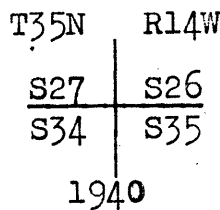
Tri. dist., "A" to "B" = 48.18 chs.
 Tri. dist., "B" to "D" = 31.87 "
 Total dist. 80.05



58.00 (Approx.) Bottom of N. Fork of Squaw Canyon, 350 ft. deep, course SW.

80.05 Flag "D" of triangulation, chain return measurement; S. 0° 01' E., 0.05 chs., to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 26, 27, 34 and 35, with brass cap marked



from which

A juniper, 8 ins. diam., bears N. 16½° E., 426 lks. dist., marked T 35 N R 14 W S 26 B T.

A juniper, 10 ins. diam., bears N. 44° W., 354 lks. dist., marked T 35 N R 14 W S 27 B T.

No other suitable bearing trees available.

Land, mountainous.

Soil, rocky, 4th. rate.

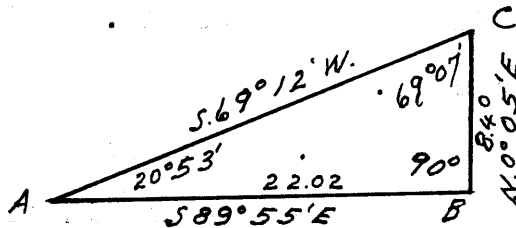
Timber, juniper, pinyon pine and Joshua trees; undergrowth, blackbrush and Spanish dagger.

Chains.

S. $89^{\circ} 55'$ E., on a random line, bet. secs. 26 and 35.

To obtain line and measurement over cliffs, set a flag at the cor. of secs. 26, 27, 34 and 35, designated as "A" and a flag ahead on line, designated as "B". From "B" measure a base N. $0^{\circ} 05'$ E., 8.40 chs., to station designated as "C", from which the flag at "A" bears S. $69^{\circ} 12'$ W. The vertical angle from "A" to "B" is -2° .

The included angles of the triangle "A-B-C" are $20^{\circ} 53'$, $90^{\circ} 00'$ and $69^{\circ} 07'$, the sum of which is 180° .



Triangulated dist. "A" to "B" = 22.02 chs.

- 22.02 Flag at "B". Commence chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 25, 26, 35 and 36.
- Thence N. $89^{\circ} 58'$ W., on true line, bet. secs. 26 and 35.
- Over rolling land, through heavy timber and dense undergrowth; descend gradually over NW. slope.
- 2.08 Ravine, course S. for 5.00 chs., thence SW.; thence over rolling land.
- 11.20 Descend 65 ft. over NW. slope.
- 19.14 Wash, 15 lks. wide, course SW.; ascend 59 ft. over SE. slope.
- 35.90 Spur ridge, slopes SW.
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4} \frac{S26}{S35}$
1940

from which

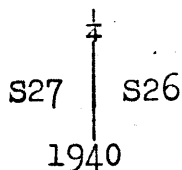
A juniper, 10 ins. diam., bears N. $55\frac{1}{2}^{\circ}$ E., 27 lks. dist., marked $\frac{1}{4}$ S 26 B T.

A juniper, 10 ins. diam., bears S. 77° W., 31 lks. dist., marked $\frac{1}{4}$ S 35 B T.

Over rolling top of spur ridge.

- 57.96 Point B bears 5 lks. south, E. rim of N. Fork of Squaw Canyon, bears N. and S.; descend 350 ft. over cliffs. Discontinue chaining, distance obtained by triangulation, as hereinbefore described.

- Chains.
- 67.00 (Approx.) Bottom of N. Fork of Squaw Canyon/ ascend approx. 380 ft. over cliffs. course SW.,
- 79.98 The cor. of secs. 26, 27, 34 and 35. ascend approx.
- Land, rolling and mountainous.
- Soil, rocky, 4th. rate.
- Timber, pinyon pine, juniper and Joshua; undergrowth, blackbrush, cacti, Spanish dagger and manzanita.
-
- N. 0° 01' W., bet. secs. 26 and 27.
- Over rolling land, through heavy timber and scattering undergrowth; ascend 18 ft. over gradual S. slope.
- 19.59 Spur ridge, slopes SW.; descend 31 ft. over NW. slope.
- 26.55 Head of canyon, course S. 55° W.; ascend 25 ft. over S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



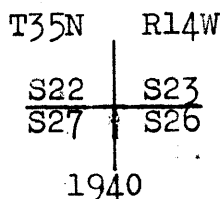
from which

A juniper, 6 ins. diam., bears S. 57° E., 123 lks. dist., marked $\frac{1}{4}$ S 26 B T.

A pinyon pine, 10 ins. diam., bears S. 66 $\frac{1}{2}$ ° W., 83 lks. dist., marked $\frac{1}{4}$ S 27 B T.

Ascend 11 ft. over gradual S. slope.

- 60.59 Spur, slopes W.; descend 11 ft. over gradual N. slope.
- 68.76 Drain, course W.; thence over rolling land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, to bedrock and in a mound of stone to top, for the cor. of secs. 22, 23, 26 and 27, with brass cap marked



from which

A juniper, 10 ins. diam., bears N. 32° E., 83 lks. dist., marked T 35 N R 14 W S 23 B T.

A pinyon pine, 12 ins. diam., bears S. 68 $\frac{1}{4}$ ° E., 22 lks. dist., marked T 35 N R 14 W S 26 B T.

Chains.

A juniper, 12 ins. diam., bears S. $77\frac{1}{2}^{\circ}$ W., 40 lks. dist., marked T 35 N R 14 W S 27 B T.

A juniper, 14 ins. diam., bears N. $78\frac{1}{2}^{\circ}$ W., 17 lks. dist., marked T 35 N R 14 W S 22 B T.

Land, rolling.

Soil, rocky, 4th. rate.

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

S. $89^{\circ} 58'$ E., on a random line, bet. secs. 23 and 26.

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

80.06 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence

N. $89^{\circ} 55'$ W., on true line, bet. secs. 23 and 26.

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

3.23 Wash, 10 lks. wide, in bottom of small canyon, course W., descend 121 ft. along wash. from SE.

36.21 Leave canyon wash, course N. 80° W., thence along N. slope.

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

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

1940

from which

A juniper, 6 ins. diam., bears N. $58\frac{1}{2}^{\circ}$ E., 35 lks. dist., marked $\frac{1}{4}$ S 23 B T.

A juniper, 6 ins. diam., bears S. 2° E., 33 lks. dist., marked $\frac{1}{4}$ S 26 B T.

Descend 38 ft. over NW. slope.

42.55 Bottom of small canyon, course N.; ascend 80 ft. over E. slope.

55.36 Top of bench, bears N. and S.; ascend 29 ft. over bench, to

65.43 Spur, slopes N.; round hill bears S. 3.00 chs.; descend 83 ft. over W. slope.

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

Land, rolling.

Soil, rocky, 4th. rate.

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

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.

N. 0° 01' W., bet. secs. 22 and 23.

Over rolling land, through heavy timber and scattering undergrowth; descend 7 ft. over gradual N. slope.

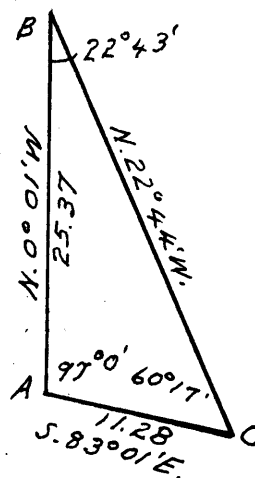
11.94 Drain, course NW.; over rolling land.

18.44 Drain, course S. 60° W.; ascend 6 ft. over rolling land.

22.75 To obtain line and measurement over cliffs along deep canyon, triangulate as follows:-

Set a flag at this station, designated as "A" and a flag ahead on line, designated as "B". From "A" measure a base S. 83° 01' E., 11.28 chs. to station designated as "C", from which the flag at "B" bears N. 22° 44' W.

Included angles of triangle "A-B-C" are 97° 00', 60° 17' and 22° 43', the sum of which is 180°.



Chained dist. to "A" = 22.75 chs.

Tri. dist., "A" to "B" = 25.37 "

Total dist. = 48.12 "

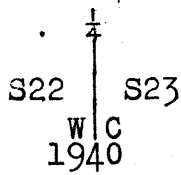
Descend approx. 500 ft. over cliffs.

40.00 True point for 1/4 sec. cor. falls on insecure ground in bottom of canyon, course W., from S. 70° E. Impracticable to set 1/4 sec. cor. at this point.

Ascend approx. 500 ft. over cliffs.

48.12 Flag at "B". Resume chaining.

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



from which

A juniper, 8 ins. diam., bears N. 17° E., 64 lks. dist., marked W C 1/4 S 23 B T.

A juniper, 6 ins. diam., bears N. 58 1/2° W., 204 lks. dist., marked W C 1/4 S 22 B T.

Ascend gradually.

49.50 Top of rim of canyon; bears E. and W.

52.47 Spur ridge, bears NW.; descend 90 ft. over NE. slope.

69.48 Bottom of canyon, course N. 30° W., heads 10.00 chs. SE.; ascend 28 ft. over SW. slope.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 14, 15, 22 and 23, with brass cap marked

T35N R14W

S15	S14
S22	S23

1940

from which

A juniper, 14 ins. diam., bears N. $11\frac{1}{2}^{\circ}$ E., 77 lks. dist., marked T 35 N R 14 W S 14 B T.

A juniper, 4 ins. diam., bears S. $41\frac{1}{2}^{\circ}$ E., 218 lks. dist., marked T 35 N R 14 W S 23 B T.

A juniper, 6 ins. diam., bears S. 38° W., 23 lks. dist., marked T 35 N R 14 W S 22 B T.

A juniper, 6 ins. diam., bears N. 2° W., 233 lks. dist., marked T 35 N R 14 W S 15 B T.

Land, rolling, with deep canyons.

Soil, rocky, 4th. rate.

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

S. $89^{\circ} 55'$ E., on a random line, bet. secs. 14 and 23.

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

80.16 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence

N. $89^{\circ} 59'$ W., on true line, bet. secs. 14 and 23.

Over rolling land, through heavy timber and dense undergrowth; ascend 9 ft.

1.17 Spur, slopes N. 20° W.; descend 13 ft. over SW. slope.

9.00 Bottom of descent; thence over rolling land.

36.36 Top of low spur, slopes W., thence along spur.

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

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

1940

from which

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.

A pinyon pine, 10 ins. diam., bears N. 10° E., 65 lks. dist., marked ¼ S 14 B T.

A pinyon pine, 12 ins. diam., bears S. 32° E., 45 lks. dist., marked ¼ S 23 B T.

Continue along top of spur, slopes W.

41.34 End of spur; descend 77 ft. over SW. slope.

51.58 Wash, 10 lks. wide, in bottom of canyon, course NW.; thence along S. side of canyon.

56.55 Bend in wash, course N. 10° W., from NE.; leave canyon, ascend 94 ft. over NE. slope.

76.00 Spur, slopes N. 50° W.; descend 29 ft. over SW. slope.

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

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

N. 0° 01' W., bet. secs. 14 and 15.

Over rolling land, through scattering timber and dense undergrowth.

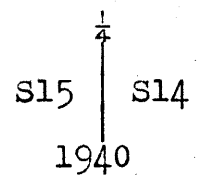
10.30 Spur, slopes NW.; descend 222 ft. over NE. slope.

22.55 Wash, 10 lks. wide, in bottom of canyon, course W. for 2.00 chs., thence N. 30° W.; ascend 43 ft. over SE. slope.

25.56 Spur, slopes SW.; descend 126 ft. along W. slope, under rim.

37.71 Drain, course W., 1.00 ch. to junction with canyon, course NW.; along SW. slope.

40.00 Set an iron post, 3 ft. 1 in. diam., 9 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for ¼ sec. cor., with brass cap marked



from which

A juniper, 8 ins. diam., bears S. 76½° E., 39 lks. dist., marked ¼ S 14 B T.

A juniper, 14 ins. diam., bears N. 32½° W., 155 lks. dist., marked ¼ S 15 B T.

Ascend 182 ft. over SW. slope.

Chains.

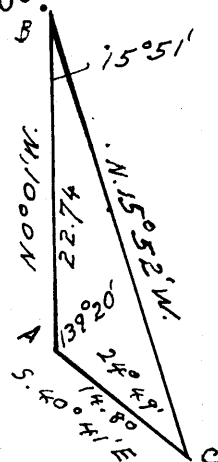
50.00 Top of rim of canyon, bears NW. and SE.; descend 300 ft. over precipitous cliffs.

51.06 To obtain line and measurement over cliffs, triangulate as follows:

Set a flag at this station, designated as "A", and a flag ahead on line, designated as "B". From "A" measure a base, S. 40° 41' E., 14.80 chs., to station designated as "C", from which the flag at "B" bears N. 15° 52' W..

The included angles of the triangle "A-B-C" are 139° 20', 15° 51' and 24° 49', the sum of which is 180°.

Vertical angle from "A" to "B" is 5½°.

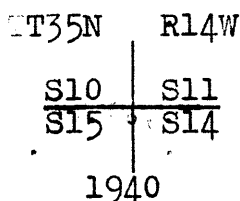


Chained dist. = 51.06 chs.
 Triangulated dist., "A" to "B" = 22.74 "
 Total dist. = 73.80 "

67.00 (Approx.) Bottom of canyon, course N. 80° W.; ascend approx. 180 ft., over cliffs.

73.80 Flag "B" of triangulation. Resume chaining. Spur, slopes NW.; descend 107 ft. over NE. slope.

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. 10, 11, 14 and 15, with brass cap marked



from which

A juniper, 8 ins. diam., bears N. 43½° E., 27 lks. dist., marked T 35 N R 14 W S 11 B T.

A pinyon pine, 10 ins. diam., bears S. 40½° E., 57 lks. dist., marked T 35 N R 14 W S 14 B T.

A pinyon pine, 16 ins. diam., bears S. 80¼° W., 138 lks. dist., marked T 35 N R 14 W S15 B T.

A pinyon pine, 12 ins. diam., bears N. 65¾° W., 51 lks. dist., marked T 35 N R 14 W S 10 B T.

Land, rolling and broken, with deep canyons. Soil, rocky, 4th. rate.

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

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.

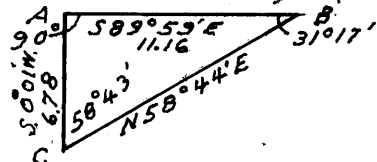
S. 89° 59' E., on a random line, bet. secs. 11 and 14.

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

Set a flag at the cor. of secs. 10, 11, 14 and 15, designated as "A", and a flag ahead on line, designated as "B". From "A" measure a base, S. 0° 01' W., 6.78 chs. to station designated as "C", from which the flag at "B" bears N. 58° 44' E.

The included angles of the triangle "A-B-C" are 90° 00', 31° 17' and 58° 43', the sum of which is 180°.

The vertical angle from "A" to "B" is +21¼°.



Tri. dist.=11.16[✓] chs.

- 11.16 Flag "B" of triangulation. Commence chaining.
- 40.00 Set temp. ¼ sec. cor.
- 80.16 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence

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

Over rolling land, through heavy timber and scattering undergrowth; ascend 190 ft. over SE. slope.

- 19.56 Top of mesa, ridge bears NE. and SW. Thence over rolling top of mesa.
- 40.08 Set an iron post, 3 ft. long, 1 in. diam., 21 ins. in the ground, to bedrock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ $\frac{S11}{S14}$
1940

from which

A juniper, 10 ins. diam., bears N. 40¼° E., 31 lks. dist., marked ¼ S 11 B T.

A juniper, 4 ins. diam., bears S. 22° W., 35 lks. dist., marked ¼ S 14 B T.

Descend 34 ft. over NW. slope.

- 44.40 Ravine, course SW.; ascend 72 ft. over SE. slope.
- 59.94 Point of spur, slopes SW.; thence over rolling land.
- 62.69 Descend 67 ft. over W. slope.
- 69.00 Rim of mesa, bears N. and S. Flag "B" of triangulation. Discontinue chaining, distance obtained by triangulation as hereinbefore described. Descend 271 ft. over cliffs, facing W.
- 79.56 (Approx.) Junction of washes, in bottom of canyon, course NW. Canyons from NE. and SE. thence over canyon bottom.

Chains.

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

Land, rolling mesa and mountainous.

Soil, rocky, 4th. rate.

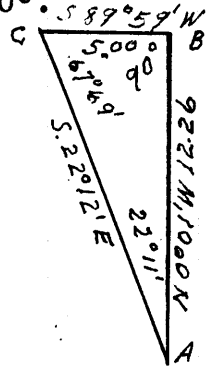
Timber, juniper, pinyon pine and Joshua trees; undergrowth, blackbrush, Spanish dagger, cliff rose and manzanita.

N. 0° 01' W., bet. secs. 10 and 11.

To obtain line and measurement over cliffs on rim of canyon, triangulate as follows:-

Designate the flag at the cor. of secs. 10, 11, 14 and 15 as "A" and set a flag ahead on line, designated as "B". From "B" lay off a base, S. 89° 59' W., 5.00 chs., to station designated as "C", from which the flag at "A" bears S. 22° 12' E. Vertical angle from "A" to "B" is + 26½°.

The included angles of the triangle "A-B-C" are 67° 49', 90° 00' and 22° 11', the sum of which is 180°.



Triangulated dist. from "A" to "B" = 12.26 chs.

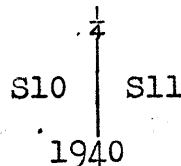
0.60 (Approx.) Wash, in bottom of canyon, course N. 60° W. for 4.00 chs., thence SW.; ascend 361 ft. over cliffs on rim of canyon.

10.00 (Approx.) Top of cliffs on rim of canyon, bears E. and W.

12.26 Flag at "B" of triangulation. Commence chaining. Over level mesa.

35.00 Descend 23 ft. over rolling mesa.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for ¼ sec. cor., with brass cap marked



from which

A juniper, 6 ins. diam., bears S. 16° E., 124 lks. dist., marked ¼ S 11 B T.

A juniper, 4 ins. diam., bears N. 3° W., 101 lks. dist., marked ¼ S 10 B T.

Descend 23 ft. over nearly level mesa.

54.60 Descend 107 ft. over N. slope.

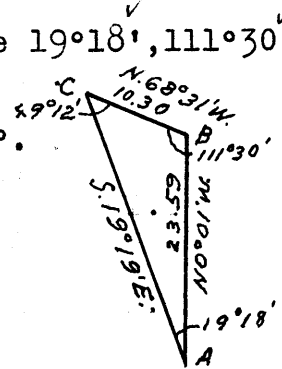
Chains.

62.90 Rim of canyon, bears E. and W. To obtain line and measurement over precipitous cliffs, discontinue chaining and triangulate as follows:-

Set a flag at this point, designated as "A" and a flag ahead on line, designated as "B". From "B" measure a base, N. 68° 31' W., 10.30 chs., to station designated as "C", from which the flag at "A" bears S. 19° 19' E.

The included angles of triangle "A-B-C" are 19° 18', 111° 30' and 49° 12', the sum of which is 180°.

The vertical angle from "A" to "B" is -25½°.



Chained dist. = 62.90 chs.
 Tri. dist. from "A" to "B" = 23.59 "
 Total dist. = 86.49 "

86.49 Flag "B" of triangulation. Chain return measurement, S. 0° 01' E., 6.49 chs., to

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

T35N	R14W
S3	S2
S10	S11
1940	

No suitable bearing trees available.

Land, mountainous and rolling mesa.

Soil, rocky, 4th. rate.

Timber, Joshua trees, pinyon pine and juniper; undergrowth, blackbrush, cliff rose and manzanita.

East, on a random line, bet. secs. 2 and 11.

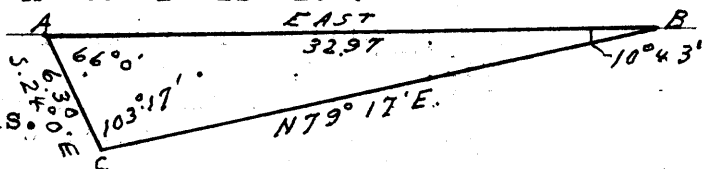
To obtain line and measurement over precipitous cliffs, triangulate as follows:-

Designate the cor. of secs. 2, 3, 10 and 11 as "A" and set a flag ahead on line, designated as "B". From "A" measure a base, S. 24° E., 6.30 chs., to station designated as "C", from which the flag at "B" bears N. 79° 17' E.

The included angles of the triangle "A-B-C" are 66° 00', 10° 43' and 103° 17', the sum of which is 180°.

Vertical angle from "A" to "B" is +20°.

Triangulated dist. "A" to "B" = 32.97 chs.



BOOK 4292

36

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.

- 32.97 Flag "B" of triangulation. Commence chaining and continue random line, E., bet. secs. 2 and 11.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 1, 2, 11 and 12.
- Thence
- N. $89^{\circ} 56'$ W., on true line, bet. secs. 2 and 11.
- Over rolling bench, through heavy timber and dense undergrowth.
- 6.10 Leave bench, bears NW. and SE.; descend 135 ft. over SW. slope.
- 15.28 Wash, 10 lks. wide, in bottom of canyon, course N. 80° W., ascend 6 ft. over NE. slope.
- 19.74 Point of spur, slopes N.; descend 37 ft. over W. slope.
- 22.71 Bottom of descent; ascend 14 ft. over NE. slope.
- 26.10 Spur, slopes N. 30° W.; descend 85 ft. over NW. slope.
- 29.46 Same canyon, wash 30 lks. wide in bottom, course SW.; ascend 70 ft. over SE. slope.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground, to bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1940

from which

A juniper, 8 ins. diam., bears N. 20° E., 68 lks. dist., marked $\frac{1}{4}$ S 2 B T.

A juniper, 4 ins. diam., bears S. 89° W., 65 lks. dist., marked $\frac{1}{4}$ S 11 B T.

Along rim of canyon, bears W., from N. 10° E.

- 47.07 Flag "B" bears north 3.7 lks. Canyon rim, bears NW. and E. Descend 747 ft. over cliffs, facing W. Discontinue chaining, distance obtained by triangulation as hereinbefore described.
- 68:00 (Approx.) Bottom of canyon, course SW., near junction with canyon from S. 60° E.
- 78.00 (Approx.) Canyon, course N. 60° W.
- 80.04 The cor. of secs. 2, 3, 10 and 11.

Land, rolling and mountainous.

Soil, rocky, 4th. rate.

Timber, pinyon pine, juniper and Joshua trees; undergrowth, blackbrush and Spanish Dagger.

Chains.

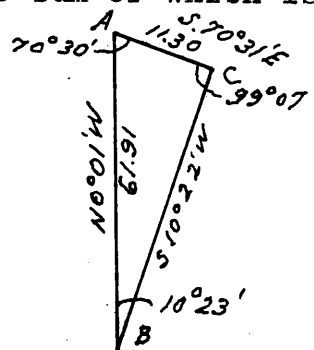
N. 0° 01' W., on a random line, bet. secs. 2 and 3.

To obtain line and measurement over cliffs along canyon, triangulate as follows:-

Set a flag ahead on line, designated as "A" and designate the flag at 62.90' chs. N. 0° 01' W. of the cor. of secs. 10, 11, 14 and 15, hereinbefore described, as "B". From "A" measure a base, S. 70° 31' E., 11.30 chs. to station designated as "C", from which the flag at "B" bears S. 10° 22' W. The included angles of the triangle "A-B-C" are 70° 30', 10° 23' and 99° 07', the sum of which is 180°.

Dist. from cor. secs. 10, 11, 14 and 15 to "B" = 62.90 chs.

Tri. dist., "A" to "B" = $\frac{124.81}{2}$ = 61.91 "
 Tri. dist. bet. secs. 2 and 3 = $\frac{80.00}{2}$ = 40.00 "



44.81 Station "A" of triangulation. Commence chaining. Chain return measurement, S. 0° 01' E., 4.81 chs., to

40.00 Set temp. 1/4 sec. cor.

80.22 Intersect N. bdy. of Tp., 23 lks. W. of the cor. of secs. 2, 3, 34 and 35, ...

Thence

S. 0° 09' W., on true line, bet. secs. 2 and 3.

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

3.11 Point of spur, slopes W.; descend 126 ft. over SW. slope.

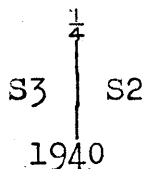
10.46 Bottom of canyon, course NW.; ascend 464 ft. over steep NE. slope.

25.31 Point of spur, slopes E.; descend 13 ft. over SE. slope.

30.31 Bottom of canyon, course NE.; ascend 80 ft. over NW. slope.

35.41 Ridge, divide of drainage, bears E. and W.; descend 43 ft. over S. slope. Flag at "A" bears west 1/4 lks. Discontinue chaining, distance obtained from this point by triangulation and return measurement, as hereinbefore described.

40.22 Set an iron post, 3 ft. long, 1 in. diam., 19 ins. in the ground, to bedrock, with stone 4x2x1 ins., marked X deposited at base and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



from which

A juniper, 8 ins. diam., bears S. 50 1/2° E., 183 lks. dist., marked 1/4 S 2 B T.

Survey: Subdivision of T. 35 N., R. 14 W.

38

Chains.

A juniper, 4 ins. diam., bears S. 9° W., 172 lks. dist.; marked $\frac{1}{4}$ S 3 B T.

Descend 185 ft. over steep SE. slope.

51.12 Ravine, course S. 70° W.; continue descent over cliffs facing S., 114 ft. (Approx.)

76.04 (Approx.) Bottom of canyon, course W.

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

Land, mountainous.

Soil, rocky, 4th. rate.

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

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of Tp., established under this group, as described in the field notes of the survey of the N. bdy. of T. 34 N., R. 14 W.,

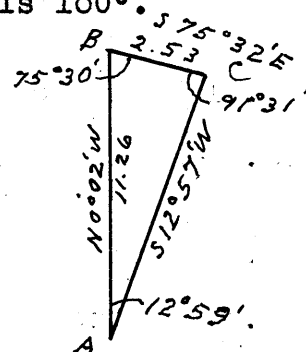
N. 0° 02' W., bet. secs. 33 and 34.

To obtain distance over cliffs impracticable to chain, triangulate as follows:-

Set a flag at the cor. of secs. 3, 4, 33 and 34, designated "A" and a flag ahead on line, designated as "B". From "B" measure a base, S. 75° 32' E., 2.53 chs., the longest base obtainable, to station designated as "C". from which the flag at "A" bears S. 12° 57' W. The vertical angle from B back to A is $-19\frac{1}{4}^\circ$.

The included angles of the triangle "A-B-C" are 12° 59', 75° 30' and 91° 31', the sum of which is 180°.

Triangulated dist.,
"A" to "B" = 11.26 chs.



Descend 50 ft. over cliffs,

1.50 (Approx.) Bottom of canyon, course N. 80° W.; asc. about 285 ft. over cliffs.

11.26 Flag "B" of triangulation. Spur, slopes N. 60° W. Commence chaining, ascend 7 ft. over S. slope.

14.25 Spur ridge, slopes N. 60° W.; descend 20 ft. along N. slope.

15.12 Discontinue chaining. In order to obtain distance over cliffs of Squaw Canyon, triangulate as follows:-

Set a flag at this station, designated as "A" and 2 flags ahead on line, the first designated as "B" and the second designated as "D". From "A" measure a base, the longest obtainable, N. 61° 02' W., 8.30 chs., to station designated as "C", from which the flag at "B" bears N. 20° 14' E., and the flag at "D" bears N. 8° 15' E.

Survey: Subdivision of T. 35 N., R. 14 W.

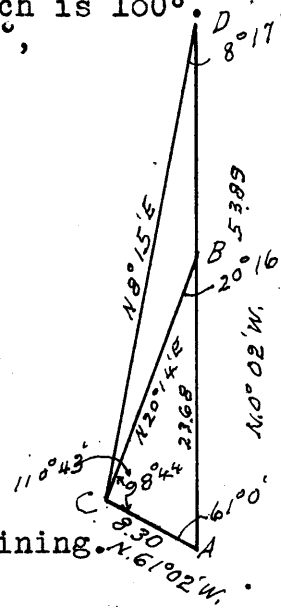
Chains.

The included angles of the triangle "A-B-C" are $61^{\circ}00'$, $98^{\circ}44'$ and $20^{\circ}16'$, the sum of which is 180° .

The included angles of the triangle "A-C-D" are $61^{\circ}00'$, $110^{\circ}43'$ and $8^{\circ}17'$, the sum of which is 180° .
The vertical angle from A to B is -22° , and from A to D is 0° .

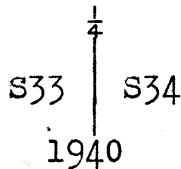
Chained and tri.
dist. to "A" = 15.12 chs.
Tri. dist., "A" to "B" = 23.68 "
Total dist. to "B" = 38.80 "

Chained and tri.
dist. to "A" = 15.12 chs.
Tri. dist., "A" to "D" = 53.89 "
Total dist. to "D" = 69.01 "



- 38.80 Flag "B" of triangulation. Resume chaining.
- 40.00 Point of spur, slopes N.

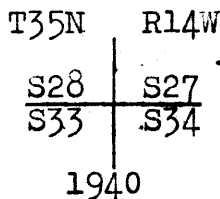
Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



No suitable bearing trees available.

Discontinue chaining, distance to "D" obtained by triangulation, as hereinbefore described.

- 46.00 (Approx.) Bottom of Squaw Canyon, course W. Cliffs forming wall of canyon 200 ft. high. Ascend over cliffs.
- 69.01 Flag "D" of triangulation. Resume chaining. Ascend 86 ft. over SW. slope.
- 73.85 Top of steep ascent.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 27, 28, 33 and 34, with brass cap marked



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

40

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.	
	S. 89° 55' E., on a random line, bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, at the cor., of secs. 26, 27, 34 and 35.
	Thence
	N. 89° 55' W., on true line, bet. secs. 27 and 34.
	Over rolling land, through scattering timber and dense undergrowth; descend 57 ft. over gradual W. slope.
11.04	Top of rim, bears NW. and SE., facing SW.; descend 356 ft. over SW. slope.
28.79	Bottom of canyon, course S. for 2.00 chs., thence S. 30° W.; ascend 83 ft. over steep SE. slope.
35.61	Spur, slopes S. 30° W.; descend 28 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S27}{S34}$
	1940
	from which
	A juniper, 14 ins. diam., bears N. 23° E., 239 lks. dist., marked $\frac{1}{4}$ S 27 B T.
	A juniper, 10 ins. diam., bears S. 34 $\frac{1}{2}$ ° W., 61 lks. dist., marked $\frac{1}{4}$ S 34 B T.
	Descend 168 ft. over W. slope.
52.84	Drain, course S.; ascend 74 ft. over E. slope.
57.64	Spur, slopes S.; descend 9 ft. over W. slope.
59.13	Drain, course SE. for 3.00 chs., thence S.; ascend 87 ft. over E. slope.
63.39	Spur, slopes SE.; descend 9 ft. over SW. slope.
66.08	Drain, course SE.; ascend 335 ft. over E. slope.
79.30	Sharp pointed ridge, bears N. 20° W. and S. 20° E.; descend 28 ft. over steep SW. slope.
80.00	The cor. of secs. 27, 28, 33 and 34.
	Land, rolling and mountainous. Soil, rocky, 4th. rate. Timber, Joshua trees, pinyon pine and juniper; undergrowth, blackbrush, Spanish dagger and cliff rose.

Survey: Subdivision of T. 35 N., R. 14 W.

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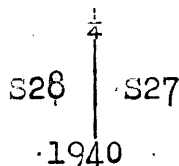
Chains.

N. 0° 02' W., bet. secs. 27 and 28.

Over heavily rolling land, through scattering timber and undergrowth; ascend 28 ft. over steep SW. slope.

5.89 Top of sharp pointed ridge, bears N. 20° W. and S. 20° E.; descend 345 ft. over steep NE. slope.

25.17 Drain, course N. 70° E.; ascend gradually.

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

from which

A juniper, 10 ins. diam., bears N. 86° E., 671 lks. dist., marked $\frac{1}{4}$ S 27 B T.

No other suitable bearing tree available.

Descend 49 ft. over N. slope.

43.58 Ravine, course N. 70° E.; continue descent 8 ft.

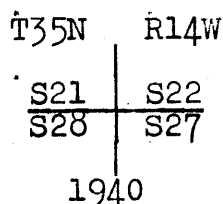
52.42 Ravine, course E.; ascend 23 ft. over gradual SE. slope.

61.10 Point of spur, slopes NE.; descend 80 ft.

67.75 Top of spur, slopes N.; descend 196 ft. over spur.

79.18 Base of spur, slopes N., from S. Over bank of wash.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 21, 22, 27 and 28, with brass cap marked



from which

A juniper, 8 ins. diam., bears N. 47 $\frac{3}{4}$ ° E., 273 lks. dist., marked T 35 N R 14 W S 22 B T.

No other suitable bearing trees available.

Land, heavily rolling and mountainous.

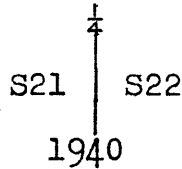
Soil, rocky, 4th. rate.

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

Chains.	
	S. 89° 55' E., on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 22, 23, 26 and 27.
	Thence
	N. 89° 52' W., on true line, bet. secs. 22 and 27.
	Over rolling top, through scattering timber and dense undergrowth.
30.52	Rim of mesa, bears NW. and SE.; descend 308 ft. over rocky SW. slope.
36.35	Lower rim, bears N. and S.; continue descent over W. slope.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S22}{S27}$
	1940
	from which
	A pinyon pine, 8 ins. diam., bears S. 15 $\frac{1}{2}$ ° W., 178 lks. dist., marked $\frac{1}{4}$ S 27 B T.
	A pinyon pine, 8 ins. diam., bears N. 2 $\frac{3}{4}$ ° W., 317 lks. dist., marked $\frac{1}{4}$ S 22 B T.
	Descend 247 ft. over W. slope.
56.83	Bottom of canyon, course SW. 2.00 chs. to junction with canyon from S. 70° E.; ascend 71 ft. over general E. slope.
63.14	Spur, slopes S.; descend 192 ft. over W. slope.
74.50	Wash, 20 lks. wide, in bottom of canyon, course NW.; ascend 39 ft. over NE. slope.
76.98	Point of spur, slopes N.; descend 48 ft. along bank of wash.
80.10	The cor. of secs. 21, 22, 27 and 28.
	Land, rolling mesa and mountainous. Soil, rocky, 4th. rate. Timber, scattering juniper and pinyon pine; undergrowth, blackbrush, Spanish dagger and cliff rose.
	N. 0° 02' W., bet. secs. 21 and 22.
	Over rolling land, through scattering timber and undergrowth.
1.00	Wash, 50 lks. wide, in bottom of canyon, course ^{S. 70° W.} $\frac{1}{4}$ for 2.00 chs., thence N. 10° W.; ascend 217 ft. over SW. slope.
23.33	Top of rim rock, along ridge, bears NW. and SE.; descend 298 ft. over NE. slope.
23.70	Set flag, for triangulation bet. secs. 15 and 22.

Chains.

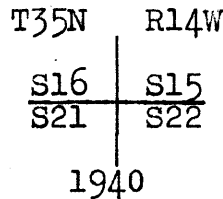
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



No suitable bearing trees available.

Ascend gradually.

- 43.14 Spur, slopes NW.; descend 464 ft. over N. slope.
- 63.29 Wash, 20 lks. wide, in bottom of canyon, course NW. for 2.00 chs. to junction with wash from N. 20° E.; thence course W. Over rolling land.
- 70.31 Wash, 50 lks. wide, course S. 30° W. for 2.00 chs., thence W.; ascend 130 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 15, 16, 21 and 22, with brass cap marked



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

Land, heavily rolling.

Soil, rocky, 4th. rate.

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

S. $89^{\circ} 56'$ E., on a random line, bet. secs. 15 and 22.

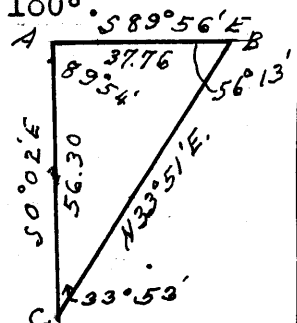
To obtain line and measurement over cliffs on rim of canyon, triangulate as follows:-

Designate the cor. of secs. 15, 16, 21 and 22 as "A" and set a flag ahead on line, designated as "B". Use as a base the line bet. secs. 21 and 22, S. $0^{\circ} 02'$ E., 56.30 chs., to flag on line, hereinbefore described, designated as "C", from which the flag at "B" bears N. $33^{\circ} 51'$ E.

The included angles of the triangle "A-B-C" are $89^{\circ} 54'$, $56^{\circ} 13'$ and $33^{\circ} 53'$, the sum of which is 180° .

Vertical angle from "A" to "B" is $+15\frac{3}{4}^{\circ}$.

Triangulated dist.,
"A" to "B" = 37.76 chs.



Survey: Subdivision of T. 35 N., R. 14 W.

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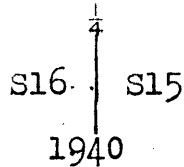
Chains.	
37.76	Flag "B" of triangulation. Commence chaining.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect N. and S. line, at the cor. of secs. 14, 15, 22 and 23.
	Thence
	N. $89^{\circ} 56'$ W., on true line, bet. secs. 15 and 22.
	Over mountainous land, through scattering timber and undergrowth; descend 56 ft. over W. slope.
3.77	Bottom of small canyon, course N. 30° W.; ascend 73 ft. over NE. slope.
14.74	Spur, slopes N. 30° W.; descend 34 ft. over gradual NW. slope.
30.40	Rim, bears NW. and SE., faces SW. Descend 257 ft. over NW. slope.
40.10	Set an iron post, $\frac{3}{4}$ ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S15}{S22}$
	1940
	from which
	A juniper, 4 ins. diam., bears N. 88° E., 380 lks. dist., marked $\frac{1}{4}$ S 15 B T.
	A juniper, 12 ins. diam., bears S. $14\frac{3}{4}^{\circ}$ E., 136 lks. dist., marked $\frac{1}{4}$ S 22 B T.
	Descend 58 ft. over W. slope.
42.44	Flag "B" of triangulation. Discontinue chaining, measurement obtained by triangulation, as hereinbefore described.
43.00	(Approx.) Canyon rim, bears N. and S., faces W. Descend approximately 770 ft. over cliffs.
76.00	(Approx) Wash, 20 lks. wide, in bottom of canyon, course S. 10° W. Asc. over E. slope.
80.20	The cor. of secs. 15, 16, 21 and 22.
	Land, mountainous.
	Soil, rocky, 4th. rate.
	Timber, pinyon pine and juniper; undergrowth, blackbrush, Spanish dagger and cliff rose.
	N. $0^{\circ} 02'$ W., bet. secs. 15 and 16.
	Over mountainous land, through scattering timber and undergrowth; ascend 52 ft. over E. slope.
8.15	Spur, slopes E.; descend 26 ft. over N. slope.
10.00	Ravine, course S. 80° E.; ascend 55 ft. over S. slope.

Survey: Subdivision of T. 35 N., R. 14 W.

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Chains.

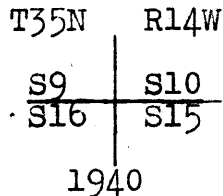
- 12.73 Spur, slopes S. 80° E.; descend gradually.
- 16.70 Bottom of descent; ascend 324 ft. over broken SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



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

Ascend 133 ft. over steep E. slope.

- 49.98 Spur, slopes S. 15° W. Set flag for triangulation. Descend 315 ft. over steep NW. slope.
- 62.07 Drain, course N. 80° W.; descend 219 ft. over W. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for the cor. of secs. 9, 10, 15 and 16, with brass cap marked



No suitable bearing trees available.

Land, mountainous.

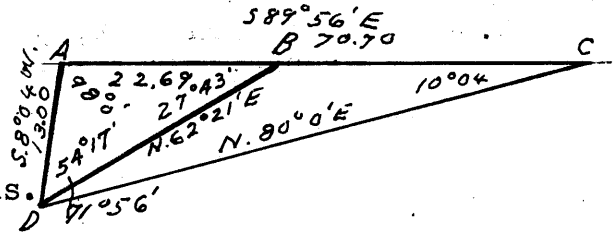
Soil, rocky, 4th. rate.

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

- S. 89° 56' E., on a random line, bet. secs. 10 and 15.
- 9.52 To obtain distance over cliffs ahead on line, triangulate as follows:-
- Designate this station as "A" and set a flag ahead on line, designated as "B", and a second flag on line, 5 lks. N. of the cor. of secs. 10, 11, 14 and 15, designated as "C". From "A" lay off a base, S. 8° 04' W., 13.00 chs., to station designated as "D", from which the flag at "B" bears N. 62° 21' E., and the flag at "C" bears N. 80° 00' E.
- The included angles of the triangle "A-B-D" are 98° 00', 27° 43' and 54° 17', the sum of which is 180°.
- The included angles of the triangle "A-C-D" are 98° 00', 10° 04' and 71° 56', the sum of which is 180°.
- The vertical angle from "A" to "B" is + 6½°

Chains.

Chained dist. to
 "A" = 9.52 chs.
 Tri. dist., "A"
 to "B" = 22.69 " ✓
 Dist. to "B" = 32.21 " ✓
 Chained dist. to
 "A" = 9.52 chs.
 Tri. dist., "A" to
 "C" = 70.70 " ✓
 Dist. to "C" = 80.22 " ✓



- 32.21 Flag "B" of triangulation; commence chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 Discontinue chaining, distance to "C" obtained by triangulation, as hereinbefore described.
- 80.22 Flag "C" of triangulation. Intersect N. and S. line, .5 lks. N. of the cor. of secs. 10, 11, 14 and 15.
- Thence
 N. $89^{\circ} 54'$ W., on true line, bet. secs. 10 and 15.
 Dist. obtained by triangulation, as hereinbefore described. Over mountainous land, through scattering timber and undergrowth; descend over cliffs and rimrock.
- 8.22 (Approx.) Bottom of canyon, course SW.
- 35.00 (Approx.) Spur, slopes SE., cliffs 100 ft. high, facing S. Descend over cliffs.
- 40.11 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ $\frac{S10}{S15}$
- 1940
- No suitable bearing tree available.
- 40.22 Commence chaining, as hereinbefore described. Descend 36 ft. over W. slope.
- 45.44 Canyon, course S.; ascend 71 ft. over E. slope.
- 48.01 Spur, slopes S. 10° W.; descend 242 ft. over cliffs. Discontinue chaining, distance obtained by triangulation as hereinbefore described. Flag "B" of triangulation, bears north 2 lks.
- 68.22 (Approx.) Bottom of winding canyon, course NW. Ascend over cliffs.
- 70.70 Flag "A" bears north 16 lks. Resume chaining. Ascend 17 ft. over E. slope.
- 75.17 Point of spur, slopes N.; descend 156 ft. over W. slope.

chains

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

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

N.0°02'W., bet. secs. 9 and 10.

Over mountainous land, thru scattering timber and undergrowth; descend 160 ft. over N. slope.

8.92 Wash, 75 lks. wide, in bottom of canyon, course W.; ascend 310 ft. over cliffs on S. slope.

25.65 Saddle, bears E. and W., in spur, slopes W.; desc. 186 ft. over N. slope.

35.21 Wash, in bottom of canyon, 10 lks. wide, course W.; ascend 35 ft. over S. slope.

38.03 Saddle, bears N.30°W. and S.30°E., in spur, slopes N.30°W. Descend 45 ft. over NE. slope.

40.00 Set a limestone, 16x8x4 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face.

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

No iron post available.

Descend gradually.

41.90 Wash, in bottom of canyon, 20 lks. wide, course NW.; thence along W. slope.

55.57 Wash, 50 lks. wide, cut banks 10 ft. high, course W.; ascend 81 ft. over SW. slope.

63.77 Spur, slopes NW.; thence over broken land.

76.36 Spur, slopes N.80°W.; desc. 35 ft. over N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with + marked on bedrock at base of post, and in a mound of stone to top, for the cor. of secs. 3,4,9 and 10, with brass cap mkd.

T35N R14W
S 4 | S 3
S 9 | S 10

1940

No suitable bearing trees available.

Land, heavily rolling, and mountainous.
Soil, rocky, 4th rate.
Timber, juniper, Joshua trees and pinyon pine.
Undergrowth, blackbrush, Spanish dagger and cliff rose.

chains

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

To obtain line and measurement over cliffs ahead on line, offset as follows:

North, 2.66 chs.

Thence

S.89°54'E., 34.47. " on offset line.

Thence

South, 2.66 " to

34.47

Point on random line on top of precipitous slope.

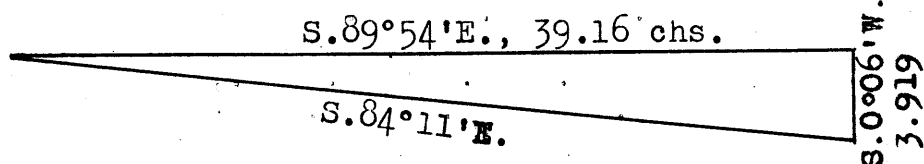
Vertical angle to flag ahead on random line = -9°;

auxiliary flag bears S.84°11'E.; from flag on random line

the auxiliary flag bears S.0°06'W., 3.919 chs. dist.;

all bearings checked by direct rading of the solar, and

all angles checked by deflection:



Dist. on random line =34.47 chs.

Dist. by triangulation =39.16 "

73.63 "Dist. by continued
measurement6.37 "80.00 "

80.00

Intersect N. and S. line, 16 lks. N. of the cor. of secs. 2,3,10 and 11.

Thence

N.89°47'W., on true line, bet. secs. 3 and 10.

Over mountainous land, thru scattering timber and undergrowth; ascend 167 ft. over NE. slope.

6.37 Spur, slopes N.; ascend 275 ft. to witness $\frac{1}{4}$ sec. cor.

23.00 (Approximate) Spur, slopes N.; descend over cliffs.

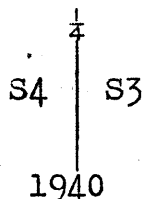
35.00 (Approximate) Bottom of canyon, course N.; ascend over cliffs.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on face of cliff where it is impracticable to establish a permanent corner monument.

Chains.

- 41.70 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 marked
- $\frac{1}{4} \frac{S3}{S10} WC$
- 1940
- raised a mound
- of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
- Ascend 134 ft. over steep NE. slope.
- 45.53 Flag "A" of triangulation brs. N. 6 lks. Thence by offset as hereinbefore described. The following topography is on true line. Ascend 113 ft.
- 50.98 (Approx.) Point of spur, slopes NW.; descend 356 ft. over NW. slope.
- 62.00 (Approx.) Descend 70 ft. over cliffs.
- 65.00 (Approx.) Descend 241 ft. along S. rim of canyon; cliffs face N.
- 80.00 The cor. of secs. 3, 4, 9 and 10.
- Land, mountainous.
Soil, rocky, 4th. rate.
Timber, Joshua trees; undergrowth, blackbrush, Spanish dagger, cacti and greasewood.
-
- N. $0^{\circ} 09'$ E., on a random line, bet. secs. 3 and 4.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.20 Intersect N. bdy. of Tp., 33 lks. E. of the cor. of secs. 3, 4, 33 and 34,
- Thence
- S. $0^{\circ} 05'$ E., on true line, bet. secs. 3 and 4.
- Over broken and mountainous land; through scattering timber and undergrowth; descend 42 ft. over S. slope.
- 2.06 Wash, 200 lks. wide, course W.; ascend 70 ft. over N. slope.
- 12.81 Spur, slopes W.; descend 60 ft. over S. slope.
- 17.91 Wash, 30 lks. wide, course W.; thence over rolling foothills. at base of Grand Wash Cliffs.
- 29.53 Wash, 20 lks. wide, course W.; ascend 173 ft. over NW. slope.
- 38.64 Spur, slopes S. 30° W.; descend 23 ft. over SE. slope.
- 40.20 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains.



No suitable bearing tree available.

Descend 152 ft. over S. slope.

52.85 Wash, 100 lks. wide, course W., at mouth of canyon, from SE.; ascend 46 ft. over N. slope.

58.06 Spur, slopes W.; continue ascent 227 ft. along general W. slope.

64.58 Point of spur, slopes W.; continue ascent 102 ft.

76.08 Spur, slopes SW.; descend 76 ft. over S. slope.

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

Land, broken and mountainous.

Soil, rocky, 4th. rate.

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

From the true point for the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of Tp. Witness cor. established under this group, 0.70 chs. N. 89° 55' W., as described in the field notes of the survey of the N. bdy. of T. 34 N., R. 14 W.,

N. 0° 03' W., bet. secs. 32 and 33.

Over mountainous land, through scattering Joshua trees and scattering undergrowth; descend 150 ft. over N. slope.

1.06 Bottom of canyon, course W.; ascend 198 ft. over steep S. slope.

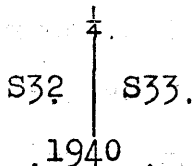
8.08 Spur, slopes S. 40° W.; descend 33 ft. over NW. slope.

11.38 Drain, course S. 40° W.; ascend 70 ft. over SE. slope.

22.05 Spur, slopes S. 40° W.; descend 202 ft. over NW. slope.

33.50 Bottom of canyon, course NW.; continue descent 165 ft. along steep W. slope.

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



No suitable bearing trees available.

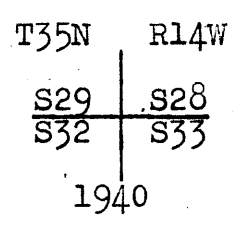
Descend 15 ft. over N. slope.

40.59 Bottom of canyon, course W.; ascend 251 ft. over steep S. slope.

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.

- 47.07 Top of rim, bears N., from SE.; descend 109 ft. along W. slope.
- 65.25 Point of spur, slopes N. 60° W.; continue descent 66 ft. along broken W. slope.
- 70.55 Sawtooth spur, slopes N. 80° E., descend 161 ft. over NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the cor. of secs. 28, 29, 32 and 33, with brass cap marked



No suitable bearing trees available.

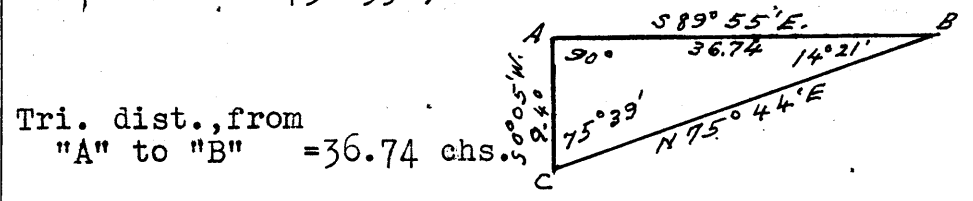
Land, mountainous.
 Soil, rocky, 4th. rate.
 Timber, Joshua trees; undergrowth, blackbrush, Spanish Dagger and cacti.

S. 89° 55' E., on a random line, bet. secs. 28 and 33.

To obtain measurement over cliffs, triangulate as follows:-

Designate the cor. of secs. 28, 29, 32 and 33 as "A" and set a flag ahead on line, designated as "B". From "A" measure a base, S. 0°05' W., 9.40 chs., to station designated as "C"; from which the flag at "B" bears N. 75° 44' E.

The included angles of the triangle "A-B-C" are 90°00', 14° 21' and 75° 39', the sum of which is 180°.



Tri. dist., from
 "A" to "B" = 36.74 chs.

36.74 Flag "B" of triangulation. Commence chaining.

40.00 Set temp. 1/4 sec. cor.

40.11 To obtain measurement over cliffs; discontinue chaining and triangulate as follows:-

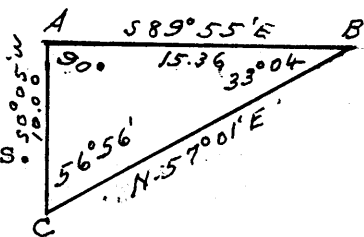
Designate this station as "A" and set a flag ahead on line, designated as "B".

From "A" measure a base, S. 0° 05' W., 10.00 chs., to station designated as "C", from which the flag at "B" bears N. 57° 01' E.

The included angles of the triangle "A-B-C" are 90° 00', 33° 04' and 56° 56', the sum of which is 180°.

Chains.

Chained and tri.
 dist. = 40.11 chs.
 Tri. dist., "A"
 to "B" = 15.36 "
 Total dist. = 55.47 "

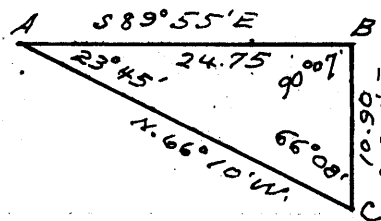


55.47 Flag "B" of triangulation. From this point, which is the longest distance possible to obtain by the triangulation above described, continue line and measurement over cliffs by triangulation, as follows.

Designate this station as "A" and set a flag ahead on line, 12 lks. S. of the cor. of secs. 27, 28, 33 and 34, designated as "B". From "B" measure a base, S. 0° 02' E., 10.90 chs., to station designated as "C", from which the flag at "A" bears N. 66° 10' W. The vertical angle from B to A is -5°.

The included angles of the triangle "A-B-C" are 23° 45', 90° 07' and 66° 08', the sum of which is 180°.

Chained and tri.
 dist. = 55.47 chs.
 Tri. dist., "A"
 to "B" = 24.75 "
 Total dist. = 80.22 "



80.22 Flag "B" of triangulation. Intersect N. and S. line, 12 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence from cor.,

West, on true line; bet. secs. 28 and 33.

Over mountainous land, through scattering timber and undergrowth; descend approx. 300 ft. over cliffs on W. slope.

12.00 (Approx.) Bottom of canyon, course S. 10° W. Ascend approx. 445 ft.

24.75 Flag "A" brs. south 8 lks. Continue measurement by triangulation, as hereinbefore described; Spur; slopes S. 10° W.

40.11 Flag "A" of second triangulation bears S. 6 lks.

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

$\frac{1}{4}$ $\frac{S28}{333}$

1940

Commence chaining.

43.48 Flag "B" brs. south $5\frac{1}{2}$ lks. Discontinue chaining, measurement obtained by triangulation, as hereinbefore described. Rim of canyon, bears NW. and SE. Descend over cliffs.

Survey; Subdivision of T. 35 N., R. 14 W.

Chains.

72.00 (Approx.) Bottom of Squaw Canyon, course NW.; ascend over NE. slope.

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

Land, mountainous.
Soil, rocky, 4th. rate.
Timber, Joshua trees; undergrowth, blackbrush, cliff rose and Spanish dagger.

N. 0° 03' W., bet. secs. 28 and 29.

Over mountainous land, through scattering timber and undergrowth; descend 231 ft. over NE. slope.

10.02 Wash, 70 lks. wide, in bottom of Squaw Canyon. course W., from S. 30° E.; ascend 77 ft. over W. slope.

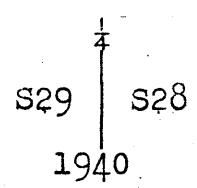
16.43 Top of ascent; descend 30 ft. over NW. slope.

17.65 Canyon, course SW., from E.; ascend 319 ft. over SE. slope.

24.54 Spur, slopes S. 10° W.; thence along W. slope.

29.90 Saddle in spur, slopes SW.; descend 120 ft. over NW. slope.

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



Descend 26 ft. over NW. slope.

41.92 Canyon, course SW.; ascend 180 ft. over SW. slope.

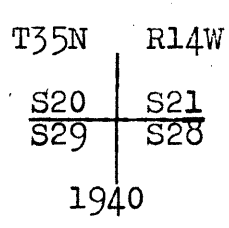
53.34 Spur, slopes SW.; descend 93 ft. over cliffs on N. slope.

63.61 Wash, in bottom of canyon, 40 lks. wide, course W.; ascend 170 ft. over S. slope.

71.00 Junction of spurs, sloping S. 10° W., and W.; descend 185 ft. over NW. slope.

79.00 Canyon, course S. 80° W.; ascend 30 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for the corner of secs. 20, 21, 28 and 29, with brass cap marked



Chains.	
	Land, mountainous. Soil, rocky, 4th. rate. Timber, scattering Joshua trees; undergrowth, blackbrush, Spanish dagger, greasewood and cacti.
	East, on a random line, bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.30	Intersect N. and S. line, 21 lks. N. of the cor. of secs. 21, 22, 27 and 28.
	Thence
	N. $89^{\circ} 51'$ W., on true line, bet. secs. 21 and 28.
	Over mountainous land, through scattering timber and under- growth; descend gradually.
2.30	Wash, in bottom of canyon, 50 lks. wide, ^{from N. 70° E.} course N. 10° W., for 40 chs, then W. ; ascend 200 ft. over E. slope.
7.38	Spur, slopes N. 10° W.; descend 114 ft. over broken land, along N. slope.
31.80	Head of canyon, course N. 10° E.; ascend 208 ft. over steep NE. slope.
39.92	Spur, slopes N. 10° E.; descend 8 ft. over W. slope.
40.15	Top of divide and lower Grand Wash cliffs, bears N. and S.; rim faces W.
	Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S21}{S28}$
	1940
	Descend 688 ft. over broken, rocky SW. slope.
72.51	Canyon, course N. 80° W.; continue descent 46 ft.
79.32	Canyon, course S. 80° W., at junction with canyon from SE.; ascend gradually.
80.30	The cor. of secs. 20, 21, 28 and 29.
	Land, mountainous. Soil, rocky, 4th. rate. Timber, scattering Joshua trees; undergrowth, blackbrush, Spanish dagger and cliff rose.

Chains.

N. 0° 03' W., bet. secs. 20 and 21.

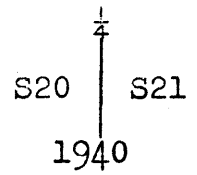
Over mountainous land, through scattering Joshua trees, and undergrowth; ascend 280 ft. over SE. slope.

10.14 Sawtooth spur, slopes SE.; continue ascent 35 ft. along E. slope.

14.31 Saddle in spur, slopes S. 30° W.; continue ascent 40 ft. over W. slope.

24.27 Saddle in rim of lower Grand Wash Cliffs, bears E. and W., descend 142 ft. along NW. slope.

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



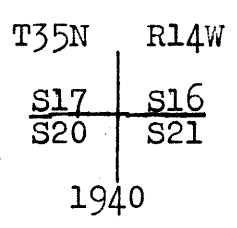
Descend 99 ft. along NW. slope.

47.17 Drain, course N. 80° W.; ascend gradually.

50.57 Spur, slopes N. 80° W.; descend 409 ft. over NW. slope.

76.59 Wash, 200 lks. wide, course S. 60° W.; ascend gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 2 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. 16, 17, 20 and 21, with brass cap marked



Land, mountainous.

Soil, rocky, 4th. rate.

Timber, scattering Joshua trees; undergrowth, blackbrush, greasewood, Spanish Dagger and cacti.

S. 89° 51' E., on a random line, bet. secs. 16 and 21.

40.00 Set temp. 1/4 sec. cor.

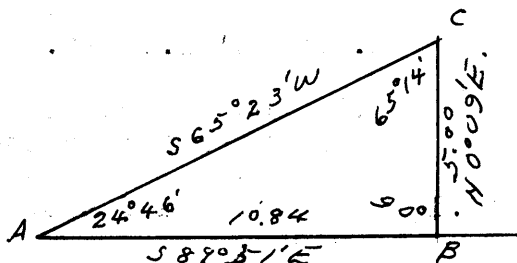
74.26 Discontinue chaining, owing to precipitous cliffs ahead on line, and triangulate as follows:-

Set a flag at this station, designated as "A" and a flag ahead on line, designated as "B". From "B" measure a base, N. 0° 09' E., 5.00 chs.; to station designated as "C", from which the flag at "A" bears S. 65° 23' W.

The included angles of the triangle "A-B-C" are 24° 46', 90° 00' and 65° 14', the sum of which is 180°.

Chains.

Chained dist.
to "A" = 74.26 chs.
Tri. dist., "A"
to "B" = 10.84 "
Total dist. = 85.10 "



- 85.10 Flag "B" of triangulation. By return measurement, N. 89° 51' W., 5.10 chs., to
- 80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16, 21 and 22.
- Thence
- N. 89° 50' W., on true line, bet. secs. 16 and 21.
- Measurement obtained by triangulation, as hereinbefore described.
- Over mountainous land, through scattering timber and undergrowth; ascend 264 ft. over cliffs, facing E.
- 5.74 Flag "A" of triang. ^{1.9 lks.} N. Top of cliffs, bearing N. and S. Commence chaining. Descend 118 ft. over W. slope.
- 10.00 Head of canyon, course S.; ascend 16 ft. over rocky and broken E. slope.
- 20.25 Fork of spurs, sloping S. 20° E. and S. 20° W.; descend 269 ft. over W. slope.
- 35.08 Bottom of canyon, course S. 30° W.; ascend 113 ft. over SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1940

Ascend 128 ft. over steep E. slope.

- 47.25 Spur, slopes S.; descend 133 ft. along S. slope.
- 55.36 Spur, slopes SW.; descend 457 ft. over W. slope.
- 70.96 Ravine, course SW.; continue descent 136 ft.
- 79.00 Base of lower Grand Wash Cliffs, bears N. and S.
- 80.00 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous.

Soil, rocky, 4th. rate.

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

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.

N. 0° 03' W., bet. secs. 16 and 17.

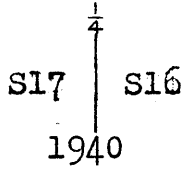
Over rolling land, through scattering Joshua trees and undergrowth; descend 6 ft. over NE. slope.

3.00 Drain, course NW.; thence over rolling land.

5.00 Wash, 10 lks. wide, course NW., from E.; descend 22 ft. over rolling land.

29.53 Wash, 20 lks. wide, course W.

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

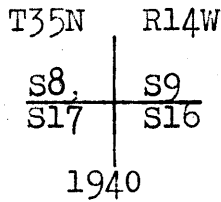


of stone, 3 ft. base, 2 1/2 ft. high, W. of cor. raise a mound

Continue over rolling land.

78.60 Wash, 10 lks. wide, course SW.; 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. 8, 9, 16 and 17, with brass cap marked



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

Land, rolling.

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

Timber, Joshua trees; undergrowth, greasewood, Spanish dagger, Mormon tea and cacti.

S. 89° 50' E., on a random line, bet. secs. 9 and 16.

32.76 To obtain measurement over cliffs of lower Grand Wash cliffs, triangulate as follows:-

Designate this station as "A" and set a flag ahead on line, 10 lks. N. of the cor. of secs. 9, 10, 15 and 16, designated as "B". From "B" measure a base, S. 0° 02' E., 30.12 chs., to flag on line bet. secs. 15 and 16, designated as "C"; from which the flag at "A" bears N. 57° 23' W.

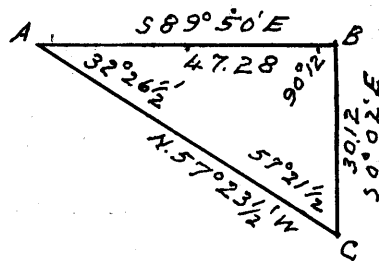
The included angles of the triangle "A-B-C" are 32° 26', 90° 12' and 57° 21', the sum of which is 180°.

Survey: Subdivision of T. 35 N., R. 14 W.

58

Chains

Tri. dist.
to "A" = 47.28 chs.



80.04 Flag "B" of triangulation. Intersect N. and S. line, 10 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence.

N. 89° 46' W., on true line, bet. secs. 9 and 16.

Measurement obtained by chaining.

Over mountainous land, through scattering Joshua trees and undergrowth; descend 292 ft. over W. slope.

16.28 Wash, 50 lks. wide, course S. for 2.00 chs., thence W., from S.; ascend 60 ft. along S. slope.

24.91 Point of spur, slopes SW.; Descend 141 ft. over W. slope.

38.51 Wash, 100 lks. wide, in bottom of canyon, course NE., from SE.; ascend over cliffs.

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

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

1940

Discontinue chaining, distance obtained by triangulation, as hereinbefore described.

47.28 Flag "A" of triangulation. Commence chaining. Spur, slopes N., top of sheer cliffs, bear N. and S.; facing E.

51.83 Descend 654 ft. over steep W. slope.

67.49 Base of Lower Grand Wash Cliffs; bears N. and S.; continue gradual descent over rolling land.

78.60 Wash, course SW.

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

Land; mountainous.

Soil, rocky, 4th. rate.

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

N. 0° 03' W., bet. secs. 8 and 9.

Over nearly level land, through scattering Joshua trees, and undergrowth.

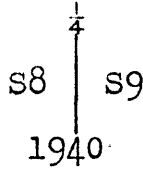
15.00 Wash, 25 lks. wide, course SW.

19.40 Wash, 25 lks. wide, course S. 70° W., cut banks 2 ft. high.

22.40 Wash, 50 lks. wide, course W.

Chains.

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



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

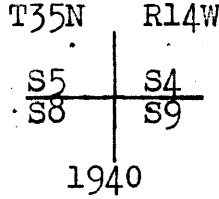
Continue over nearly level land.

66.80 Wash, 10 lks. wide, course W.

76.45 Wash, 10 lks. wide, course SW., from E.; ascend 32 ft. over S. slope.

80.00 Spur, slopes S. 80° W.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 4, 5, 8 and 9, with brass cap marked



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

Land, nearly level.

Soil, sandy and gravelly, 3rd. rate.

Timber, Joshua trees; undergrowth, greasewood, Spanish dagger and cacti:

S. $89^\circ 46'$ E., on a random line, bet. secs. 4 and 9.

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

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

Thence

N. $89^\circ 44'$ W., on true line, bet. secs. 4 and 9.

Over rolling land, through heavy Joshua trees and undergrowth; descend 210 ft. over SW. slope.

24.28 Wash, 20 lks. wide, course N. 20° W.; ascend 14 ft. over E. slope.

25.26 Spur, slopes N. 10° W.; descend 94 ft. over W. slope.

40.13 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

60

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.

$$\frac{1}{4} \frac{S4}{S9}$$

1940

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

Descend 144 ft. over W. slope.

70.25 Wash, 10 lks. wide, course S. 60° W., thence over nearly level land.

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

Land, rolling.

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

Timber, Joshua trees; undergrowth, greasewood, Spanish dagger and cacti.

N. 0° 05' W., on a random line, bet. secs. 4 and 5.

40.00 Set temp. ¼ sec. cor.

80.13 Intersect N. bdy. of Tp., 35 lks. W. of the cor. of secs. 4, 5, 32 and 33.

Thence

S. 0° 10' W., on true line, bet. secs. 4 and 5.

Over rolling land, through heavy Joshua trees, and scattering undergrowth.

1.24 Wash, 40 lks. wide, course W.

11.24 Wash, 40 lks. wide, cut banks 4 ft. deep, course W.

20.13 Wash, 20 lks. wide, course W.

30.43 Wash, 30 lks. wide, cut banks 4 ft. deep, course W.

40.13 Set an iron post, 3 ft. long, 1 in. diam., 13 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}$$

$$S5 \quad | \quad S4$$

1940

No suitable bearing tree available.

49.37 Wash, 50 lks. wide, course W.; continue over rolling land.

67.04 Dim road, bears E. and W.

79.63 Dim road, bears N. 80° E. and S. 80° W.

Survey: Subdivision of T. 35 N., R. 14 W.

Chains.

- 80.13 The cor. of secs. 4, 5, 8 and 9.
Land, rolling.
Soil, sandy and gravelly, 3rd. rate.
Timber, Joshua trees; undergrowth, greasewood, Spanish dagger and cacti.

- From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of Tp., established under this group, as described in the field notes of the survey of the N. bdy. of T. 34 N., R. 14 W.,
N. 0° 03' W., bet. secs. 31 and 32.
Over rolling land, through Joshua trees, and undergrowth.
- 5.00 Spur, slopes SW; descend 34 ft. over N. slope.
- 11.53 Wash, course W.; thence over rolling land.
- 22.85 Wash, 10 lks. wide, course W. for 2.00 chs., thence SW.
- 23.95 Wash, 10 lks. wide, course SW.; ascend 17 ft. over SW. slope.
- 27.64 Spur, slopes S. 60° W.; descend 34 ft. over NW. slope.
- 31.30 Drain, course S. 60° W.; ascend 79 ft. over SW. slope.
- 36.15 Spur, slopes S. 60° W.; descend 36 ft. over NW. slope.
- 38.59 Wash, 10 lks. wide, course S. 80° W.; ascend 36 ft. over SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, with granite stone 4x3x1 ins., marked X deposited at base and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

S31 | S32
1940
- No suitable bearing trees available.
Ascend 81 ft. over SW. slope.
- 45.83 Spur, slopes S. 60° W.; descend 110 ft. over NW. slope.
- 59.78 Wash, 20 lks. wide, course SW.; ascend 123 ft. over S. slope.
- 71.17 Spur, slopes S. 60° W.; descend 92 ft. over NW. slope.
- 78.44 Wash, 10 lks. wide, course S. 60° W.; ascend 26 ft. over S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 2 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. 29, 30, 31 and 32, with brass cap marked

Chains.

T35N	R14W
S30	S29
S31	S32
1940	

No suitable bearing trees available.

Land, rolling.

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

Timber, Joshua trees; undergrowth, greasewood, cacti,
Spanish dagger and blackbrush.

- S. 89° 55' E., on a random line, bet. secs. 29 and 32,
40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N. and S. line, 10 lks. S. of the cor. of secs.
28, 29, 32 and 33.
- Thence
- N. 89° 59' W., on true line, bet. secs. 29 and 32.
- Over rolling land, through Joshua trees and undergrowth,
ascend 110 ft. over NE. slope.
- 4.30 Descend 110 ft. over E. slope.
- 6.26 Spur, slopes N.; descend 73 ft. over W. slope.
- 18.31 Bottom of canyon, course N.; ascend 118 ft. over E. slope.
- 22.61 Spur, slopes N. 10° E.; descend 26 ft. over N. slope.
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 13 ins. in the
ground, to bedrock, with X marked on bedrock at base of
post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.,
with brass cap marked

$\frac{1}{4}$	S29
	S32

1940

No suitable bearing trees available.

Along top of spur, slopes W., from SE.

- 54.47 Leave spur, at forks, slopes N. 80° W. and S. 60° W.; de-
scend 103 ft. over general NW. slope.
- 62.14 Head of drain, course N. 80° W.; continue descent.
- 75.58 Wash, 10 lks. wide, course S. 60° W.; thence over SE. slope.
- 79.98 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.

Soil, rocky, 4th. rate.

Timber, Joshua trees; undergrowth, greasewood, Spanish
dagger and cacti.

Chains.

- N. 89° 55' W., on a random line, bet. secs. 30 and 31.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.51 Intersect W. bdy. of Tp., at the cor. of secs. 25, 30, 31 and 36, hereinafter described.
- Thence
- S. 89° 55' E., on true line, bet. secs. 30 and 31.
- Over rolling land, through Joshua trees and undergrowth; ascend 127 ft. over northwesterly slope.
- 19.54 Spur, slopes S. 60° W.; descend 24 ft. along southeasterly slope.
- 39.51 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ $\frac{S30}{S31}$
- 1940
- No suitable bearing trees available.
- Ascend 136 ft. over NW. slope.
- 45.42 Road, bears NW. and SE.
- 50.74 Spur ridge, slopes SW.; descend 20 ft. over SE. slope.
- 63.76 Drain, course SW.; ascend 58 ft. over NW. slope.
- 71.51 Spur, slopes S. 60° W.; descend gradually over SE. slope.
- 79.51 The cor. of secs. 29, 30, 31 and 32.
- Land, rolling.
Soil, sandy and rocky, 3rd. and 4th. rates.
Timber, Joshua Trees; undergrowth, greasewood, cacti, Spanish Dagger and blackbrush.
-
- N. 0° 03' W., bet. secs. 29 and 30.
- Over rolling land, through scattering timber and dense undergrowth; ascend 40 ft. over SE. slope.
- 2.94 Spur, slopes SW.; thence along W. slope.
- 5.96 Ridge, bears E. and W.; descend 198 ft. over N. slope.
- 24.71 Wash, 150 lks wide, in bottom of Squaw Canyon, course W.; ascend 53 ft. over S. slope.
- 36.94 Spur, slopes N. 80° W.; descend gradually; 52 ft.
- 39.84 Ravine; course N. 80° W.; ascend gradually.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S30. \quad | \quad S29 \\ \downarrow \\ 1940 \end{array}$$

No suitable bearing tree available.

Ascend 32 ft. over SW. slope.

52.98 Dim road, bears E. and W.

57.68 Spur, slopes NW.; descend 62 ft. over NE. slope.

67.62 Wash, 10 lks. wide, course NW. 2.00 chs. to junction with wash from E.

68.00 Wash, 10 lks. wide, course W., 2.00 chs. to junction with above wash; ascend 49 ft. over S. slope.

76.89 Spur, slopes N. 80° W.; descend 20 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the corner of secs. 19, 20, 29 and 30, with brass cap marked

T35N	R14W
S19	S20
S30	S29

. 1940

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

Land, rolling.

Soil, rocky, 4th. rate.

Timber, Joshua trees; undergrowth, blackbrush, cacti and Spanish dagger.

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

40.00 Set temp. ¼ sec. cor.

To obtain measurement over cliffs ahead on line, discontinue chaining and triangulate as follows:-

Designate this station as "A" and set a flag ahead on line, designated as "B". From "A" measure a base, S. 0° 01' W., 7.00 chs., to station designated as "C", from which the flag at "B" bears N. 76° 02' E.

The included angles of the triangle "A-B-C" are 90° 00', 13° 59' and 76° 01', the sum of which is 180°.

The vertical angle from "A" to "B" is +19°.

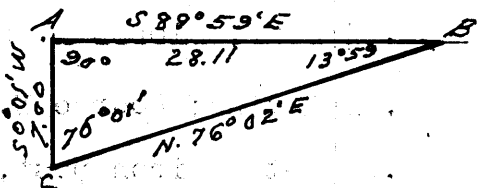
Chained dist.

to "A" = 40.00 chs.

Tri. dist.,

"A" to "B" = 28.11 "

Total dist. = 68.11 "



Chains.

68.11 Flag "B" of triangulation. Resume chaining.

79.94 Intersect. N. and S. line, 7 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence

N. 89° 56' W., on true line, bet. secs. 20 and 29.

Over rolling and mountainous land, through scattering Joshua trees, and undergrowth; ascend 206 ft. over SE. slope.

11.83 Flag "B" of triang. brs. N. ^{6 lks.} Top of Lower Grand Wash Cliffs, bears N. and S. Discontinue chaining, distance obtained by triangulation, as hereinbefore described. Descend 590 ft. over cliffs on W. slope.

29.94 (Approx.) Base of lower Grand Wash Cliffs, bears N. and S. Continue descent over rolling land.

39.94 Flag "A" of triangulation, brs. N. $3\frac{1}{2}$ lks..

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

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

1940

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

Over rolling land.

44.94 Drain, course N. 80° W.; ascend 38 ft. over NE. slope.

60.17 Spur, slopes N. 30° W.; descend 39 ft. over SW. slope.

64.56 Wash, 15 lks. wide, course N. 60° W.; ascend 80 ft. over NE. slope.

72.26 Spur, slopes N. 30° W.; descend 80 ft. over SW. slope.

78.94 Drain, course NW.; thence over gradual NE. slope.

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

Land, mountainous and rolling.

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

Timber, scattering Joshua trees; undergrowth, greasewood, Spanish dagger and cacti.

N. 89° 55' W., on a random line, bet. secs. 19 and 30.

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

79.41 Intersect W. bdy. of Tp., at the cor. of secs. 19, 24, 25 and 30, hereinafter described.

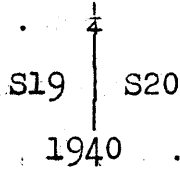
Thence

S. 89° 55' E., on true line, bet. secs. 19 and 30.

Chains.

- Over rolling land, through scattering timber, and dense undergrowth; ascend 11 ft. over gradual SW. slope.
- 6.82 Spur, slopes NW.; descend gradually over rolling land.
- 18.69 Ungraded road, bears NW. and SE. Descend 29 ft. over NE. slope.
- 24.37 Drain, course N. 30° W.; ascend 46 ft. over SW. slope.
- 29.32 Spur, slopes N. 30° W.; descend 14 ft. over gradual NE. slope.
- 39.40 Shallow drain, course N. 30° W.
- 39.41 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4} \frac{519}{330}$
- 1940
- raise a mound
- of stone, 2 ft. base, 2 ft. high, N. of cor.
- Ascend 77 ft. over SE. slope.
- 47.35 Spur, slopes N. 60° W.; descend 32 ft. over NE. slope.
- 56.33 Wash, 10 lks. wide, course N. 60° W.; ascend 130 ft. over SW. slope.
- 74.22 Spur, slopes N. 60° W.; descend 17 ft. over NE. slope.
- 79.41 The cor. of secs. 19, 20, 29 and 30.
- Land, rolling.
Soil, rocky, 4th. rate.
Timber, scattering Joshua Trees; undergrowth, blackbrush,
Spanish Dagger and cacti.
-
- N. 0° 03' W., bet. secs. 19 and 20.
- Over rolling land, through scattering timber and undergrowth; descend 9 ft. over NE. slope.
- 1.40 Drain, course N. 60° W.; ascend 39 ft. over SW. slope.
- 9.46 Spur, slopes N. 60° W.; descend 108 ft. over NE. slope.
- 23.51 Wash, 20 lks. wide, course N. 70° W.; ascend 23 ft. over SW. slope.
- 32.42 Spur, slopes N. 70° W.; descend 42 ft. over NE. slope.
- 38.18 Wash, 20 lks. wide, cut banks 8 ft. high, course W.; ascend gradually.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains.



No suitable bearing trees available.

Over nearly level land.

51.30 Wash, 20 lks. wide, 4 ft. cut banks, course W.

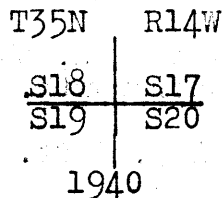
58.00 Wash, 25 lks. wide, course W.

63.90 Wash, 100 lks. wide, course W.

76.10 Wash, 10 lks. wide, course W.

77.90 Ungraded road, bears NW. and SE.

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 marked



raise a mound

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

Land, rolling and nearly level.

Soil, sandy and gravelly, 3rd. rate.

Timber, scattering Joshua trees; undergrowth, greasewood, Spanish dagger and cacti.

S. 89° 56' E., on a random line, bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

79.94 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 16, 17, 20 and 21.

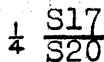
Thence

West, on true line, bet. secs. 17 and 20.

Over nearly level land, through scattering timber and undergrowth.

25.04 Wash, 50 lks. wide, course N. 80° W.

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



1940

No suitable bearing trees available.

Chains.

Continue over level land.

61.94 Point from which a sheep corral bears N., 12 chs. dist.

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

Land, nearly level.

Soil, sandy and gravelly, 3rd. rate.

Timber, Joshua trees; undergrowth, greasewood, cacti,
Spanish dagger and Mormon tea.

N. 89° 55' W., on a random line, bet. secs. 18 and 19.

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

79.36 Intersect W. bdy. of Tp., 18 lks. S. of the cor. of secs.
13, 18, 19 and 24, as described.

Thence

S. 89° 47' E., on true line, bet. secs. 18 and 19.

Over nearly level land, through heavy growth of Joshua
trees, and undergrowth.

6.58 Wash, 50 lks. wide, 3 ft. cut banks, course N. 60° W.

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

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

1940

No suitable bearing trees available.

Continue over nearly level land.

77.36 Ungraded road, bears NW. and SE.

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

Land, nearly level.

Soil, sandy and gravelly, 3rd. rate.

Timber, Joshua trees; undergrowth, greasewood, Mormon tea,
Spanish dagger and cacti.

N. 0° 03' W., bet. secs. 17 and 18.

Over nearly level land, through heavy growth of Joshua
trees and scattering undergrowth.

8.30 Ravine, course S. 80° W.

10.00 Ungraded road, bears E. and W.

21.80 Wash, 8 lks. wide, course W.

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

Chains.

S18

S17

1940

No suitable bearing trees available.

Continue over nearly level land.

45.70 Drain, 5 ft. deep, course W.

47.20 Drain, 5 ft. deep, course W.

55.60 Wash, 15 lks. wide, course S. 80° W.

62.00 Ungraded road, bears NE. and SW.

79.75 Drain, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 9 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, 8, 17 and 18, with brass cap marked

T35N

R14W.

S7

S8

S18

S17

1940

No suitable bearing tree available.

Land, nearly level.

Soil, sandy and gravelly, 3rd. rate.

Timber, Joshua trees, undergrowth, greasewood, Spanish dagger and cacti.

East, on a random line, bet. secs. 8 and 17.

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

79.90 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence

N. 89° 55' W., on true line, bet. secs. 8 and 17.

Over nearly level land, through scattering timber and undergrowth.

30.00 Wash, 10 lks. wide, course S. 80° W.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S8
S17

1940

Chains

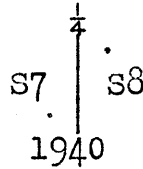
- Continue over nearly level land.
- 79.90 The cor. of secs. 7, 8, 17 and 18.
- Land, nearly level.
Soil, sandy, gravelly and rocky, 3rd. and 4th. rate.
Timber, Joshua trees, undergrowth, Spanish dagger and cacti.
-
- N. 89° 47' W., on a random line, bet. secs. 7 and 18.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.35 Intersect W. bdy. of Twp., 7 lks. S. of the cor. of secs. 7, 12, 13 and 18, here is a fence as described.
- Thence
- S. 89° 44' E., on true line, bet. secs. 7 and 18.
- Over nearly level land, through scattering timber and undergrowth.
- 11.85 Wash, 30 lks. wide, course S. 80° W. Cut banks 4 ft. deep.
- 24.35 Ungraded road, bears N. and S.
- 35.75 Drain, course N. 80° W.; thence along drain.
- 39.35 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ S7
S18.
- 1940
- No suitable bearing tree available.
- Continue along drain.
- 44.35 Leave drain. course S. 85° W., from NE.
- 59.35 Drain, course SW.
- 79.35 The cor. of secs. 7, 8, 17 and 18.
- Land, nearly level.
Soil, sandy and gravelly, 3rd. rate.
Timber, Joshua trees; undergrowth, greasewood, Spanish dagger, cacti and native grasses.
-
- N. 0° 03' W. bet. secs. 7 and 8.
- Over gently rolling land, through scattering timber and undergrowth.
- 14.00 Wash, 100 lks. wide, cut banks 2 ft. high, course W.
- 21.20 Wash, 30 lks. wide, course W.; ascend gradually.

Chains.

28.47 Rocky, low spur, slopes W.; descend 29 ft. over gradual NW. slope.

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

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

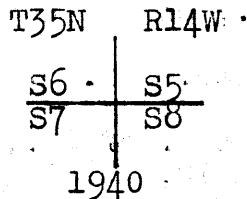


No suitable bearing tree available.

Thence over gently rolling land.

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

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



Land, gently rolling.

Soil, sandy and gravelly, 3rd. rate.

Timber, scattering Joshua trees; undergrowth, greasewood, Mormon tea, Spanish dagger and native grasses.

S. 89° 55' E., on a random line, bet. secs. 5 and 8.

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

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

Thence

N. 89° 56' W., on true line, bet. secs. 5 and 8.

Over rolling land, through scattering timber and undergrowth; ascend 11 ft. over gradual E. slope.

0.80 Ungraded road, bears N. 80° E. and S. 80° W.

12.00 Spur, slopes S. 80° W.; descend 88 ft. over gradual NW. slope.

39.95 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



1940

Chains.

- of stone, 3 ft. base, 2½ ft. high, N. of cor. raise a mound
- Continue over rolling land; descend 70 ft. over general W. slope.
- 49.94 Wash, 20 lks. wide, course N. 80° W.; continue over rolling land.
- 61.54 Same wash, course SW.; thence along wash.
- 73.34 Same wash, course N. 80° W.
- 76.34 Ungraded road, bears N. 80° E. and S. 80° W.
- 78.00 Wash, course N. 80° W.
- 79.90 The cor. of secs. 5, 6, 7 and 8.
- Land, rolling.
Soil, sandy and gravelly, 3rd. rate.
Timber, scattering Joshua Trees; undergrowth, greasewood, Spanish Dagger, Mormon tea and native grasses.
-
- N. 89° 44' W., on a random line, bet. secs. 6 and 7.
- 40.00 Set temp. ¼ sec. cor.
- 79.32 Intersect W. bdy. of Tp., 2 lks. N. of the cor. of secs. 1, 6, 7 and 12, as previously described.
- Thence
- S. 89° 45' E., on true line, bet. secs. 6 and 7.
- Over gently rolling land, through scattering timber and undergrowth; descend 99 ft. over E. slope.
- 4.32 Wash, 200 lks. wide, course S. 10° W.; thence over gently rolling land.
- 25.32 Wash, 20 lks. wide, course SW.
- 39.32 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to bedrock, with X marked on bedrock at base of post and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
- ¼ $\frac{S6}{S7}$
- 1940
- No suitable bearing trees available.
- 40.22 Ungraded road, bears N. 10° E. and SW. Continue over rolling land.
- 46.33 Wash, 50 lks. wide, course SW.
- 51.83 Same wash, course N. 80° W.; continue over rolling land.
- 79.32 The cor. of secs. 5, 6, 7 and 8.

Chains.

Land, rolling.
Soil, sandy and gravelly, 3rd. rate.
Timber, Joshua Trees; undergrowth, greasewood, Spanish
Dagger, cacti, Mormon tea and native grasses.

N. 0° 10' E., bet. secs. 5 and 6.

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

80.13 Intersect N. bdy. of Tp., 23 lks. E. of the cor. of secs.
5, 6, 31 and 32, bearings as described.

Thence

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

Over rolling land, through Joshua Trees and undergrowth;
descend 14 ft.

14.00 Ascend 40 ft. over N. slope.

25.73 Low spur, slopes W.; descend gradually over rolling land.

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

$\frac{1}{4}$
 S6 | S5
 1940

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

Continue over rolling land.

43.43 Wash, 100 lks. wide, course SW.

47.13 Wash, 5 lks. wide, course SW.

52.44 Wash, 100 lks. wide, 2 ft. cut banks, course S. 50° W.;
continue over rolling land.

79.78 Wash, 10 lks. wide, course W.

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

Land, rolling.

Soil, sandy and gravelly, 3rd. rate.

Timber, Joshua Trees, undergrowth, greasewood, Mormon tea,
cacti, Spanish Dagger and native grasses.

GENERAL DESCRIPTION.

T. 35 N., R. 14 W. is in the Colorado River drainage basin, the drainage being generally to the west, into Grand Wash. The lower Grand Wash Cliffs traverse the Twp. through the central and SW. portions; the eastern portion, above the cliffs being broken and mountainous and cut up by canyons, with high cliffy walls, while the portion to the west, beneath the cliffs is generally rolling. The average elevation above sea level of the eastern portion is 4800 ft., and that of the western portion 3000 ft.

The soil is generally rocky, 4th. rate, with some sandy and gravelly soil, 3rd. rate in the lower country to the northwest.

The principal canyon is Squaw Canyon, the south fork of which has a general NW. course through secs. 35, 34, 33, 29 and 30. The north fork has a general SW. course through sections 25 and 26, forming a junction with the south fork near the center of sec. 34. The watercourse in this canyon is dry except at flood periods. It is rimmed by high cliffs until it breaks through the lower Grand Wash Cliffs in sec. 29. There are also several canyons north of Squaw Canyon, with cliffy walls. These canyons have a general west course.

The timber is juniper, pinyon pine and Joshua trees. The growth is profuse in the eastern part of the Twp., but more sparse in the west portion. The undergrowth is blackbrush, Spanish dagger, greasewood, catclaw and cacti, with some Mormon tea.

The chief industrial possibility of the Twp. is stock grazing. A fair growth of native grasses, and the blackbrush; supply feed for the sheep, cattle and horses which range the area.

No settlers reside in the township, and no evidence of mineral deposits in any quantity was discovered during the progress of the survey.

FINAL TEST OF INSTRUMENT.

The continued satisfactory adjustment of Buff and Buff transit No. 16723 is indicated by the result of tests made on meridian, described in the field notes of T. 34 N., R. 14 W., established Feb. 5, 1940.

April 23, 1940: I make the proper settings on the arcs of the solar attachment and during the regular hours of solar work orient the instrument with the solar. The maximum error is less than 1'20".

BOOK 4292

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	"

BOOK 4292

CERTIFICATE OF UNITED STATES 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, 1939 received from the district cadastral engineer for Arizona, with assignment instructions dated April 11, 1939 and Jan. 17, 1940, I have surveyed the West and North Boundaries and Subdivisional Lines of Township 35 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

Feb. 10, 1941

Horace M. Muscott
Surveyor
General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF U.S. 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 35 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, 1939, and assignment instructions dated April 11, 1939 and 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 [redacted], is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.