3754

91

Book "H"
4—679

BOOK 3754

FIELD NOTES

OF THE SURVEY OF ~~THE~~

Part of the SOUTH boundary (W. 5½ m.)

Part of the EAST boundary (N. 5 m.)

All of the WEST boundary

All of the NORTH boundary and

All of the Subdivision lines of

Township 39 North, Range 6 East

Of the Gila and Salt River Base and Meridian,

In the State of ARIZONA

EXECUTED BY

William E. Hiester, U.S. Surveyor

and

David M. Daugherty, U.S. Transitman

In the capacity of U. S. Surveyor..., under Special Instructions dated January 4 *, 1924, issued by the United States Surveyor General to govern surveys included in Group No.* 126, Arizona *, which were approved by the Commissioner of the General Land Office,* March 12 *, 1924 , and Assignment Instructions dated* October 26 *, 1925.*

Survey commenced January 5 *, 1926*

Survey completed January 15 *, 1927.*

6—151

3754

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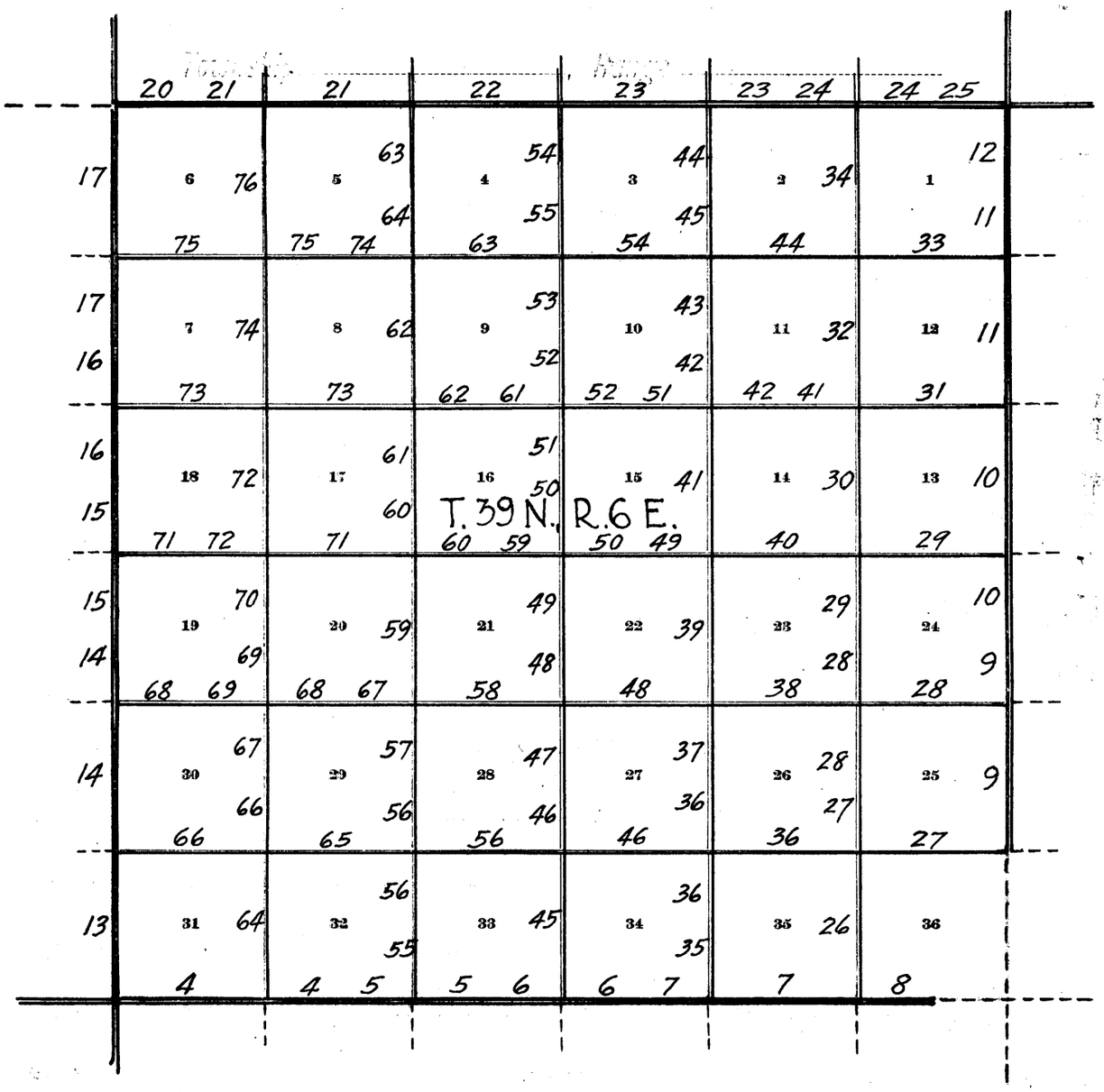
92

1A

BOOK "H"
GROUP 126 - ARIZONA

BOOK 3754

INDEX DIAGRAM.



Surveyed under this Group

" " current Group No. 139

Unsurveyed

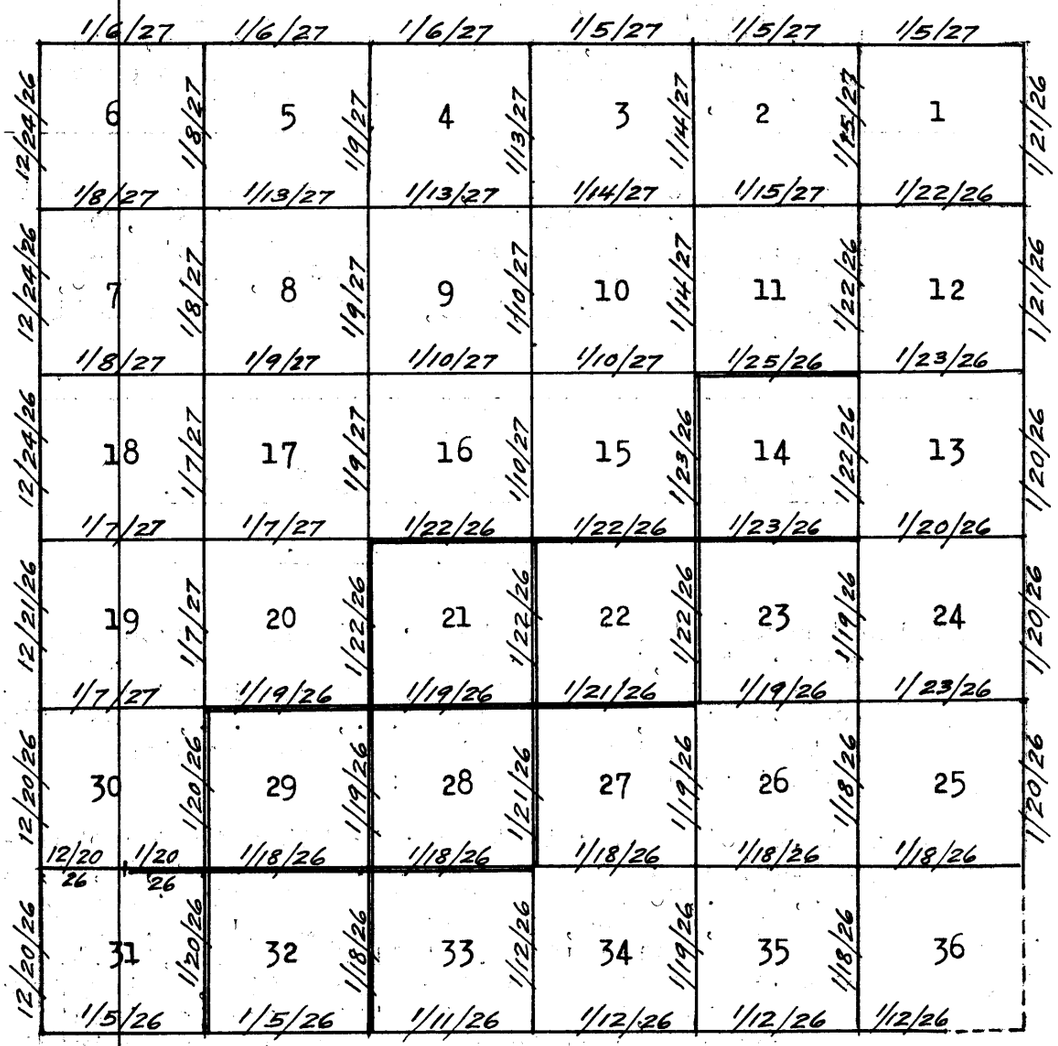
BOOK "H";

Group 126 Arizona.

Township 39 N., Range 6 E.

DATE DIAGRAM

1926-27



——— Surveyed by William E. Hiester, U.S.S. on dates shown thereon.

——— " " David M. Daugherty, U.S.T. " " " "

- - - - - Unsurveyed

The surveys hereinafter described were commenced on January 12,1926 and executed on dates shown on the diagram on page 1 hereof by William E Hiester,U.S. Surveyor,using Buff "Rocky Mountain Favorite"solar transits Nos.9977 and 9208 with U-shaped standards, 4½-inch horizontal circle ,4-inch vertical circle, and improved Smith solar attachment.and David M Daugherty,U.S.Transitman,using a Young and Sons transit No.8534 equipped with full vertical circle and improved Smith solar attachment. The horizontal limb of each of the above instruments is provided with two double verniers placed opposite to each other reading to single minutes of arc,which is also the least count of the verniers of the latitude and declination arcs.; Unless otherwise specified, all azimuth determinations are accomplished with the solar attachment,except the special observations on Polaris for meridian upon which to test the solar apparatus,as stated in the field notes.

The instruments were examined,tested on the true meridian at the Federal Building at Phoenix Arizona,found correct and were approved by the District Cadastral Engineer for Arizona and California,October 26, 1925 and November 17,1926,conditional upon satisfactory field tests.

°PRELIMINARY FIELD TEST OF INSTRUMENTS.

BUFF TRANSIT No.9977.

Examine the adjustments of the transit and correct all errors then,in order to test the solar apparatus by comparing its indications resulting from solar observations,made during a.m.,and p.m.,hours with a true meridian established by observations on Polaris;proceed as follows;

January 16,1926(the earliest practicable date for observation) At camp near the cor. of secs.27,28,33,and 34.,T39N.,R6E.of the Gila and Salt River Base and Meridian,Arizona, in Latitude 36°44'30"N. and Longitude 111°46'03"W. At $11^h 47^m 30^s$ p.m.,l.m.t. observe Polaris at western elongation,making four observations,two each with telescope in direct and reversed positions and mark the mean point in the line thus determined by a tack in peg driven firmly in the ground 10-chs.N.

Azimuth of Polaris at western elongation =1°21'30"

January 17,1926 At $7^h 45^m$ a.m.,lay off the azimuth of Polaris 1°21'30" to the east and mark the true meridian thus determined by a tack driven in a post set firmly in the ground 10-chs.N.

January 17, At $8^h 00^m$ a.m.,app.time, Set off 36°34½'N. on the lat.arc 20°44½' S.on the decl.arc and determine a meridian with the solar which agrees with the true meridian.

At apparent noon with the latitude arc unchanged,observe the sun on the meridian and obtain a reading of 20°45'S.on the decl.arc,which agrees with the computed declination of the sun.

At $4^h\ 00^m$ p.m., with the latitude arc unchanged, set off 20°41'S. on the decl. arc and determine a meridian with the solar which falls 1' in angular measure W. of the true meridian established by the Polaris observations.

As all solar observations, during the usual hours of solar work come within 1' of the true meridian, conclude that the adjustments of the instrument are satisfactory.

YOUNG AND SONS TRANSIT No.8534.

Examine the adjustments of the transit and find no errors, then to test the solar apparatus by comparing its indications, resulting from solar observations, made during a.m. and p.m., hours with the true meridian established by observations on Polaris; proceed as follows;

January 17, 1926., Set up instrument on the meridian, established last evening, and at $8^h\ 00^m$ a.m., app. time, set off 36°34'30" N. on the lat. arc, 20°44½' S. on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the post already set 10-chs. N.; This point falls 1' E. of the meridian established by the Polaris observation.

At apparent noon with the latitude arc unchanged, observe the sun on the meridian. the resulting reading on the declination arc is 20°45'+S. which agrees closely with the computed declination of the sun.

At $4^h\ 00^m$ p.m., app. time with the latitude arc unchanged, set off 20°41'S. on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the post already set 10-chs. N. on which the solar meridian falls 1½' W. of the true meridian established by the Polaris observations.

As all the solar observations, during the usual hours of solar work come within 1'30" of the true meridian established by the Polaris observations; conclude that the adjustments of the instrument are satisfactory.

BUFF TRANSIT No.9208.

The satisfactory adjustment of this instrument is attested as shown by the final test made at the conclusion of the survey of T38N., R4E. under Group No.139 Book "C"

Survey of part of the South boundary of T 39 N., R 6 E.

Chains	
	Begin at the cor. of Ts.38 and 39 N.,Rs.5 and 6.E.,which is an iron post 3 ins. in diam.projecting 8 ins. above ground,firmly set,properly marked and witnessed by a mound of stone S.
	Thence
	East on true line bet. secs.6 and 31
	Ascend 91 ft. over SW.slope over broken stony mountainous land.
6.28	Top of spur slopes S35°E.
	Descend 546 ft. over broken stony NE.slope.
38.92	(40.00-108 lks. convergency) The true point for ¼ sec.cor. of secs.6 and 31 falls in wash 8 lks. wide 2 ft. deep course S30°E. where prevailing conditions would destroy the corner,therefore continue line and measurement and at
40.30	Set an iron 3 ft. long,1 in. in diam.on bedrock,deposit a limestone 12x9x8 ins.marked with a cross (x) alongside,and raise a mound of stone 4 ft. base 3 ft. high around the post for witness cor.to ¼ sec. cor.,marked on brass cap

WC ¼ S 31 / S 6

1926

	Ascend 9 ft. over SW.slope.
41.90	Point of spur slopes SE.
	Descend 160 ft. over NE. slope.
51.36	Wash 20 lks. wide,4 ft. deep course N60°E.
	Ascend 158 ft. over NW.slope.
69.00	Top of spur slopes N45°E.
	Descend 293 ft. over SE.slope to
78.92	Set an iron post 3 ft. long, 2 ins. in diam.28 ins. in the ground for cor. of secs.5,6,31,and 32.,marked on brass cap

T39N | R6E
S 31 | S. 32
S 6 | S 5
T38N

1926

Raise a mound of stone 2 ft. base 2 ft. high W.of cor.

Land,broken and mountainous.
Soil,stony 4th.rate.
Timber,none.
Undergrowth,none.

	East on true line bet. secs.5 and 32.
	Descend 500 ft. over SE.slope over broken stony mountainous land.
34.00	Set an iron post 3 ft. long,1 in. in diam.28 ins. in the ground for witness cor. to the ¼ sec.cor.marked on brass cap

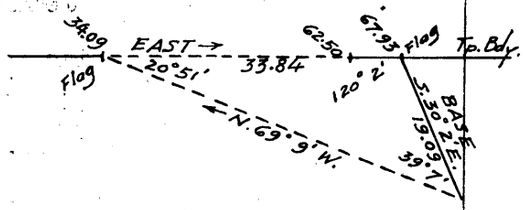
¼ S 32 / S 5 WC

1926

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

Survey of part of the South boundary of T 39 N., R 6 E.

Chains	
34.09	Top of precipitous cliffs, bears NE. and SW.; Discontinue chaining and triangulate as follows; Set a flag ahead on Tp.line. at foot of cliffs



Vertical angle to flag = 9°
From flag on Tp.line at foot of cliffs, measure a base S30°02'E. 19.09 chs. dist. from S. end of base, a flag at 34.09 ch. station on top of cliff bears N69°09'W

Dist. on Tp.line----------=34.09 chs.
Dist. by triangulation------=33.84 chs.
Total dist. on Tp.line----- =67.93 chs.

40.00	True point for ¼ sec. cor. falls in almost inaccessible place on precipitous SE. slope. Witness cor. established 6.00 chs. West as described above.
42.00	(Approx. dist.) Wash course SE.
62.50	(5.43 chs. by return measurement from triangulation point) Wash 30 lks. wide 7 ft. deep course S25°E.
67.93	Triangulation station. 338 ft. below W.C. Continue line and measurement by chaining. Over rolling land slopes SE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 4, 5, 32, and 33, marked on brass cap

T39N | R6E
S 32 | S 33
S 5 | S 4
T38N
1926

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

Land, rolling, broken, and mountainous.
Soil, stony 4 th. rate.
Timber, none.
Undergrowth, sagebrush and yucca.

East on true line bet. secs. 4 and 33.
Descend 63 ft. over SE. slope over rolling stony land.

17.86	Road to Lee's Ferry, bears NE. and SW.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 20 ins. in the ground to bedrock, deposit stone 18x10x2 ins. marked with a cross (x) at base, and raise a mound of stone 3½ ft. base 1½ ft. high around the post, for ¼ sec. cor. marked on brass cap

¼ S 33
S 4
1926

59.94	Wash 50 lks. wide 5 ft. deep, course SE. in bottom of narrow canyon
	Ascend 25 ft. over SW. slope.
62.98	Top of short spur slopes S25°E.
	Descend 27 ft. over NE. slope.
66.94	Same wash 50 lks. wide course NE.
	Ascend 36 ft. over NW. slope.

Survey of part of the South boundary of T 39 N., R 6 E.

Chains	
69.98	Top of short spur slopes N. Descend 119 ft. over E.slope.
80.00	The point for cor. of secs. 3,4,33,and 34,falls in same wash 50 lks. wide 4 ft. deep course SE. where prevailing conditions would cause the destruction of cor. Witness cor.to cor. of secs.3,4,33,and 34 established on Tp.line 50 lks. East,as hereinafter described.
	Land,rolling and broken. Soil,sandy and stony 4 th. rate. Timber,none. Undergrowth,sagebrush and yucca palms.

From true point for cor. of secs. 3,4,33,and 34.
East on true line bet. secs.3 and 34.
Over dry bed of sand wash.

.25	Left bank of sand wash 4 ft. high bears NW. and SE.thence over rolling stony land.
.50	Set an iron post 3 ft. long, 2 ins. in diam.6 ins.in the ground to bedrock,deposit stone 20x14x10 ins. marked with a cross (x) at the base,and raise a mound of stone 3½ ft. base 2½ ft. high around the post for witness cor. to cor. of secs.3,4,33,and 34.,marked on brass cap

WC | T39N R6E | S 33 S 34 | S 4 S 3 | T38N

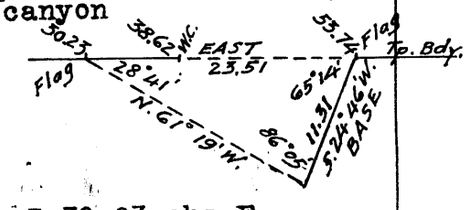
1926

3.50	Same sand wash 50 lks. wide 3 ft. deep course NE.
23.95	Same sand wash 50 lks. wide 4 ft. deep course S70°E.
	Ascend 106 ft. over SW.slope.
30.23	Top of spur slopes S.
	Descend 32 ft. over SE.slope to.
38.62	West or left rim of box canyon on cliff,bears NE.and SW.
	Set an iron post 3 ft. long, 1 in. in diam.on exposed limestone ledge,deposit stone 8x8x4 ins.alongside and raise a mound of stone 3½ ft. base 3 ft.high around the post for witness cor.to ¼ sec.cor., marked on brass cap.

¼ | S 34 / S 3 | WC

1926

Obtain dist.across canyon by triangulation as follows;
Set a flag on Tp.line on E.side of canyon
From this flag,measure a base
S24°46'W. 11.31 chs.dist.
from S.end of base a flag
at 30.23 ch.station on
Tp.line bears N61°19'W.



Dist.on Tp.line---------- = 30.23 chs.E
Dist.by triangulation---------- = 23.51 chs.E.
Total dist. 53.74 chs.

40.00	True point for ¼ sec. cor.falls in almost inaccessible place in bottom of box canyon (approx 150 ft.below

Chains	
	rim of canyon) course NE.
53.74	Triangulation point on E.side of canyon,continue line and measurement by chaining.
	Over broken NW.slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam.24 ins.in the ground for cor. of secs.2,3,34,and 35.,marked on brass cap

T39N \| R6E
S 34 \| S 35
S 3 \| S 2
T38N
1926

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

Land,broken.
Soil,stony 4th. rate.
Timber,none.
Undergrowth,sagebrush and yucca palm.

East on true line bet. secs.2 and 35.
Over broken stony land.

13.00	Top of spur slopes N20°E.
	Descend 64 ft. over SE. slope.
21.88	Wash 40 lks. wide 3 ft. deep course N.
	Ascend 75 ft. over W.slope.
39.50	Top of spur slopes N.
	Descend 121 ft. over E. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼ S 35
S 2

1926

Raise a mound of stone 4 ft. base 3½ ft. high N.of cor.

75.16	Wash 12 lks. wide 3 ft. deep course NE.
	Ascend over NW.slope.
80.00	Set an iron post 3 ft. long,2 ins. in diam.3 ins. in the ground to bedrock,deposit a stone 14x12x8 ins. marked with a cross (x) alongside,and raise a mound of stone 4½ ft. base 2½ ft. high around the post for cor. of secs.1,2,35,and 36.,marked on brass cap

T39N \| R6E
S 35 \| S 36
S 2 \| S 1
T38N
1926

Land,broken.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,sagebrush and yucca palm.

Survey of part of the South boundary of T 39 N., R 6 E.

Chains.	
	East on true line bet. secs.1 and 36.
	Over broken stony land.through sagebrush undergrowth.
3.75	Wash 12 lks. wide 1 ft. deep course N.
	Ascend 62 ft. over W. slope.
11.00	Top of spur slopes N.
	Descend 117 ft. over E. slope.
17.48	Wash 30 lks. wide 2 ft. deep course S30°E.
	Ascend 136 ft. over SW. slope.
33.00	Top of W.slope thence on N.slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam.8 ins. in the ground to bedrock,deposit stone 18x12x6 ins. marked with a cross (x) alongside,and raise a mound of stone 4 ft. base 2 ft. high around the post for ¼ sec. cor.,marked on brass cap

¼ S 36 / S 1

1926

At 13.00 chs.E.of this point the Tp.line intersects the west rim of the Grand Canyon which is impassable therefore,discontinue the survey of the S.bdy.of T39N.,R6E.at the ¼ sec. cor. of secs.1 and 36.

Land,broken.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,sagebrush and yucca palms.

Survey of part of the East boundary of T 39 N., R 6 E.

Chains	
	The SE.cor. of T39N.,R6E.being inaccessible, initiate the E.bdy.as follows;
	From the cor. of secs.1,2,35,and 36 on S.bdy.of the Tp., hereinbefore described, run North on a Tentative Survey No.1 W., bet.secs.35 and 36,80.00 chs., thence East on an Auxilliary Base Line bet. secs. 25 and 36, 80.00 chs.to the cor. of secs.25,30, 31,and 36,on E.bdy.of Tp.hereinafter established and described.
	Thence
	From the cor. of secs.25,30,31,and 36,hereinafter described.
	North bet. secs.25 and 30.
	Ascend 34 ft. over SE. slope over rolling sandy land.
40,00	Set an iron post 3 ft. long, 1 in. in diam.28 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼

S 25 | S 30

1926

	Raise a mound of stone 3 ft. base 2½ ft. high W.of cor.
60.00	Top of spur slopes NE.
	Descend 74 ft. over NW. slope.
68.80	Wash 15 lks. wide course E.
	Ascend over S. slope.
71.50	Top of spur slopes E.
	Descend 34 ft. over N. slope.
74.30	Same wash 15 lks. wide course NW. thence over W.slope
80.00	Set an iron post 3 ft. long, 2 ins. in diam.over cross (x) on exposed bedrock,deposit a stone 10x6x4 ins.,marked with a cross (x) at the base and raise a mound of stone 4 ft. base 3 ft. high around the post for cor. of secs.19,24,25,and 30,marked on brass cap

T39N

R6E | R7E

S 24 | S 19

S 25 | S 30

1926

Land,rolling.
Soil,stony 4 th. rate.
Timber,none
Undergrowth,sagebrush

	North bet. secs.19 and 24.
	Over rolling stony land,through sagebrush undergrowth.
1.20	Wash 20 lks. wide course N35°E.
4.80	Enter same wash course N.
10.90	Leave wash course NE.
16.50	Same wash 15 lks. wide course NW.
22.00	Same wash,course NE.
37.00	Same wash course NW.
40.00	The point for ¼ sec. cor.falls in same sand wash,course NE.where prevailing conditions would destroy the cor.,therefore,continue line and measurement and at

Survey of part of the East boundary of T 39 N., R 6 E.

Chains	
41.50	Set an iron post 3 ft.long,1 in.in diam.on exposed bedrock, deposit stone 8x8x6 ins.marked with a cross (x) at base,and raise a mound of stone 4 ft. base 3 ft. high around the post for witness cor.to ¼ sec.cor. marked on brass cap

¼

S 24 | S 19

W C

1926

58.60	Right bank of dry sand wash 140 lks. wide 20 ft. deep, bears N70°E. and S70°W.
60.00	Left bank of sand wash,20 ft. high bears N70°E.and S70°W. Ascend 24 ft. over S.slope.
80.00	Set an iron post 3 ft. long,2 ins. in diam.6 ins. in the ground to bedrock,deposit stone 6x6x4 ins.marked with cross (x) at the base,and raise a mound of stone 4 ft. base 2½ ft. high around the post for cor. of secs.13,18,19,and 24.,marked on brass cap

T39N

R6E | R7E

S 13 | S 18

S24 | S19

1926

Land,rolling.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,sage and black brush and yucca palms.

North bet. secs. 13 and 18.
Over rolling sandy prairie land,through scattering undergrowth.

18.00	Dry sand wash 15 lks. wide,course N70°E.
30.70	Wash 30 lks. wide 20 ft. deep,course E.
30.80	Road to Lee's Ferry,bears NE. and SW.
40.00	The true point for ¼ sec. cor.falls in center of sand wash 10 lks. wide course NE.where prevailing conditions would destroy the cor.,therefore continue line and measurement and at
40.50	Set an iron post 3 ft. long, 1 in. in diam.30 ins. in the ground for witness cor.to the ¼ sec. cor., marked on brass cap

¼

S 13 | S 18

W C

1926

Raise a mound of stone 3 ft. base 3 ft. high W. of cor.

49.50	Dry sand wash 20 lks. wide course E.
59.60	Sand wash 30 lks. wide course SE.
66.70	Sand wash 15 lks. wide course SE.
76.00	Intersect right bank of Badger Creek,50 ft.high,bears NW. and SE.;Small stream flows SE.
77.70	Intersect left bank of Badger Creek 50 ft. high,bears NW. and SE.

Survey of part of the East boundary of T 39 N., R 6 E.

Chains	
80.00	Ascend 10 ft. over rocky SW. slope to Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 7, 12, 13, and 18., marked on brass cap

T39N

R6E	R7E
S 12	S 7
S 13	S 18

1926

Raise a mound of stone 4 ft. base 2 ½ ft. high W. of cor.

Land, rolling.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, sage and black brush.

North bet. secs. 7 and 12.
Ascend 154 ft. over broken stony SW. slope, through scattering undergrowth.

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

¼

S 12 | S 7

1926

Raise a mound of stone 3 ft. base 3 ft. high W. of cor.

54.00	Sand wash 20 lks. wide bet. cut banks 40 ft. high. course E.
59.50	Top of spur slopes E. Descend 199 ft. over N. slope.
71.70	Wash 20 lks. wide, banks 20 ft. high, course E. Ascend 97 ft. over S. slope.
79.00	Top of spur slopes SE. Descend over NE. slope.
80.00	The true point for cor. of secs. 1, 6, 7, and 12, falls in bed of sand wash, course SE. where prevailing conditions would destroy the cor. Witness cor. to cor. of secs. 1, 6, 7, and 12, established on range line 1.82 chs. N. as hereinafter described.

Land, broken and mountainous.
Soil, stony and sandy 4 th. rate.
Timber, none.
Undergrowth, blackbrush and yucca palms.

From true point for cor. of secs. 1, 6, 7, and 12.
North bet. secs. 1 and 6.
Over dry bed of sand wash.

.25	Leave wash, course SE. Ascend 113 ft. over SW. slope over broken mountainous land.

Survey of part of the East boundary of T 39 N., R 6 E.

Chains	
1.82	Top of spur slopes SE.; Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for witness cor to cor. of secs. 1, 6, 7, and 12., marked on brass cap

T39N
R6E | R7E
S 1 | S 6
S 12 | S 7
W | C
1926

from which,

A red sandstone boulder 20x10x10 ft., bears S35¼°W. 59 lks. dist., marked B+O

Descend 99 ft. over rocky NE. slope.

18.00	Wash 20 lks. wide course SE.
	Ascend 174 ft. over SW. slope.
27.15	Top of spur slopes E.
	Descend 30 ft. over N. slope.
31.30	Sand wash 10 lks. wide course E.
	Ascend 133 ft. over S. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 12 ins. in the ground to bedrock, deposit stone 12x6x6 ins. marked with a cross (x) at base, and raise a mound of stone 4 ft. base 2 ft. high around the post for ¼ sec. cor. marked on brass cap

¼
S 1 | S 6
1926

40.54	Top of spur, slopes E.
	Descend 26 ft. over N. slope.
43.14	Wash 10 lks. wide course E.
	Ascend 64 ft. over S. slope.
50.14	Top of spur, slopes W.
	Descend 8 ft. over N. slope.
59.75	Sand wash 15 lks. wide course S60°W.
	Ascend 16 ft. over SE. slope.
65.14	Top of spur slopes E.
	Descend over N. slope
80.00	Set an iron post 3 ft. long, 3 ins. in diam. 6 ins. in the ground to bedrock, deposit stone 16x8x8 ins. marked with a cross (x) alongside, and raise a mound of stone 5 ft. base 2½ ft. high around the post for cor. of Tps. 39 and 40 N., Rs. 6 and 7 E., marked on brass cap

T40N
R6E | R7E
S 36 | S 31
S 1 | S 6
T39N
1926

Land, mountainous.
Soil, stony 4 th. rate.
Timber, none.
Undergrowth, sage and blackbrush and yucca palms.

West boundary of T 39 N., R 6 E.

Chains

From the cor. of Ts.38 and 39 N., Rs.5 and 6 E.,which is an iron post 3 ins. in diam.,projecting 8 ins. above ground,firmly set,properly marked,and witnessed by a mound of stone S.

Thence

North bet. secs. 31 and 36.

Ascend 275 ft. over SW.slope over stony mountainous land.

8.00 Top of spur,slopes SE. continue ascent over SE.slope at foot of the Vermillion Cliffs.

19.86 Top of spur 332 ft. above Tp.cor.slopes SE.

40.00 Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap.

¼

S 36 | S 31

1926

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

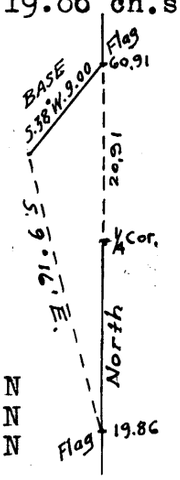
The precipitous slopes to the north of this cor.renders measurement by chaining impracticable,therefore discontinue measurement by chaining at the ¼ sec.cor.and obtain dist.from the 19.86 ch.station as follows;

Set a flag ahead on range line on top of Vermillion Cliffs.

Vertical angle to flag =+19°

From flag on range line on top of cliffs,measure a base S38°W. 9.00 chs.dist.

From W.end of base a flag at 19.86 ch.station bears S9°16'E.



Dist.on range line----------=19.86 chs.N
Dist.by triangulation--------- =41.05 chs.N
Total dist.on range line----- = 60.91 chs.N

55.00 (Approx.dist.) Foot of Vermillion Cliffs,bears NE. and SW.

60.91 Triangulation station on top of Vermillin Cliffs bears NE. and SW., 1193 ft. above Tp.cor.Continue line and measurement by chaining.

Ascend 151 ft. over SE.slope over rolling sandy land through cedar and pinion timber.

80.00 Set an iron post 3 ft. long, 2 ins. in diam.26 ins.in the ground for cor. of secs.25,30,31,and 36. marked on brass cap

T39N

R5E | R6E

S 25 | S 30

S 36 | S 31

1926

from which,

A pinion 8 ins. in diam. bears N26°E.98 lks. dist., marked T39N.,R6E.,S30 BT.

A pinion 14 ins. in diam. bears S65½°E.64 lks. dist., marked T39N.,R6E.,S31 BT.

A pinion 6 ins. in diam. bears S51¾°W.37 lks. dist., marked T39N.,R5E.,S36 BT.

A pinion 14 ins. in diam. bears N51¼°W:113 lks. dist., marked T39N.,R5E.,S 25 BT.

West boundary of T 39 N., R 6 E.

Chains	
	Land, rolling, broken, and mountainous. Soil, sandy and stony 3 rd. and 4 th. rate. Timber, cedar and pinion. Undergrowth, sagebrush and yucca palms.
	North bet. secs. 25 and 30. Descend 69 ft. over NW. slope over rolling land, through cedar and pinion timber and sagebrush undergrowth.
3.00	Rimrock 6 ft. high bears NE. and SW.
12.80	Same rimrock, bears E. and W.
40.00	Set an iron post 3 ft. long. 1 in. in diam. 24 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S 25 | S 30 1926 from which, A pinion 12 ins. in diam. bears N79¾°W. 75 lks. dist., marked ¼ S25 BT. A cedar 8 ins. in diam. bears S86½°E. 67 lks. dist., marked ¼ S30 BT.
62.95	Wash 10 lks. wide course NW. Ascend over rolling SW. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 19, 24, 25, and 30. marked on brass cap T39N R5E | R6E S 24 | S 19 S 25 | S 30 1926 from which, A pinion 18 ins. in diam. bears N15¾°E. 53 lks. dist.; marked T39N., R6E., S19 BT. A pinion 14 ins. in diam. bears S21½°E. 112 lks. dist., marked T39N., R6E., S30 BT. A pinion 24 ins. in diam. bears S25½°W. 165 lks. dist., marked T39N., R5E., S25 BT. A pinion 14 ins. in diam. bears N44¾°W. 46 lks. dist., marked T39N., R5E., S24 BT. Land, rolling. Soil, sandy 3 rd. and 4 th. rate. Timber, cedar and pinion. Undergrowth, sagebrush and yucca palms.
	North bet. secs. 19 and 24. Ascend SE. slope over rolling sandy land, through cedar and pinion timber and sagebrush undergrowth.

West boundary of T 39 N., R 6 E.

Chains	
10.00	Top of low ridge bears NE. and SW.
	Descend over NW. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap

¼

S. 24 | S 19

1926.

from which,

A pinion 8 ins. in diam. bears S63¼°E. 67 lks. dist., marked ¼ S19 BT.
A pinion 8 ins. in diam. bears S30½°W. 44 lks. dist., marked ¼ S24 BT.

49.00	Leave timber bears NE. and SW.
52.25	Enter valley bears NE. and SW.
72.46	Shallow draw, course NE. leave valley bears NE. and SW.
	Ascend gradually over SE. slope
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 13, 18, 19, and 24., marked on brass cap

T39N

R5E | R6E

S 13 | S 18

S 24 | S 19

1926

from which,

A pinion 28 ins. in diam. bears N5¼°E. 555 lks. dist., marked T39N., R6E., S18 BT.
A cedar 36 ins. in diam. bears S71½°E. 494 lks. dist., marked T39N., R6E., S19 BT.
A cedar 12 ins. in dia, bears S80°W. 352 lks. dist., marked T39N., R5E., S24 BT.
A pinion 14 ins. in diam. bears N30°W. 314 lks. dist., marked T39N., R5E., S13 BT.

Land, rolling.
Soil, sandy 3 rd. and 4 th. rate.
Timber, cedar and pinion.
Undergrowth, sagebrush.

	North bet. secs. 13 and 18.
	Ascend 40 ft. over SE. slope over rolling sandy land, through cedar and pinion timber.
5.00	Foot of sandstone bluff, bears NE. and SW.
	Ascend 150 ft. over SE. slope
9.14	Top of bluff, bears NE. and SW., thence over rolling mesa land.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 18 ins. in the ground to bedrock, supported by a mound of stone 2 ft. base 1½ ft. high for ¼ sec. cor., marked on brass cap

West boundary of T 39 N., R 6 E.

Chains

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

1926

from which,

A cedar 14 ins. in diam. bears N79°E.85 lks. dist., marked $\frac{1}{4}$ S18 BT.
A cedar 14 ins. in diam. bears N80$\frac{1}{4}$°W.100 lks. dist., marked $\frac{1}{4}$ S13 BT.

43.60 N.edge of mesa on rim-rock bears NE. and SW. leave rolling land,bears NE. and SW.
Descend 278 ft. over NW.slope over broken stony land.

80.00 Set an iron post 3 ft. long, 2 ins. in diam.26 ins. in the ground for cor. of secs. 7,12,13,and 18., marked on brass cap

T39N
R5E | R6E
S 12 | S 7
S 13 | S 18

1926

from which,

A pinion 8 ins. in diam. bears N55$\frac{3}{4}$°E.167 lks. dist., marked T39N.,R6E.,S7 BT.
A cedar 12 ins. in diam. bears S11°E.402 lks. dist., marked T39N.,R6E.,S18 BT.
A cedar 14 ins. in diam.bears S14$\frac{1}{2}$°W.346 lks. dist., marked T39N.,R5E.,S13 BT.
No other bearing trees within limits.
Raise a mound of stone 2 ft. base 1$\frac{1}{2}$ ft. high W.of cor.

Land,rolling and broken.
Soil,sandy and stony 3 rd. and 4 th. rate.
Timber, cedar and pinion.
Undergrowth,sagebrush and yucca palms.

North bet. secs. 7 and 12.
Descend NW. slope over rolling sandy land,through cedar and pinion timber and scattering undergrowth.

13.40 Draw course NE.
15.00 Ascend 46 ft. over SE.slope.
40.00 Set an iron post 3 ft. long, 1 in. in diam.18 ins. in the ground to bedrock,supported by a mound of stone 2 ft. base 1$\frac{1}{2}$ ft. high for. $\frac{1}{4}$ sec. cor.marked on brass cap

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

1926

from which,

A pinion 14 ins. in diam. bears S82$\frac{3}{4}$°E.124 lks. dist., marked $\frac{1}{4}$ S7 BT.

A cedar 14 ins. in diam. bears N75$\frac{1}{2}$°W.94 lks. dist., marked $\frac{1}{4}$ S12 BT.

West boundary of T 39 N., R 6 E.

Chains	
80.00	Set an iron post 3 ft.long, 2 ins. in diam.26 ins. in the ground for cor. of secs. 1,6,7,and 12.marked on brass cap

T39N
R5E | R6E
S 1 | S 6
S 12 | S 7

1926

from which,

A cedar 36 ins. in diam. bears N37°E.69 lks. dist., marked T39N.,R6E.,S6 BT.
A cedar 10 ins. in diam.bears S44°E.111 lks. dist., marked T39N.,R6E.,S7 BT.
A cedar 12 ins. in diam. bears S53½°W.73 lks.dist., marked T39N.,R5E.,S12 BT.
A cedar 12 ins. in diam.bears N32½°W.72 lks. dist., marked T39N.,R5E.,S1 BT.

Land, rolling.
Soil,sandy and stony 3 rd. and 4 th. rate.
Timber,cedar and pinion.
Undergrowth, sagebrush and yucca palms.

North bet. secs. 1 and 6.
Over rolling sandy land, through cedar and pinion timber and sagebrush undergrowth.

10.00	Top of low ridge bears NE. and SW.
	Descend 71 ft. over NW. slope.
23.50	Draw course W.
	Ascend gradually over S. slope.
38.00	Top of spur slopes SW.
	Descend over NW. slope.63 ft.
40.00	Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼
S 1 | S 6

1926

from which,

A pinion 8 ins. in diam. bears S39½°E.55 lks. dist., marked ¼ S6 BT.
A pinion 10 ins. in diam. bears N81°W.29 lks. dist., marked ¼ S1 BT.

76.75	Sand wash 20 lks. wide course NW.
	Ascend gradually over SW.slope.
80.00	Set an iron post 3 ft. long, 3 ins. in diam.26 ins. in the ground for cor. of Ts.39 and 40 N., Rs.5 and 6 E.,marked on brass cap

West boundary of T 39 N., R 6 E.

Chains	

T40N
R5E | R6E
S 36 | S 31
S 1 | S 6
T39N
1926

from which,

A cedar 10 ins. in diam. bears N29°E. 41 lks. dist., marked T40N., R6E., S31 BT.
A cedar 18 ins. in diam. bears S33°E. 222 lks. dist., marked T39N., R6E., S6 BT.
A pinion 10 ins. in diam. bears N55°W. 613 lks. dist., marked T40N., R5E., S36 BT.
No other bearing trees within limits.
Raise a mound of stone 2 ft. base 1½ ft. high S. of cor.

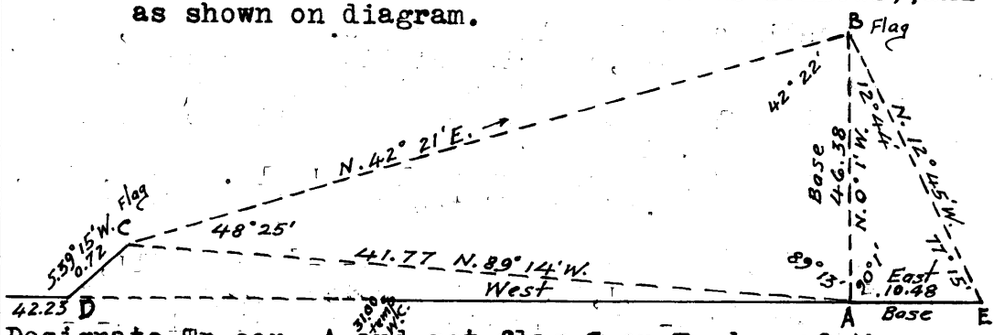
Land, rolling.
Soil, sandy 3rd. and 4th. rate.
Timber, cedar and pinion.
Undergrowth, sagebrush and yucca palms.

North boundary of T 39 N., R 6 E.

Chains

From the cor. of Ts.39 and 40 N., Rs.6 and 7 E.,hereinbefore described,
West on random line along the N.bdy.of T39N.,R6E., setting temp.cors. as follows;

31.00 Foot of Vermillion Cliffs,bears NE. and SW.;Impossible to continue measurement by chaining owing to precipitous cliffs. Set temp.witness cor.to ¼ sec. cor.and obtain measurement from Tp.cor.by triangulation and traverse as described as follows;,and as shown on diagram.



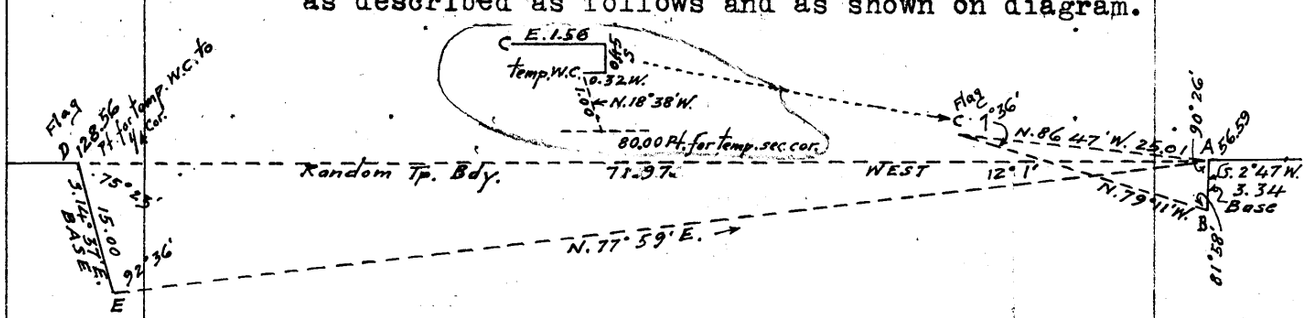
Designate Tp.cor. A and set flag C on E.edge of the Vermillion Cliffs,also a flag B for N.end of base.
From A flag "C" bears N89°14'W. and flag "B" bears N0°1'W.
Vertical angle to flag "C" from A =+36½°
From flag "C" flag "B" bears N42°21'E.

Determine measurement of base A-B by triangulation as as follows;
At "A" lay off a base East 10.48 chs.dist to point "E". from E flag "B" bears N12°45'W.

Included angles of triangle A-B-E are 90°1',12°44',and 77°15',the sum of which = 180°
Length of base A-B of triangle A-B-C by solution of triangle A-B-E =46.38 chs.

In triangle A-B-C the included angles are 89°13',42°22', and 48°25',the sum of which = 180°
The length of A-C by solution of the triangle A-B-C = 41.77 chs.

From "C" chain traverse S39½°W 72 lks.to point "D"on edge of Vermillion Cliffs on random line at
42.23 West of Tp.cor.;Continue random line and measurement by chaining.
56.59 Top of precipitous descent on edge of cliffs,bears NW.and SE.;Discontinue measurement by chaining and obtain measurement by triangulation and traverse as described as follows and as shown on diagram.



Designate 56.59 ch.point A and set flag "C" on ledge in canyon,which from "A" bears N86°47'W.

Vertical angle from point "A" to point "C" =-5°

From "A" measure a base S2°47'W. 3.34 chs.dist.to "B"
From "B" the flag at "C" bears N79°11'W.

Included angles of triangle A-B-C are 90°26',81°58',and 7°36',the sum of which =180°

North boundary of T 39 N., R 6 E.

Chains	
	Length of A-C by solution of the triangle A-B-C =25.01 chs.
	From "C" chain traverse East 1.56 chs. South 0.45 chs. West 0.32 chs. to a point 1.00 ch. N18°38'W.of true point for temp.cor. of secs.1,2,35,and 36, on random Tp.line which is inaccessible. Set temp.witness cor. to cor. of secs.1,2,35,and 36
	Continue random line from 56.59 ch.point,designated "A" above,by triangulation as described as follows, and as shown on diagram Set a flag "D" ahead on random line on edge of cliffs W.side of canyon. From "D" measure a base S14°37'E.15.00 chs.dist.to point "E".;from "E" the flag at A bears N77°59'E.
	Included angles of triangle A-D-E are 12°1',75°23',and 92°36',the sum of which =180° Length of A-D by solution of the triangle A-D-E =71.97 chs.
	Dist.on random Tp.line by 1st. triangulation and traverse-------=56.59 chs. Dist.by last triangulation---------- =71.97 chs. Total dist. on random line from Tp.cor128.56 chs.
128.56	Triangulation point D on random line on edge of cliff,W. side of canyon. Set temp.witness cor.to ¼ sec. cor. of secs.2 and 35 which falls in inaccessible place in canyon. Continue random line and measurement by chaining,setting temp.¼ sec.and sec.cors.at regular intervals of 40.00 and 80.00 chs.counting from the Tp.cor.and at 478.38 chs. Intersect N. and S.line 5 lks. N. of the cor. of Ts.39 and 40 N., Rs.5 and 6 E., hereinbefore described. The falling answers to a correction of approx. 0'22" or .8 lk.S.per mile counting from the NE.cor.of Tp. This correction in azimuth is less than the smallest reading of the horizontal limb of the instrument, therefore,
	East bet,secs. 6 and 31 marking true line. Ascend 116 ft. over W.slope over rolling sandy land,. through cedar and pinion timber.
6.20	Top of ridge bears N. and S. Descend 73 ft. over NE. slope.
10.75	Wash 10 lks. wide course NW. Ascend 104 ft. over SW.slope.
17.50	Top of ascent on rim-rock 15 ft. high along W.edge of mesa bears N. and S.thence over nearly level mesa land.
38.38	Set an iron post 3 ft. long, 1 in. in diam.16 ins. in the ground to bedrock,supported by a mound of stone 2 ft. base 1½ ft. high for ¼ sec. cor., marked on brass cap ¼ S 31 / S 6 1927 from which, A pinion 6 ins. in diam. bears N79°E.116 lks. dist., marked ¼ S31 BT. A cedar 6 ins. in diam. bears S83°E. 99 lks. dist., marked ¼ S 6 BT.

North boundary of T 39 N., R 6 E.

Chains	
73.40	Old brush fence bears NE. and SW.
78.38	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 5,6,31,and 32.,marked on brass cap

T40N | R6E
S 31 | S 32
S 6 | S 5
T39N
1927

from which,

A cedar 4 ins. in diam. bears N45¼°E.304 lks. dist., marked BT.only.
A cedar 12 ins. in diam. bears S84°E.80 lks. dist., marked T39N.,R6E.,S5 BT.
A cedar 6 ins. in diam.bears S59°W.125 lks. dist., marked T39N.,R6E.,S6 BT.
A cedar 18 ins. in diam. bears N14°W.128 lks. dist., marked T40N.,R6E.,S31 BT.

Land, rolling and broken.
Soil,sandy and stony 2 nd. and 3 rd. rate.
Timber, cedar and pinion.
Undergrowth,sagebrush and yucca palms.

East bet. secs.5 and 32.
Over rolling sandy land, through cedar and pinion timber and undergrowth.

40.00	Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼ S 32
S 5
1927

from which,

A cedar 7 ins. in diam. bears N37°W. 58 lks. dist., marked ¼ S32 BT.
A pinion 8 ins. in diam. bears S24°E. 149 lks. dist., marked ¼ S5 BT.

80.00	Set an iron post 3 ft. long, 2 ins. in diam.26 ins. in the ground for cor. of secs.4, 5,32, and 33.,marked on brass cap

T40N | R6E
S 32 | S 33
S 5 | S 4
T39N
1927

from which,

A cedar 24 ins. in diam. bears N72°E.47 lks.dist., marked T40N.,R6E.,S33 BT.

North boundary of T 39 N., R 6 E.

Chains	
	A pinion 10 ins. in diam. bears S49½°E.93 lks. dist., marked T39N.,R6E.,S4 BT.
	A cedar 8 ins. in diam. bears S31°W.25 lks. dist., marked T39N.,R6E.,S5 BT.
	A pinion 8 ins. in diam. bears N54°W.57 lks. dist., marked T40N.,R6E.,S32 BT
	Land,rolling. Soil,sandy 2 nd. and 3 rd. rate. Timber, cedar and pinion. Undergrowth, sagebrush.
	East bet. secs. 4 and 33. Over rolling sandy mesa land, through cedar and pinion timber and brush undergrowth.
36.30	East edge of mesa on rim-rock 5 ft. high bears N. and S. Descend 30 ft. over E. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam.24 ins.in the ground for ¼ sec. cor. marked on brass cap ¼ S 33 / S 4 1927
	from which,
	A pinion 16 ins.in diam. bears N40°E.117 lks. dist., marked ¼ S33 BT.
	A pinion 6 ins. in diam. bears S77°E.113 lks. dist., marked ¼ S 4 BT.
40.10	Foot of descent in W.edge of valley bears NE. and SW.
45.65	Wash 10 lks. wide 1 ft. deep course NE.
55.00	Leave valley bears NE. and SW. Ascend 35 ft. over rim-rock.
55.80	Top of rim-rock bears NE. and SW. thence over rolling land,slopes NW.
80.00	Set an iron post 3 ft. long,2 ins. in diam.18 ins. in the ground to bedrock, supported in a mound of stone 2 ft. base 1½ ft. high for cor. of secs. 3,4,33, and 34,marked on brass cap T40N | R6E S 33 | S 34 S 4 | S 3 T39N 1927
	from which,
	A cedar 16 ins. in diam. bears N67°E.123 lks. dist., marked T40N.,R6E.,S34 BT.
	A cedar 10 ins. in diam. bears S26°E.92 lks. dist., marked T39N.,R6E.,S3 BT.
	A cedar 14 ins. in diam. bears S76°W. 69 lks. dist., marked T39N.,R6E.,S4 BT.
	A pinion 12 ins. in diam. bears N42°W 26 lks. dist.,marked T40N.,R6E.,S33 BT.
	Land,rolling. Soil,sandy and stony 3 rd. and 4 th. rate. Timber, cedar and pinion. Undergrowth, sagebrush.

North boundary of T 39 N., R 6 E.

Chains	
	East bet. secs.3 and 34.
	Ascend 23 ft. over NW. slope over rolling sandy land through cedar and pinion timber and sagebrush undergrowth.
15.00	Top of low ridge bears NE. and SW.
	Descend gradually over SE. slope.
38.00	Top of low spur slopes NW.
40.00	Set an iron post 3 ft. long,1 in. in diam.26 ins.in the ground for ¼ sec. cor. marked on brass cap

$$\frac{\frac{1}{4}\ \text{S } 34}{\text{S } 3}$$

1927

from which,

A pinion 14 ins. in diam.bears N47°E.72 lks. dist., marked ¼ S34 BT.
A pinion 10 ins. in diam. bears S59½°E.60 lks. dist., marked ¼ S3 BT.

49.60	Wash 10 lks. wide course NE.
56.30	Wash 10 lks. wide course NE.
	Ascend 23 ft. over NW.slope.
64.00	Top of spur slopes N.
	Descend 120 ft. over E. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam.24 ins. in the ground for cor. of secs.2,3,34,and 35.,marked on brass cap

T40N | R6E	
S 34	S 35
S 3	S 2

T39N
1927

from which,

A cedar 16 ins. in diam. bears N43°E.56 lks. dist., marked T40N.,R6E.,S35 BT.
A pinion 20 ins. in diam. bears S56°E. 124 lks.dist., marked T39N.,R6E.,S2 BT.
A cedar 10 ins. in diam. bears S64°W.179 lks. dist., marked T39N.,R6E.,S3 BT.
A cedar 8 ins. in diam. bears N51°W.52 lks. dist., marked T40N.,R6E.,S34 BT.

Land,rolling sand hills.
Soil sandy 2nd. and 3rd. rate.
Timber, cedar and pinion.
Undergrowth,sagebrush.

	East bet. secs. 2 and 35.
	Over N. slope over rolling sandy land, through cedar and pinion timber and sagebrush undergrowth.
6.70	Rim-rock 10 ft. high bears N. and S.
12.14	Wash 20 lks. wide course NE.
31.52	Camp. [illegible] to ¼ sec. cor.of secs.2 and 35 on edge of the
31.52	**Edge of Vermillion Cliffs bearing NE. and SW.**
	Set an iron post 3 ft. long,1 in. in diam.on bedrock,and raise a mound of stone 4½ ft. base 3 ft. high

Chains	
	around the post for witness cor.to the ¼ sec. cor.marked on brass cap .
	¼ S 35 WC / S 2 / 1927
	from which,
	A cedar 8 ins. in diam. bears N7½°E.28 lks. dist. marked ¼ S 35 WC BT.
	A cedar 6 ins. in diam. bears S61°W.72 lks. dist., marked ¼ S 2 WC BT.
	Discontinue measurement by chaining and obtain dist. by triangulation and traverse as hereinbefore described.
40.00	True point for ¼ sec. cor.falls on inaccessible cliff in canyon. Witness cor.established at 8.38 chs.W. as hereinbefore described.
44.75	(Approx.dist.) Head of Badger creek course SE.in bottom of canyon approx.1000 ft. deep.
80.00	True point for cor. of secs.1,2,35,and 36 falls on face of inaccessible cliff on E.slope of canyon approx.850 ft. above Badger creek.,therefore at a point 100 lks.. N18°38'W.of true point (lks. S.5°.. W. to cor. of secs. 1,2,35,and 36).
	Set an iron post 3 ft.. long, 2 ins. in diam.on exposed ledge,deposit stone 10x10x10 ins.marked with a cross (x),alongside, and raise a mound of stone 8 ft. base 3½ ft. high around the post for witness cor. to cor. of secs. 1,2,35,and 36, marked on brass cap
	T40N | R6E / S 35 | S 36 / S 2 | S 1 / T39N / WC / 1927
	No suitable bearing trees available. Land,rolling and mountainous. Soil,sandy and stony 3 rd. and 4 th. rate. Timber,cedar and pinion. Undergrowth,sagebrush.

	From true point for cor. of secs.1,2,35,and 36. East bet. secs. 1 and 36 by triangulation and traverse as hereinbefore described.
	Ascend approx.150 ft.over SW.slope of cliffs over mountainous land,through scattering cedar and pinion timber.
23.41	Top of ascent on edge of the Vermillion Cliffs bears NW. and SE. lks. S.at triangulation point,hereinbefore described.,thence continue line and measurement by chaining,over level mesa
37.73	East Edge of the Vermillion Cliffs,bears NE. and SW. lks. at traverse station "D" on random line; discontinue measurement by chaining and obtain measurement by triangulation and traverse as hereinbefore described.

North boundary of T 39 N., R 6 E.

Chains	
40.00	True point for ¼ sec. cor. falls on inaccessible cliff facing E. WC. established on Tn. line at 9.00 chs East as hereinafter described.
49.00	Set an iron post 3 ft. long, 1 in. in diam. 6 ins. in the ground to bedrock, deposit stone 12x10x6 ins. marked with cross (x) alongside, and raise a mound of stone 4 ft. base 2½ ft. high around the post for witness cor. to ¼ sec. cor. marked on brass cap WC ¼ S 36 / S 1 1927
	No bearing trees within limits.
	Continue line and measurement by chaining.
	Descend 633 ft. over SE. slope
80.00	Intersect the cor. of Ts. 39 and 40 N., Rs. 6 and 7 E.
	Land, level and mountainous.
	Soil, stony 3 rd. and 4 th. rate.
	Timber, cedar and pinion.
	Undergrowth, sagebrush and scrub cedars.

Subdivision of T 39 N., R 6 E.

Chains	
	From the cor. of secs.1,2,35,and 36,on S.bdy.of Tp. hereinbefore described,
	N. 0° W. bet. secs. 35 and 36.
	Descend NW. slope 40 ft. over stony mountainous land through sage and blackbrush undergrowth.
7.89	Sand wash 12 lks. wide 1 ft. deep course N80°E.
	Ascend 69 ft. over SE.slope.
12.76	Top of spur slopes E.
	Descend 40 ft. over N. slope.to
20.10	Top of ridge bears N60°E. and S60°W.
25.48	Wash 8 lks. wide course NW.
	Ascend 36 ft. over SW.slope.
31.00	Set an iron post 3 ft. long 1 in. in diam.20 ins. in the ground to bedrock,supported by a mound of stone 2 ft. base 1 ft. high for witness cor.to ¼ sec. cor,marked on brass cap

W C
¼
S 35 | S 36

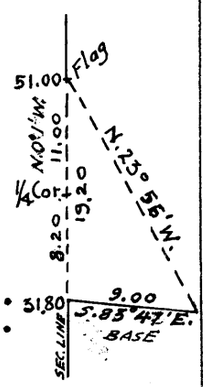
1926

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

31.80 Top of ascent on S.rim of Soap Creek canyon bears E. and W. Discontinue measurement by chaining owing to impassable cliffs and obtain measurement by triangulation as described as follows and as shown on diagram.

Set flag on sec.line on N rim of canyon.Vertical angle to flag=-4°

Lay off base S83°47'E.9.00 chs. dist.from E.end of which flag bears N23°56'W.



Dist.on sec. line----------=31.80 chs.
Dist.by triangulation---------- =19.20 chs.
Total dist.on sec. line---------- =51.00 chs

40.00	True point for ¼ sec. cor.falls in almost inaccessible place in Soap Creek canyon.WC.established on sec. line at 9.00 chs.S.83°47'E. as hereinbefore described.
41.40	(Approx.dist.)Soap Creek in bottom of canyon 500 ft. below WC.,course E.
	Ascend over N.wall of canyon
51.00	Triangulation station on N.rim of Soap Creek canyon,bears NE. and SW. Continue line and measurement by chaining.
	Leave mountainous land bears NE. and SW. Enter broken land.
	Descend 48 ft. over N. slope.
56.00	Sand wash 20 lks. wide course SE.
	Ascend 79 ft. over SW. slope.
67.00	Top of spur slopes E.
	Descend 29 ft. over N. slope.
74.50	Sand wash 10 lks. wide course E.
	Ascend 25 ft. over S. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam.28 ins. in the ground for cor. of secs.25,26,35,and 36,marked on brass cap

T39N | R 6 E
S 26 | S 25
S 35 | S 36

1926

Subdivision of T 39 N., R 6 E

Chains	
	Raise a mound of stone 3 ft. base 2½ ft. high W. of cor. Land, broken and mountainous. Soil, stony, 4th rate. Timber, none. Undergrowth, sage and blackbrush and yucca palms.
	From cor. of secs. 25, 26, 35 and 36. East on Auxilliary Base Line bet. secs. 25 and 36. Over rolling stony land, slopes S., through scattering undergrowth.
18.00	Leave rolling land bears N. and S. Enter broken land. Descend 117 ft. over E. slope.
27.60	Sand wash 20 lks. wide 3 ft. deep, course S. Ascend 20 ft. over W. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 18 ins. in the ground to bed rock, deposit a sand stone 6 x 6 x 6 ins. marked with a cross (X) at base, and raise a mound of stone 4 ft. base 1½ ft. high around post for ¼ sec. cor. marked on brass cap ¼ S 25 / S 36 1926
49.00	Descend 69 ft. over SE. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. over cross (X) on exposed bedrock and raise a mound of stone 5 ft. base 3 ft. high around the post for cor. of secs. 25, 30, 31 and 36 on E. bdy. of Tp., T 39 N R 6 E S 25 | S 30 S 36 | S 31 1926 Land, rolling and broken. Soil, stony, 4th rate. Timber, none. Undergrowth, sage and blackbrush and yucca palms.
	From cor. of secs. 25, 26, 35 and 36. N. 0° 1' W., bet. secs. 25 and 26. Over rolling sandy land, through scattering undergrowth.
8.50	Descend 62 ft. over NE. slope.
26.20	Sand wash 20 lks. wide 2 ft. deep, course SE. Ascend 12 ft. over SW. slope.
40.00	Set an iron post 3 ft. long 1 in. in diam. 28 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S 26 | S 25 1926 Raise a mound of stone 3 ft. base 3 ft. high W. of cor.

Subdivision of T 39 N., R 6 E.

Chains	
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 20 ins. in the ground to bedrock, supported by a mound of stone 2 ft. base 1 ft. high for cor. of secs. 23, 24, 25 and 26, marked on brass cap T 39 N R 6 E S 23 | S 24 S 26 | S 25 1926 Raise a mound of stone 3 ft. base 2½ ft. high W. of cor. Land, rolling. Soil, sandy and stony 3rd and 4th rate. Timber, none Undergrowth, sage and blackbrush and yucca palms.
	East on a random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
80.01	Intersect E. bdy. of Tp. at the cor. of secs. 19, 24, 25 and 30 hereinbefore described.
	Thence West on true line bet. secs. 24 and 25 Over rolling sandy land, through scattering undergrowth.
.60	Sand wash 20 lks. wide course N 35° E.
30.80	Sand wash 8 lks. wide course NE.
40.01	Set an iron post 3 ft. long, 1 in. in diam. on exposed bedrock, deposit a limestone 12 x 6 x 4 ins. marked with cross (X) alongside, and raise a mound of stone 4 ft. base 2½ ft. high for ¼ sec. cor., marked on brass cap ¼ S 24 S 25 1926
74.11	Wash 8 lks. wide 2 ft. deep course N.
80.01	The cor. of secs. 23, 24, 25 and 26. Land, rolling. Soil, sandy and stony 3rd and 4th rate. Timber, none. Undergrowth, sage and blackbrush and yucca palms.
	N. 0° 1' W. bet. secs. 23 and 24. Over broken sandy and stony prairie land, through scattering undergrowth.
15.50	Road to Lee's Ferry bears N 15° E. and S 15° W.
23.00	Sand wash 30 lks. wide course S 70° E
40.00	Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for ¼ sec. cor. marked on brass cap

Subdivision of T 39 N., R 6 E.

Chains	
	$\frac{1}{4}$ S 23 | S 24 1926
	Raise a mound of stone 4 ft. base 3 ft. high W. of cor.
50.00	Sand wash 30 lks. wide 6 ft. deep course E.
54.00	Sand wash 10 lks. wide course E.
74.30	Sand wash 15 lks. wide 5 ft. deep course E.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 18 ins. in the ground to bedrock, supported by a mound of stone 2 ft. base 1½ ft. high for cor. of secs. 13, 14, 23, and 24. marked on brass cap T39N | R6E S 14 | S 13 S 23 | S 24 1926
	Raise a mound of stone 3 ft. base 3 ft. high W. of cor.
	Land, rolling. Soil, sandy and stony 3 rd. and 4 th. rate. Timber, none. Undergrowth, sage and blackbrush and yucca palms.
	East on a random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect E. bdy. of Tp. at the cor. of secs. 13, 18, 19, and 24 hereinbefore described.
	Thence West on true line bet. secs. 13 and 24. Over rolling sandy prairie land, through scattering undergrowth.
25.15	Road to Lee's Ferry bears NE. and SW.
39.99	Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 13 S 24 1926
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
59.60	Sand wash 40 lks. wide 3 ft. deep course SE.
79.98	The cor. of secs. 13, 14, 23, and 24.
	Land, rolling. Soil, sandy and stony 3 rd. and 4 th. rate. Timber, none. Undergrowth, sage and blackbrush and yucca palms.

Subdivision of T 39 N., R 6 E.

Chains

N 0°01'W.bet. secs. 13 and 14.
Ascend 142 ft.over SE. slope over broken mountainous land,through scattering undergrowth.

35.80 Top of spur slopes SE.
Descend 97 ft. over NE.slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap

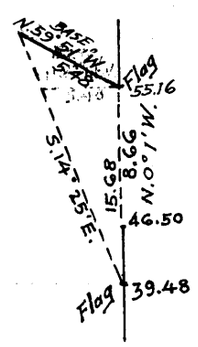
¼
S 14 | S 13

1926

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

41.70 Sand wash 20 lks. wide course E.
43.70 Same sand wash 20 lks. wide course NW.
46.00 Same sand wash 20 lks. wide course N.70°E.
46.50 Sand wash 40 lks. wide,course SE.,at foot of precipitous ascend. Discontinue measurement,by chaining owing to almost impassable cliffs. Obtain measurement by triangulation as described as follows;

Set flag ahead on sec.line on top of cliffs.
Vertical angle to flag =+11°
From flag on sec. line on top of cliffs,lay off base N59°51'W.5.48 chs. dist.from W.end of base,flag at 39.48 ch. point on sec. line bears S14°25'E.



Dist.on sec.line----------=39.48 chs.N0°1'W.
Dist.by triangulation---------- =15.68 chs.N0°1'W
Total dist.on sec.line- ------ =55.16 chs.N0°1'W

55.16 Triangulation point on sec.line on top of cliffs,189 ft. above ¼ sec. cor.,bears NE. and SW.
Continue line and measurement by chaining.
Ascend 50 ft. over SE. slope.
70.66 Top of spur slopes E.
Descend 50 ft. over N. slope.
80.00 Set an iron post 3 ft. long, 2 ins. in dia,12 ins. in the ground to bedrock,deposit a sand stone 10x10x8 ins. marked with a cross (x) alongside, and raise a mound of stone 3½ ft. base 2 ft. high around the post for cor. of secs.11,12,13,and 14 marked on brass cap

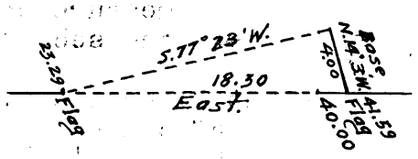
T39N | R6E
S 11 | S 12
S 14 | S 13

1926

Land,broken mountainous.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,sage and blackbrush.

Subdivision of T 39 N., R 6 E.

Chains	
	East on a random line bet. secs. 12 and 13.
23.29	Top of precipitous descent. Discontinue chaining owing to almost impassable cliffs. Obtain measurement by triangulation as described as follows;
	Set flag on random line at foot of cliffs
	Vertical angle to flag =-13°
	From flag on random line at foot of cliffs, lay off a base N14°03'W. 4.00 chs. dist. from N.end of which, flag at 23.29 ch. point on random line bears S77°23'W.



Dist. on random line ---------- = 23.29 chs.
Dist. by triangulation ---------- = 18.30 chs.
Total dist. on random line ------- = 41.59 chs.
Dist by return measurement ------ = 1.59 chs.
40.00 chs.

40.00	Set temp. ¼ sec. cor.
41.59	Triangulation point on random line. Continue line and measurement by chaining and at
80.05	Intersect E. bdy. of Tp. 8 lks. N. of the cor. of secs. 7, 12, 13, and 18. hereinbefore described.
	Thence
	N89°57'W. on true line bet. secs. 12 and 13.
	Over rolling stony land, through scattering undergrowth.
1.90	Badger creek 4 lks. wide 1 ft. deep course S45°E. 30 ft. below sec. cor.
	Ascend 11 ft. over SE. slope.
36.50	Dry sand wash 30 lks. wide course SE.
38.46	Triangulation point on random line
40.02	Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground to bedrock, deposit stone 10x10x8 ins. marked with cross (x) alongside, and raise a mound of stone 3 ft. base 2 ft. high around the post for ¼ sec. cor., marked on brass cap

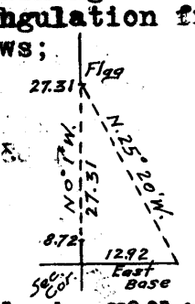
¼ S 12
S 13

1926

	Discontinue measurement by chaining and obtain measurement by triangulation as described above.
	Ascend 274 ft. over E. slope over cliffs and ledges over broken mountainous land
56.76	Top of rim-rock bears N. and S. at triangulation point on random line.
	Continue line and measurement by chaining.
	Descend 26 ft. over W. slope.
64.15	Sand wash 12 lks. wide course NE.
	Ascend 137 ft. over SE. slope.
67.15	Top of ascent on rim-rock 20 ft. high, bears NE. and SW. thence over broken land.
80.05	The cor. of secs. 11, 12, 13, and 14.

Land, rolling, broken, and mountainous.
Soil, stony 3 rd. and 4 th. rate.
Timber, none.
Undergrowth, sage and blackbrush.

Subdivision of T 39 N., R 6 E.

Chains	
	N 0°01'W. bet. secs. 11 and 12.
	Over broken stony land; through scattering undergrowth.
	Ascend 7 ft. over SE. slope.
4.30	Top of spur slopes NE.
	Descend 25 ft. over NW. slope.
8.72	South rim of canyon with precipitous slopes. bears NE. and SW. Discontinue measurement by chaining and obtain measurement across canyon by triangulation from the sec. cor. as described as follows;
	Set flag on sec. line on N. side of canyon and lay off a base, East 12.92 chs. dist. from E. end of base, flag on sec. line on N. side of canyon bears N25°20'W.
	
	Dist. by triangulation----------=27.31 chs N0°1'W.
11.00	(Approx. dist.) bottom of canyon 100 ft. deep, course NE.
20.00	(Approx. dist.) Point of spur, slopes E.
25.00	(Approx. dist.) Ravine course E.
27.31	Triangulation point on sec. line on N. side of canyon.
	Continue line and measurement by chaining.
40.00	True point for ¼ sec. cor. falls on unsafe ground in small drain course SW. WC. established on sec. line at 0.23 chs. N0°1'W. as hereinafter described
40.23	Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in the ground to bedrock, deposit a limestone 16x12x6 ins, marked with a cross (x) alongside, and raise a mound of stone 4 ft. base 1½ ft. high around the post for witness cor. to the ¼ sec. cor., marked on brass cap

¼

S 11 | S 12

W C

1926

	Ascend 197 ft. over SW. slope.
59.50	Top of ridge bears NW. and SE.
	Descend 42 ft. over N. slope. to
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 12 ins. in the ground to bedrock, deposit a limestone 14x12x8 ins. marked with a cross (x) alongside, and raise a mound of stone 4 ft. base 1½ ft. high around the post for cor. of secs. 1, 2, 11, and 12. marked on brass cap

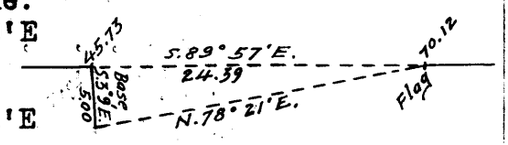
T39N | R6E
S 2	S 1
S 11	S 12

1926

Land, broken mountainous.
Soil, stony 4 th. rate.
Timber, none.
Undergrowth, sage and blackbrush.

Subdivision of T 39 N., R 6 E.

Chains	
	S 89°57'E.on a random line bet. secs.1 and 12.
40.00	Set temp.¼ sec. cor.
45.73	Edge of precipitous bluffs.almost impossible to continue measurement by chaining. Triangulate as described as follows.
	Set flag ahead on random line. and lay off a base S3°09'E 5.00 chs. dist. from S end of base,flag on the random line bears N78°21'E



Dist.on random line ----------45.73 chs.
Dist.by triangulation-------- =24.39 chs.
Total dist.on random line-----=70.12 chs.

70.12	Triangulation point on random line.
	Continue random line and measurement by chaining.and at
80.06	Intersect E. bdy.of Tp.18 lks. N.of true point for cor. of secs.1,6,7,and 12.hereinbefore described.
	Thence
	From true point for cor. of secs,1,6,7,and 12,
	N 89°49'W.on true line bet. secs.1 and 12.
	Ascend E.slope 157 ft. over stony mountainous land through scattering undergrowth.
9.94	Top of spur,slopes SE.at triangulation station on random line. Discontinue chaining and obtain measurement by triangulation as described above
34.33	Triangulation point on random line on top of spur,slopes SW. Continue line and measurement by chaining
	Descend 17 ft. over SW.slope
40.03	Set an iron post 3 ft. long, 1 in. in diam.6 ins. in the ground to hardpan,deposit a limestone 18x10x5 ins.marked with a cross (x) alongside,and raise a mound of stone 4 ft. base 2½ ft. high around the post for ¼.sec. cor.,marked on brass cap

¼ S 1 / S 12

1926

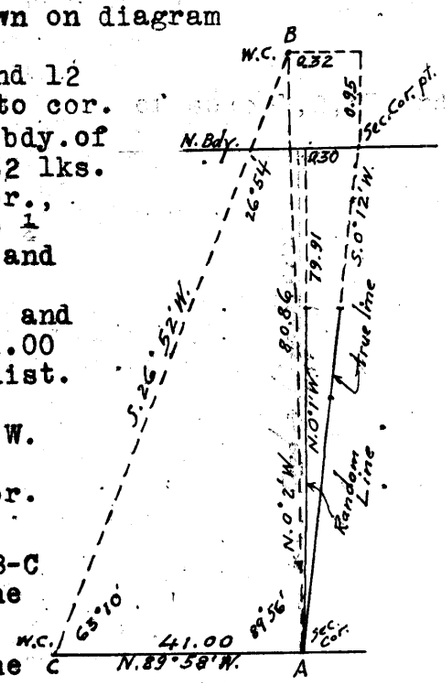
	From this point cor. of unidentified claim bears S70°51'E 25.24 chs. dist.
51.06	Dry sand wash 15 lks. wide course S.
	Ascend 60 ft. over E.slope.
53.06	Top of spur slopes S.
	Descend 93 ft. over W. slope.
62.56	Badger Creek 40 lks. wide. stream clear water 10 lks. wide course SE.
	Ascend 293 ft. over NE. slope.
78.56	Top of spur slopes NE.
	Descend 21 ft. over NW.slope to
80.06	The cor. of secs. 1,2,11,and 12.

Land,broken mountains.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,sage and blackbrush.

	N 0°01'W. on a random line bet. secs.1 and 2.
40.00	Set temp.¼ sec. cor.
58.00	Foot of Vermillion cliffs bears NW. and SE. Discontinue

Chains

measurement by chaining owing to precipitous cliffs.and obtain measurement by triangulation from the cor. of secs.1,2,11,and 12 as described as follows;and as shown on diagram



Designate cor.of secs.1,2,11,and 12 "A" and set flag "B" at WC.to cor. of secs.1,2,35,and 36 on N.bdy.of Tp.which is 95 lks. N.and 32 lks. W.of true point for said cor., also a flag"C" at the WC.to 1/4 sec.cor.on line bet.secs.2 and 11.

From "A" flag "B" bears N0°2'W. and flag "C" bears N89°58'W. 41.00 chs.dist. Use bearing and dist. to C for base.

From "B" flag "C" bears S26°52'W.

Vertical angle to temp.1/4 sec.cor. bet. secs. 1 and 2 =-37°

Interior angles of triangle A-B-C 89°56', 26°54', and 63°10' the sum of which =180°

Length of A-B by solution of the triangle A-B-C = 80.86 chs.

The witness cor.to cor. of secs.1,2,35,and 36 being 95 lks. N.and 32 lks. W.of true point,the random line bet. secs.1 and 2 if continued N0°1'W.would therefore at

79.91 Intersect N.bdy.of Tp.30 lks.W.of true point for cor.of secs.1,2,35,and 36,hereinbefore described.

Thence

From true point for cor. of secs.1,2,35,and 36 S 0°12'W. on true line bet. secs.1 and 2,by triangulation,described above.

Descend (approx 1000 ft.) over Vermillion Cliffs facing SW.

21.91 Foot of cliffs bears NW. and SE.

Continue line and measurement by chaining.

39.91 Set an iron post 3 ft. long, 1 in. in diam.18 ins. in the ground to bedrock,deposit stone 12x10x4 ins. marked with a cross (x) alongside,and raise a mound of stone 2 ft. base 1½ ft. high around the post for ¼ sec. cor.,marked on brass cap

1/4

S 2 | S 1

1927

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

Continue descent 100 ft. over SW.slope.

47.91 Badger Creek 30 lks. wide course SE.Stream of clear water 4 lks. wide 6 ins. deep

48.91 Badger Creek 40 lks. wide.stream 4 lks. wide 6 ins.deep course S15°W.

55.91 Badger Creek 40 lks. wide,stream 5 lks. wide 6 ins.deep course SE.

Ascend 68 ft. over NE. slope.

57.91 Top of spur slopes SE.

Descend 85 ft. over SW. slope

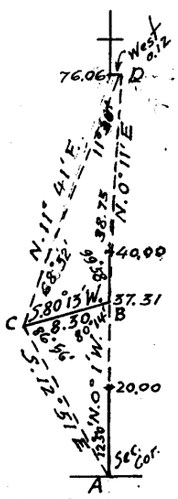
65.08 Dry sand wash 20 lks. wide 24 ft. deep course NE.

Ascend 181 ft. over NW. slope.

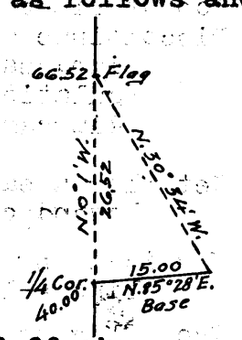
70.41 Top of steep ascent on spur slopes NE.,thence over broken NE.slope

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

Subdivision of T 39 N., R 6 E.

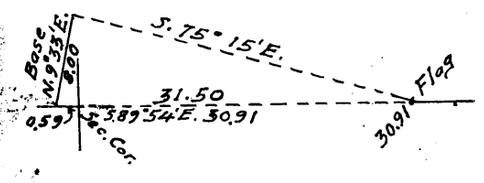
Chains	
	Land, mountainous. Soil, stony 4 th. rate.. Timber, none. Undergrowth, sage and blackbrush.
	From the cor. of secs. 2,3,34, and 35 on S.bdy. of Tp. hereinbefore described. N 0°01'W. bet. secs. 34 and 35. Descend NW. slope over broken stony mountainous land, through scattering undergrowth.
20.00	South edge of box canyon bears NE. and SW. Impossible to continue measurement by chaining owing to impassable cliffs. Discontinue measurement by chaining and obtain dist. across canyon by triangulation from sec. cor. as described as follows.
	Designate cor. of secs. 2,3,34, and 35 on S.bdy of Tp. "A" and set flag "B" N0°1'W. on sec. line on N.side of box canyon. From "B" lay off base S80°13'W. 8.30 chs. dist. to point "C". from "C" the flag at "A" bears S12°51'E. Included angles of triangle A-B-C are 12°50', 80°14', and 86°56' the sum of which =180° Length of A-B (dist. across canyon), by solution of triangle A-B-C =37.31 chs.
	
28.00	(Approx dist.) Wash course NE. in bottom of box canyon
37.31	Triangulation point on N.side of box canyon on spur slopes E.
	Continue line and measurement by chaining.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in the ground to bedrock, deposit a stone 12x12x8 ins. marked with a cross (x) alongside, and raise a mound of stone 2 ft. base 1½ ft. high around the post for ¼ sec. cor. marked on brass cap
	¼ S 34 | S 35 1926
	Raise a mound of stone 3½ ft. base 2 ft. high W. of cor. This point falls on S.rim of Soap Creek canyon, bears NW. and SE., Impossible to continue measurement by chaining owing to impassable cliffs. Discontinue measurement by chaining and obtain measurement across canyon by triangulation from point "B" of the above triangulation using same base "B-C" as described as follows
	Set flag "D" N0°11'E. on N.rim of canyon From W.end of base at "C" flag "D" bears N11°41'E. Included angles of triangle B-C-D, are 99°58", 68°32', and 11°30', the sum of which = 180° see diagram above Length of B-D by solution of

Chains	
	of triangle B-C-D =38.75 chs.N0°11'E. From flag at D.chain measurement West 0.12 chs.to point on sec.line
	Dist.by first triangulation---------- =37.31 chs. Dist.by second triangulation------- =38.75 chs. Total dist.on sec. line---------- =76.06 chs.
42.00	(Approx.dist.) Wash course E.
47.30	(Approx.dist.) Bottom of canyon bears NW. and SE.cross Soap Creek course SE.
76.06	North rim of canyon on sec. line 12 lks. W.of triangulation station. Continue line and measurement by chaining. Leave broken mountainous land,bears NW. and SE.Enter rolling land.
80.00	Set an iron post 3 ft. long, 2 ins. in diam.10 ins. in the ground to bedrock,deposit stone 10x10x10 ins. marked with cross (x) alongside,and raise a mound of stone 3 ft. base 2½ ft. high around the post for cor. of secs.26,27,34,and 35.marked on brass cap T39N | R6E S 27 | S 26 S 34 | S 35 1926
	Land,rolling and mountainous. Soil,stony 4 th. rate. Timber,none. Undergrowth,sage and blackbrush.
	East on a random line bet. secs.26 and 35.
40.00	Set temp.¼ sec. cor.
80.04	Intersect N. and S.line 14 lks. N.of the cor. of secs. 25,26,35,and 36.
	Thence N 89°54'W.on true line bet. secs. 26 and 35. Over rolling stony land, through scattering undergrowth.
40.02	Set an iron post 3 ft. long, 1 in. in diam.28 ins. in the ground for ¼ sec. cor.,marked on brass cap ¼ S 26 S 35 1926
	Raise a mound of stone 3 ft. base 3 ft. high N.of cor.
80.04	The cor. of secs.26,27,34,and 35.
	Land,rolling. Soil,stony 4 th. rate. Timber, none. Undergrowth,sage and blackbrush.
	N 0°01'W. bet. secs. 26 and 27. Over broken stony prairie land,through scattering undergrowth.
25.85	Road to Lee's Ferry bears E. and W.

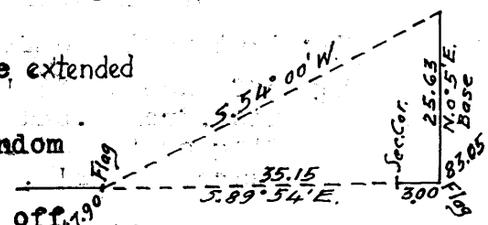
Chains	
40.00	Set an iron post 3 ft. long, 1 in. in diam. 30 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 27 | S 26 1926
	Raise a mound of stone 2 ft. base 2 ft. high W. of cor. Precipitous ascent from ¼ sec. cor. over S. slope of rim-rock. Impossible to continue measurement by chaining owing to almost impassable cliffs. Discontinue chaining and obtain measurement by triangulation as described as follows and as shown on diagram.
	Set flag ahead on sec. line on top of rim-rock Vertical angle to flag =+14° Lay off base N85°28'E. 15.00 chs. dist. from E. end of base the flag on top of rim-rock bears N30°34'W.
	
	Dist. on sec. line ---------- =40.00 chs. Dist. by triangulation ---------- =26.52 chs. Total dist. on sec. line ---------- =66.52 chs.
66.52	Triangulation point on top of rim-rock, bears NE. and SW. 425 ft. above ¼ sec. cor. Continue line and measurement by chaining Descend 10 ft. over NW. slope
78.00	Sand wash 8 lks. wide 2 ft. deep course NE. Ascend slightly over SE. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 4 ins. in the ground to bedrock, deposit a lava stone 12x10x10 ins. marked with a cross (x) alongside and raise a mound of stone 5 ft. base 2½ ft. high around the post for cor. of secs. 22, 23, 26, and 27 marked on brass cap T39N | R 6E S 22 | S 23 S 27 | S 26 1926
	Land, rolling and broken. Soil, stony 4 th. rate. Timber, none. Undergrowth, sage and blackbrush
	S 89°54'E. on a random line bet. secs. 23 and 26. Precipitous descent from sec. cor. Impossible to obtain measurement on line by chaining, therefore obtain measurement by triangulation as described as follows and as shown on diagram.

Subdivision of T 39 N., R 6 E.

Chains	
	Set flag ahead on random line [illegible]
	From point 59 lks.N89½°W. of cor. of secs.22,23,26, and 27,which is a more satisfactory point to lay off a base,measure a base N9°33'E.8.00 chs. to a point from which the flag bears S.75°15'E. on rim-rock,bears S [illegible]



	Dist.triangulated ----------31.50 chs.
	Dist.of triangulation point W.of sec.cor. = 0.59 chs.
	Total dist. on random sec.line---------- =30.91 chs.
30.91	Triangulation point on random line on rim-rock.
	Continue random line and measurement by chaining
40.00	Set temp ¼ sec. cor.
47.90	Top of rim-rock,bears N. and S.precipitous descent.
	Discontinue measurement by chaining,owing to almost impassable cliffs and obtain measurement by triangulation as described as follows and as shown on diagram
	Set flag ahead on random line extended beyond objective sec.cor.
	Vertical angle to flag on random line =-13½°
	From flag on random line,lay off base N0°5'E.25.63 chs. dist. From N.end of base,flag on random line on rim-rock bears S54°00'W.



	Dist.on random line----------=47.90 chs.
	Dist.by triangulation----------=35.15 chs.
	Total dist.on random line--------- =83.05 chs.
	Dist.by return measurement------ = 3.00 chs.
	80.05 chs.
80.05	Intersect N. and S. line at the cor. of secs.23,24,25,and 26.
	Thence N 89°54'W. on true line bet. secs.23 and 26.
	Over broken stony prairie land,through scattering undergrowth.
6.70	Sand wash 40 lks. wide 15 ft. deep course NE.
10.30	Road to Lee's Ferry bears N25°E. and S25°W.
14.00	Foot of impassable cliffs,bears NE. and SW.Discontinue measurement by chaining and obtain dist.to top by triangulation as described above.
32.15	Triangulation point on random line on rim-rock,bears N. and S.496 ft. above sec.cor.
	Continue line and measurement by chaining.
	Over rolling land.
40.02	Set an iron post 3 ft. long, 1 in. in diam.6 ins. in the ground to bedrock,deposit stone 12x10x6 ins.marked with cross (x) alongside,and raise a mound of stone 4 ft. base 2½ ft. high around the post for ¼ sec. cor.,marked on brass cap

¼ S 23 / S 26

1926

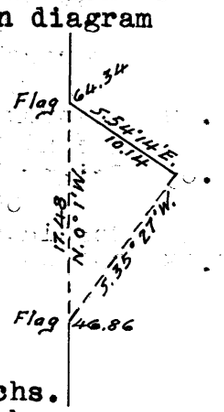
49.14	Foot of precipitous descent at triangulation point. On random line on rim-rock,bears NE. and SW.Discontin-
	Discontinue measurement by chaining and obtain dist.

Chains	
	by triangulation as described above.
80.05	The cor. of secs.22,23,26,and 27.
	Land,rolling and broken mountainous.
	Soil,stony 4 th. rate.
	Timber, none.
	Undergrowth,sage and blackbrush.
	N 0°01'W. bet. secs.22 and 23.
	Ascend 47 ft. over SE. slope over stony mountainous land,through sagebrush undergrowth.
15.97	Top of spur slopes E.
	Descend 99 ft. over N. slope.
31.89	Head of wash 200 lks. wide course S85°E.
36.00	Top of spur slopes E.
	Descend 30 ft. over N. slope.
36.90	Set an iron post 3 ft. long, 1 in. in diam.28 ins.in the ground for witness cor.to ¼ sec. cor.marked on brass cap

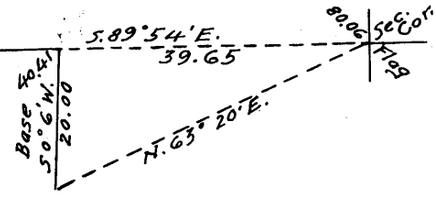
W C
¼
S 22 | S 23

1926

	Raise a mound of stone 2½ ft. base 2 ft. high W.of cor.
40.00	True point for ¼ sec. cor.falls on unsafe ground on steep slope.WC established on sec. line at 3.10 chs. S0°1'E.as described above.
46.86	S.rim of canyon,bears NW. and SE. Discontinue measurement by chaining owing to impassable cliffs.Obtain measurement across canyon by triangulation as described as follows and as shown on diagram
	Set flag on sec. line on N.rim of canyon
	Vertical angle to flag =+13½°
	From flag on sec. line on N. rim of canyon,lay off base S54°14'E.10.14 chs. dist. from E.end of base,flag at 46.86 ch.point on sec. line bears S35°27'W.



Dist.on sec. line	=46.86 chs.
Dist.by triangulation	=17.48 chs.
Total dist.on sec. line	=64.34 chs.
49.00	(Approx.dist.) Wash 8 lks. wide 4 ft. deep in bottom of canyon approx.90 ft. deep course SE.
52.00	(Approx dist.) Top of spur 102 ft. above bottom of canyon slopes SE.
56.00	(Approx dist.) Wash 8 lks. wide 4 ft. deep in bottom of canyon 82 ft. below top of spur,course SE.
64.34	Triangulation point on sec. line on N.rim of canyon, bears NW. and SE. 271 ft.above point on S.rim.
	Continue sec. line and measurement by chaining.
	Ascend 149 ft. over SW.slope to
80.00	Set an iron post 3 ft. long 2 ins. in diam.30 ins. in the ground for cor. of secs.14,15,22,and 23.marked on bras cap

Chains	
	T39N | R6E S 15 | S 14 S 22 | S 23 1926
	Raise a mound of stone 3 ft. base 3 ft. high W.of cor. Land,broken mountainous. Soil,stony 4 th. rate. Timber,none. Undergrowth,sage and blackbrush.
	S 89°54'E. on random line bet. secs.14 and 23.
40.00	Set temp.¼ sec. cor.
40.41	Top of precipitous descent. Discontinue measurement by chaining owing to impassable cliffs and obtain measurement as described as follows;and as shown on diagram.
	
	Set flag ahead on random sec. line and measure a base S0°6'W.20.00 chs. dist. From S.end of base,the flag on random line bears N63°20'E.
	Vertical angle to flag on random line=-11° Dist.on random line----------=40.41 chs. Dist.by triangulation----------=39.65 chs. Total dist.on random line---------- =80.06 chs.
80.06	Intersect N. and S. line 14 lks. S.of the cor. of secs. 13,14,23,and 24.
	Thence West on true line bet. secs. 14 and 23.by triangulation described above. Overbroken stony mountainous land,through scattering undergrowth.
6.00	(Approx dist.) Sand wash,course SE.
	Ascend SE.slope over cliffs.
39.65	Triangulation point on top of cliffs,bears NE. and SW. 607 ft. above sec. cor.
	Continue line and measurement by chaining.
40.03	Set an iron post 3 ft. long, 1 in. in diam.8 ins. in the ground to bedrock,deposit a limestone 14x10x6 ins.marked with a cross (x) alongside and raise a mound of stone 4 ft. base 2 ft. high around the post for ¼ sec. cor.marked on brass cap ¼ S 14 / S 23 1926
	Descend 29 ft. over stony SW. slope.
45.64	Sand wash 5 lks. wide 2 ft. deep course S75°E.
	Ascend 446 ft. over broken stony NE. slope to
73.86	Top of spur slopes SE.
	Descend 7 ft. over SW.slope to
80.06	The cor. of secs. 14,15,22,and 23.
	Land,broken mountainous. Soil,stony 4 th. rate. Timber,none. Undergrowth,sage and blackbrush.

Chains	
	N0°1'W. bet. secs.14 and 15.
	Ascend 99 ft. over broken stony SW.slope through scattering undergrowth.
11.12	Top of spur slopes S75°E.
	Descend 18 ft. over NE. slope.
18.82	Sand wash 6 lks. wide 2 ft. deep course S82°E.
	Ascend 26 ft. over SW.slope.
29.61	Top of spur slopes S80°E.
	Descend 326 ft. over NE.slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam.20 ins. in the ground to bedrock,and raise a mound of stone 2 ft. base 1 ft. high around the post for ¼ sec.cor. marked on brass cap

¼

S 15 | S 14

1926

	Raise a mound of stone 2½ ft. base 2 ft. high W.of cor.
49.66	Sand wash 12 lks. wide 2 ft. deep course E.
	Ascend 128 ft. over S. slope.
60.95	Top of spur slopes E.
	Descend 120 ft. over N. slope.
67.52	Sand wash 9 lks. wide 2 ft. deep course E.
	Ascend 148 ft. over rocky S.slope.
77.11	Top of spur slopes E.
	Descend 13 ft. over N. slope.
80.00	Set an iron post 3 ft. long 2 ins. in diam.28 ins. in the ground for cor. of secs.10,11,14,and 15. marked on brass cap

T39N | R6E

S 10 | S 11

S 15 | S 14

1926

Raise a mound of stone 3 ft. base 3 ft. high W.of cor.

Land,mountainous.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,sage and blackbrush.

	East on a random line bet. secs. 11 and 14.
40.00	Set temp.¼ sec. cor.
79.89	Intersect N. and S. line 10 lks. N.of the cor. of secs. 11,12,13,and 14.
	Thence
	N 89°56'W.on true line bet. secs. 11 and 14.
	Over stony mountainous land,slopes NE.
3.00	Top of small spur slopes N10°E.
	Descend over NW. slope.
3.50	Sand wash 7 lks. wide 1 ft. deep course N85°E.thence along N.slope
11.04	Sand wash 15 lks. wide course N.
21.74	Same sand wash 15 lks. wide 4 ft. deep course S85°E.
30.64	Same sand wash 18 lks. wide course N85°E.

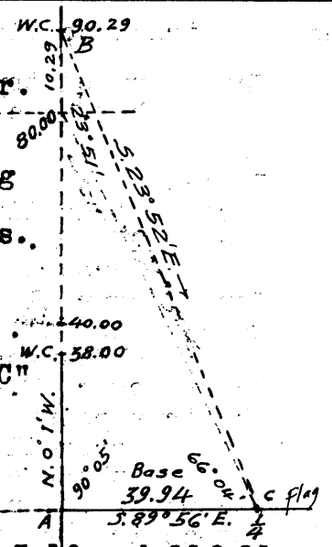
Subdivision of T 39 N., R 6 E.

Chains	
	Ascend 136 ft. over rocky E.slope to
39.95	Top of spur slopes S. Set an iron post 3 ft. long, 1 in. diam.8 ins. in the ground to bedrock,deposit a limestone 24x20x10 ins.marked with cross (x) alongside and raise a mound of stone 4 ft. base 2 ft. high around the post for ¼ sec. cor.,marked on brass cap ¼ S 11 / S 14 1926
	Descend over SW.slope.
40.55	Sand wash course S80°E.
	Ascend 40 ft. over rocky NE.slope.
46.98	Top of spur slopes N.
	Descend over W.slope
48.57	Same sand wash course N85°E.
	Ascend 293 ft. over rocky SE.slope.
79.89	The cor. of secs.10,11,14,and 15.
	Land,mountainous. Soil,stony 4 th. rate. Timber,none. Undergrowth,sage and blackbrush.

	N 0°01'W. bet. secs.10 and 11.
	Descend 80 ft. over stony N.slope over broken mountainous land,through scattering undergrowth.
4.83	Sand wash 5 lks. wide 1 ft. deep course N85°E.
	Ascend 77 ft. over SE.slope.
10.59	Top of spur slopes E.
	Descend 221 ft. over N. slope.
20.12	Sand wash 3 lks. wide 4 ft. deep course N75°E.
	Ascend 45 ft. over SE.slope.
30.79	Top of spur slopes N80°E.
	Descend 23 ft. over N. slope.
31.14	Sand wash 6 lks. wide 3 ft. deep course N80°E.
	Ascend 23 ft. over SE.slope.
33.79	Top of spur slopes E.
	Descend 10 ft. over N. slope.
37.00	Set an iron post 3 ft. long, 1 in. in diam.4 ins. in the ground to bedrock,deposit stone 14x10x8 ins. marked with cross (x) alongside,and raise a mound of stone 5 ft. base 2½ ft. high around the post for witness cor. to the ¼ sec.cor.marked on brass cap W C ¼ S 10 | S 11 1927
38.00	Sand wash 4 lks. wide 3 ft. deep,course SE. Precipitous ascent over Vermillion cliffs.Discontinue measurement by chaining and obtain measurement from cor. of secs.10,11,14,and 15.by triangulation as described as follows;and as shown on diagram.
	Designate cor.of secs.10,11, 14 and 15 "A" and set

Chains

flag "B" on top of cliffs, also flag "C" at ¼ sec. cor. of secs.11 and 14,and use W½ of line bet.secs.11 and 14 for a base. From"A" flag "B" bears N0°1'W. and flag "C"bears S89°56'E.39.94 chs. dist.



Vertical angle to flag "B" =+20¼°

From "B"flag "C" bears S23°52'E.

Included angles of triangle "A-B-C" are 90°05',23°51',and 66°04' the sum of which =180°

Length of "A-B" by solution of the triangle A-B-C=90.29 chs.

80.00 The true point for cor. of secs.2,3,10,and 11,falls on inaccessible cliff,therefore at triangulation point "B" on top of Vermillion Cliffs,10.29 chs.N0°1'W of true point, Set an iron post 3 ft. long 2 ins. in diam.over cross (x) on bedrock,and raise a mound of stone 5 ft. base 3 ft. high around the post for witness cor.to cor. of secs.2,3,10,and 11,marked on brass cap

T39N | R6E	
S 3	S 2
S 10	S 11

W C
1927

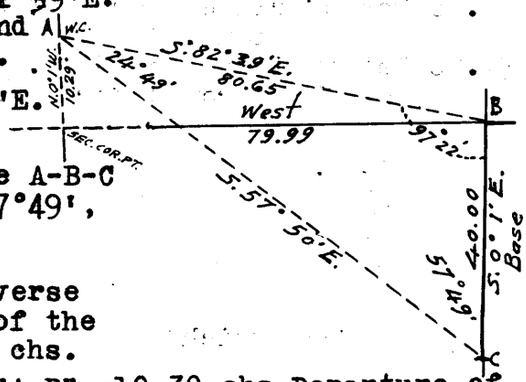
Land,mountainous.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,scattering sage and blackbrush.

The true point for cor. of secs.2,3,10,and 11 being inaccessible,obtain true bearing and dist.of line bet. secs. 2 and 11 by triangulated traverse from the WC.to cor. of secs. 2,3,10,and 11.,established at 10.29 chs.N0°1'W.of true point,as described as follows; and as shown on diagram.

Designate WC. "A" and set flag "B" at cor. of secs. 1,2,11,and 12, also flag "C" at the ½ sec. cor. of secs.11 and 12. and use N½ of line bet. secs.11 and 12 for a base.

From "A" flag "B" bears S82°39'E. (vertical angle =-20°)and flag "C" bears S57°50'E.

From B flag "C" bears S0°1'E. 40.00 chs. dist.



Interior angles of triangle A-B-C are 24°49',97°22',and 57°49', the sum of which =180°

Length of triangulated traverse line "A-B" by solution of the triangle A-B-C is 80.65 chs.

Latitude of traverse line "A-B" =10.30 chs.Departure of

Subdivision of T 39 N., R 6 E.

Chains	
	traverse line "A-B" =79.99 chs.
	The computed true bearing and dist. of subdivision line bet. secs. 2 and 11 are therefore, West, 79.99 chs.
	Thence
	West on true line bet. secs. 2 and 11
	Ascend 232 ft. over NE. slope over stony mountainous land, through scattering undergrowth.
31.00	Top of spur slopes SE.
	Descend 124 ft. over rocky SW. slope.
38.00	Sand wash course SE.
	Ascend over NE. slope.
40.00	The true point for ¼ sec. cor. falls in small ravine, where prevailing conditions would destroy the cor., therefore continue line and measurement
	Ascend 32 ft. over E. slope.
41.00	Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground to bedrock, deposit a limestone 10x8x6 ins. marked with a cross (x) alongside, and raise a mound of stone 4 ft. base 2 ft. high around the post for witness cor. to the ¼ sec. cor., marked on brass cap
	¼ S 2 / S 11 WC 1927
64.00	Foot of Vermillion cliffs bears NE. and SW. Impossible to continue measurement by chaining.
79.99	(Dist. computed from triangulated traverse, described above) The true point for cor. of secs. 2, 3, 10, and 11.
	Land, rough mountainous.
	Soil, stony 4 th. rate.
	Timber, none.
	Undergrowth, scattering sage and blackbrush.

	From true point for cor. of secs. 2, 3, 10, and 11.
	N 0°01'W. on a random line bet. secs. 2 and 3.
10.29	(Computed dist. by triangulation, hereinbefore described)
	Intersect WC. to cor. of secs. 2, 3, 10 and 11. on top of vermillion Cliffs.
	Continue random line and measurement by chaining.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. bdy. of Tp. 11 lks. E. of the cor. of secs. 2, 3, 34, and 35. hereinbefore described.
	Thence
	S 0°6'E. on true line bet. secs. 2 and 3.
	Descend slightly over SE. slope over rolling sandy and stony land, through scattering cedar and pinion timber and undergrowth.
2.87	Sand wash 10 lks. wide course NE.
	Ascend 190 ft. over NW. slope.
34.96	Top of ridge bears NE. and SW. thence over rolling sandy land.
39.96	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap
	¼ S 3 | S 2 1927
	from which

Subdivision of T 39 N., R 6 E.

Chains	
	A cedar 14 ins. in diam. bears S88½°E38 lks. dist., marked ¼ S2 BT.
	A pinion 18 ins. in diam. bears N89½°W.111 lks. dist., marked ¼ S3 BT.
69.67	A point on S.edge of the Vermillion Cliffs, bears NE. and SW. 1 lk. W. of WC. to cor. of secs. 2,3,10, and 11, established, by triangulation, at 10.29 chs. N0°1'W of true point for cor. which is inaccessible.
	Impossible to continue measurement by chaining, owing to precipitous cliffs. Measurement computed by triangulation
79.96	The true point for cor. of secs. 2,3,10, and 11
	Land, rolling, hilly, and mountainous.
	Soil, sandy, and stony 3 rd. and 4 th. rate.
	Timber, cedar and pinion.
	Undergrowth, sage and blackbrush.
	From true point for cor. of secs. 3,4,33, and 34 on S. bdy. of Tp. hereinbefore described.
	N 0°02'W., bet. secs. 33 and 34.
	Ascend 93 ft. over S. slope over broken stony land, thru. scattering undergrowth.
8.50	Sand wash 12 lks. wide 2 ft. deep course S45°E.
	Ascend 25 ft. over SW. slope.
21.50	Top of ascent on S. edge of mesa. Leave broken land bears NW. and SE. enter rolling land.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in the ground for ¼ sec. cor., marked on brass cap

¼

S 33 | S 34

1926

	Raise a mound of stone 2½ ft. base 2 ft. high W. of cor.
55.00	Descend 29 ft. over NW. slope.
76.35	Sand wash 75 lks. wide 12 ft. deep course N50°E.
	Ascend slightly over SE. slope
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 27,28,33, and 34. marked on brass cap

T39N | R6E

S 28 | S 27

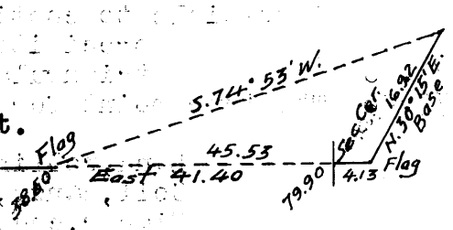
S 33 | S 34

1926

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

Land, rolling and broken.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, sage and blackbrush.

Chains	
	East on a random line bet. secs.27 and 34.
40.00	Set temp.¼ sec. cor.
	Impossible to continue measurement on random line by chaining owing to impassable cliffs along Soap Creek canyon.Discontinue measurement by chaining and obtain measurement across Soap Creek canyon. from 38.50 ch.point on random line as described as follows;and as shown on diagram.
	Set flag on random line on E.side of canyon.
	From flag on random line on E. side of canyon,measure a base N30°15'E.16.92 chs.dist. from N.end of base flag at 38.50 ch.station on W.side of canyon bears S74°53'W



	Dist.on random line----------=38.50 chs.
	Dist.by triangulation---------- =45.53 chs.
	Total dist.on random line------- =84.03
	Dist.by return measurement-------- = 4.13
	79.90
79.90	Intersect N and S.line 6 lks. N.of the cor. of secs.26, 27,34,and 35.
	Thence
	N89°58'W.on true line bet. secs. 27 and 34.
	Precipitous descent over SW.slope over mountainous land.
	Impossible to obtain measurement by chaining.Measurement obtained by triangulation as described above.
1.00	(Approx.dist.) Deep ravine 50 lks. wide course S.
33.90	(Approx.dist.) Bottom of Soap Creek canyon,bears NW. and SE.cross Soap Creek 30 lks. wide course SE.
	Ascend W.side of canyon.
39.60	Set an iron post 3 ft. long, 1 in. in diam.12 ins. in the ground to bedrock,deposit stone 10x8x6 ins. alongside,and raise a mound of stone 3 ft. base 2 ft. high around the post for witness cor.to the ¼ sec. cor.marked on brass cap

WC ¼ S 27 / S 34

1926

	Continue line and measurement by chaining.
39.95	True point for ¼ sec. cor.falls in bed of sand wash 20 lks. wide,banks 2 ft. high,course NE.where it is impossible to establish a permanent cor.
	Ascend 56 ft. over SE.slope.
41.40	Triangulation point on W.side of Soap Creek canyon.
	Leave mountainous land.bears NW. and SE.,thence over rolling land.
69.80	Sand wash 20 lks. wide,course N15°E.
	Ascend slightly over SE.slope
79.90	The cor. of secs.27,28,33,and 34.
	Land,rolling and mountainous.
	Soil,stony 4 th. rate.
	Timber,none.
	Undergrowth,sagebrush.

	N 0°02'W. bet. secs,27 and 28.
	Descend 36 ft. over NW.slope over stony mesa land,thru.

Chains	
	scattering sagebrush undergrowth.
3.50	Sand wash 50 lks. wide 20 ft. deep course N10°E.
	Ascend 59 ft. over SE.slope.to
8.00	Top of spur,slopes E.
	Descend 38 ft. over N. slope.
14.21	Soap Creek 20 lks. wide.water clear [illegible] 4 lks. wide 2 ins. deep course S45°E.
	Ascend 150 ft. over SW.slope.
15.00	Road to Lee's Ferry,bears E. and W.
40.00	Set an iron post 3 ft. long, 1 in. in diam.20 ins. in the ground to bedrock,supported by a mound of stone 2 ft. base 1 ft. high for ¼ sec. cor.,marked on brass cap

¼

S 28 | S 27

1926

from which,

+

A (B O) on boulder 12x10x,1 ft. above ground bears N4°W. 10 lks. dist.

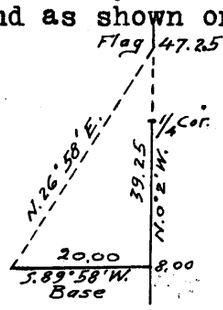
Raise a mound of stone 4 ft. base 2½ ft. high W.of cor.

The SW.cor. of stone house bears S76°52'W.11.44 chs. dist.

The SE.cor. of stone house bears S20°12'W.16.51 chs.dist.

This cor.falls at foot of impassable cliff.Discontinue measurement by chaining and obtain dist.by triangulation as described as follows and as shown on diagram.

Set flag ahead on line on top of cliff and from 8.00 ch. point on sec.line,lay off a base 20.00chs.S89°58'W.,from W.end of which the flag on sec.line on cliff bears N26°58'E. Vertical angle from the 8.00 ch.point to flag=+10½°



Dist.on sec. line----------=8.00 chs.

Dist by triangulation----------=39.25 chs.

Total dist.on sec.line---------- =47.25 chs.

47.25	Triangulation point on sec. line on top of cliff,bears E. and W (approx.360 ft. above ¼ sec. cor.)
	Continue sec. line and measurement by chaining.
	Ascend slightly over nearly level bench land.
80.00	Set an iron post 3 ft. long,2 ins. in diam.28 ins. in the ground for cor. of secs.21,22,27,and 28.marked on brass cap

T39N | R6E

S 21 | S 22

S 28 | S 27

1926

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

Land,rolling,broken,and mountainous.
Soil,sandy and stony 4 th. rate.
Timber,none.
Undergrowth,sage and blackbrush.

Chains	
	S 89°58'E.on a random line bet. secs.22 and 27.
40.00	Set temp.¼ sec. cor.
79.82	Intersect N. and S. line 26 lks. S.of the cor. of secs. 22,23,26,and 27.
	Thence
	S 89°51'W.on true line bet. secs.22 and 27.
	Over rolling sandy and stony bench land,through scattering blackbrush undergrowth.
9.32	Sand wash 9 lks. wide 2 ft. deep course S40°E.
	Ascend 23 ft. over rolling NE. slope.
32.02	Top of spur slopes S25°E.
	Descend 16 ft. over SW.slope.
39.27	Sand wash 3 lks. wide 1 ft. deep course S.
	Ascend 48 ft. over E. slope.
39.91	Set an iron post 3 ft. long, 1 in. in diam.28 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼ S 22 / S 27

1926

	Raise a mound of stone 2½ ft. base 2 ft. high N.of cor.
44.74	Top of spur slopes S10°E.
	Descend 66 ft. over SW.slope.
51.25	Sand wash 8 lks. wide 1 ft. deep course S15°E.
	Ascend 36 ft. over NE. slope.
52.32	Top of spur slopes S5°E.
	Descend 38 ft. over SW.slope.
65.77	Sand wash 7 lks. wide 1 ft. deep course S5°W.
	Ascend over SE. slope.
79.82	The cor. of secs.21,22,27,and 28.

Land,rolling.
Soil,sandy and stony 4 th. rate.
Timber,none.
Undergrowth,blackbrush.

	N 0°02'W. bet. secs. 21 and 22.
	Over broken stony mountainous land,through scattering undergrowth.
7.69	Sand wash 5 lks. wide 1 ft. deep course SW.
	Ascend 40 ft. over SE. slope.
11.16	Top of spur slopes SE.
	Descend 18 ft. over NE. slope.
15.94	Same sand wash 6 lks. wide 1 ft. deep course SE.
	Ascend 625 ft. over SW. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam.18 ins. in the ground to bedrock,supported by a mound of stone 2 ft. base 1½ ft. high for ¼ sec. cor.marked on br brass cap

¼

S 21 | S 22

1926

	Raise a mound of stone 2 ft. base 1½ ft. high W.of cor.
50.18	Top of spur slopes S70°E.
	Descend 105 ft. over N. slope.
55.57	Sand wash 5 lks. wide 1 ft. deep course W.;head of wash about 2.00 chs.E. of line.
	Ascend 270 ft. over S. slope.

Chains	
70.22	Top of spur slopes S85°W.
	Descend 38 ft. over NW.slope.
72.74	Ravine 5 lks. wide 1 ft. deep course W.
	Ascend 134 ft. over S.slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 15, 16, 21, and 22. marked on brass cap

T39N | R6E
S 16 | S 15
S 21 | S 22

1926

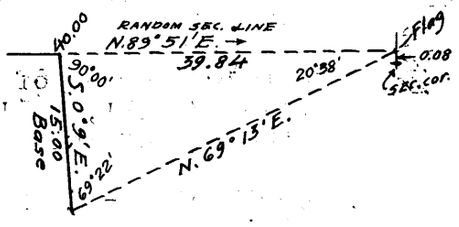
Raise a mound of stone 3½ ft. base 2½ ft. high W. of cor.

Land, mountainous.
Soil, stony 4 th. rate.
Timber, none.
Undergrowth, blackbrush, yucca palms, and cactae.

N 89°51'E. on a random line bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

Impossible to continue measurement by chaining owing to precipitous slope; Discontinue measurement by chaining and obtain measurement by triangulation as described as follows; and as shown on diagram



Set flag ahead on random line.
Vertical angle to flag = -8°
Lay off a base S0°9'E. 15.00 chs. dist. from S. end of which, flag on random line bears N69°13'E.

Dist. on random line----------=40.00 chs.
Dist. by triangulation----------=39.84 chs.
Total dist. on random line------ =79.84 chs.

79.84 Intersect N. and S. line 8 lks. N. of the cor. of secs. 14, 15, 22, and 23.

Thence
N 89°54'W. on true line bet. secs. 15 and 22.
Ascend over precipitous SE. slope over stony mountainous land. impossible to measure by chaining. Obtain measurement by triangulation as described above.

4.84 (Approx. dist.) Wash 6 lks. wide 4 ft. deep, course S. in bottom of canyon with perpendicular walls.

39.84 Triangulation point 460 ft. above sec. cor.; Continue line and measurement by chaining.

39.92 Set an iron post 3 ft. long, 1 in. in diam. 20 ins. in the ground to bedrock, supported by a mound of stone 2 ft. base 1 ft. high for ¼ sec. cor., marked on brass cap

¼ S 15
S 22

1926

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

Chains	
	Descend over SW. slope
46.42	Sand wash 5 lks. wide 2 ft. deep course SE.
	Ascend over NE. slope
52.00	(Approx.dist.) Top of spur slopes SE.
	Descend over SW. slope.
57.02	Sand wash 5 lks. wide 1 ft. deep course S40°E.
	Ascend 184 ft. over NE. slope.
65.61	Top of spur slopes S25°W.
	Descend over SW. slope.170 ft.to
79.84	The cor. of secs.15,16,21,and 22.

Land,mountainous.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,scattering blackbrush.

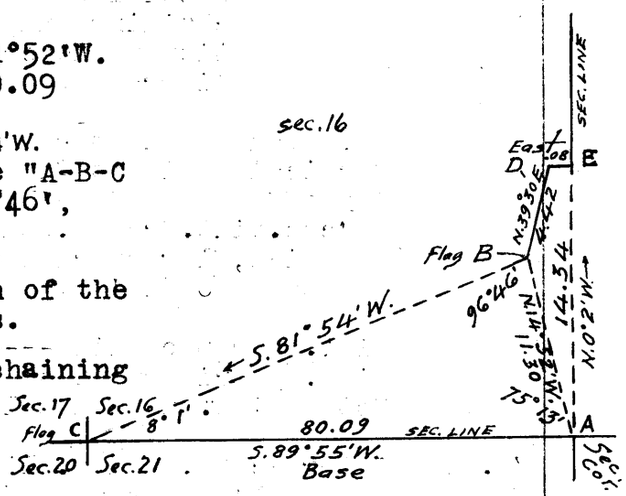
N 0°02'W. bet. secs.15 and 16.
Precipitous ascent over S.face of the Vermillion Cliffs from sec.cor.Impossible to obtain measurement by chaining. Obtain measurement by triangulation and traverse as described as follows;and as shown on diagram.

Designate cor.of secs.15,16,21,and 22. "A"and set flag "B" on top of Vermillion Cliffs;vertical angle to "B" =+60½°,also set flag "C" at cor. of secs.16,17,20,and 21. and use line bet. secs.16 and 21 for base.

From "A" flag "B" bears N14°52'W. and "C" bears S89°55'W.80.09 chs.dist.
From "B" Flag "C" bears S.81°54'W.
Included angles of triangle "A-B-C are 75°13',8°01',and 96°46', the sum of which =180°

Length of "A-B" by solution of the triangle A-B-C =11.30 chs.

From "B"continue traverse,chaining measurement,to "E"



Traverse"A-B-D-E"(N14°52'W. 11.30 chs."A-B"
(N39°30'E. 4.42 chs."B-D"
(East 0.08 chs."D-E"

Latitude of traverse =14.34 chs.N. Departure of traverse =0.01 chs.W.

14.34 Traverse point "E" on sec.line on top of Vermillion Cliffs bears E. and W.645 ft. above sec.cor.
Leave mountainous land bears NE.and W. Enter rolling stony land and timber bears E. and W.
Continue line and measurement by chaining.
40.00 Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap

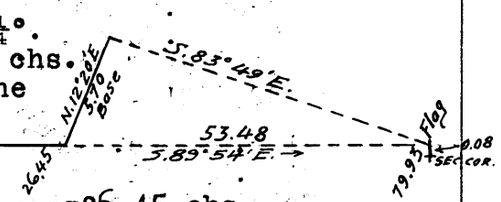
¼
S 16 | S 15

Chains	
	from which,
	A pinion 14 ins. in diam. bears S43½°E.45 lks. dist., marked ¼ S15 BT.
	A pinion 10 ins. in diam. bears N87½°W.96 lks. dist., marked ¼ S16 BT.
57.60	Ascend 98 ft. over S. slope of sandstone ledge.
67.40	Top of ledge bears NE. and W. thence over rolling land.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 9,10,15,and 16. marked on brass cap

T39N | R6E	
S 9	S 10
S 16	S 15

1927

	from which,
	A pinion 24 ins. in diam. bears N62°E.94 lks. dist., marked T39N.,R6E.,S10 BT.
	A pinion 10 ins. in diam. bears S32¾°E.74 lks. dist., marked T39N.,R6E.,S15 BT.
	A pinion 16 ins. in diam. bears S24½°W.109 lks. dist., marked T39N.,R6E.,S16 BT.
	A pinion 16 ins. in diam. bears N14½°W.53 lks. dist., marked T39N.,R6E.,S9 BT.
	Land,rolling and mountainous.
	Soil,stony 4 th. rate.
	Timber,cedar and pinion.
	Undergrowth,oak and sagebrush and yucca palms.
	S 89°54'E. on a random line bet. secs.10 and 15.
26.45	East edge of Vermillion cliffs,bears NE. and SW.Impossible to continue measurement by chaining.Obtain measurement by triangulation as described as follows;and as shown on diagram.
	Set flag ahead on random line. vertical angle to flag=-30¼°. lay off base N12°20'E.5.70 chs. dist.from N.end of which the flag on random line bears S83°49'E.



Dist.on random line----------=26.45 chs.
Dist.by triangulation---------- =53.48 chs.
Total dist.on random line------- =79.93 chs.

79.93	Intersect N. and S. line 8 lks. N.of the cor. of secs. 10,11,14,and 15.
	Thence N 89°51'W on true line bet. secs.10 and 15.
	Ascend 358 ft. over NE. slope of spur over stony mountainous land,through scattering undergrowth.
23.14	Top of spur slopes SE.
	Descend 61 ft. over SW. slope.
26.07	Sand wash 5 lks. wide 2 ft. deep course S25°E.
	Ascend 336 ft. over NE.slope
39.92	Foot of Vermillion Cliffs,bears NE. and SW.
39.96	Set an iron post 3 ft. long, 1 in. in diam.over cross (x) on sandstone ledge and raise a mound of stone 5 ft. base 3 ft. high around the post for ¼ sec. cor.marked on brass cap

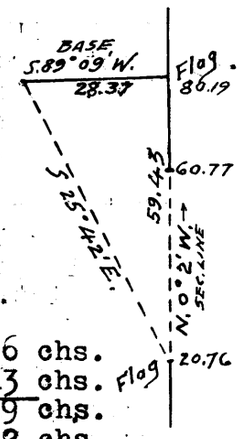
K4

52

BOOK 3754

Subdivision of T 39 N., R 6 E.

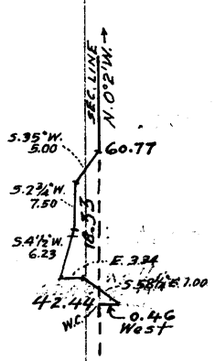
Chains	
	¼ S 10 / S 15
	1927
	Impossible to continue measurement by chaining owing to precipitous cliffs. Discontinue chaining and obtain distance by triangulation, described above.
53.48	Triangulation point on E. edge of Vermillion cliffs bears NE. and SW. 1070 ft. above ¼ sec. cor.
	Leave mountainous land bears NE. and SW.
	Enter broken land and scattering timber, bears NE. and SW.
	Continue line and measurement by chaining.
	Ascend 199 ft. over E. slope of sandstone ledges.
65.48	Top of sandstone ledge bears NE. and SW., thence over rolling mesa land.
79.93	The cor. of secs. 9, 10, 15, and 16.
	Land, rolling, broken, and mountainous.
	Soil, stony 4 th. rate.
	Timber, cedar and pinion.
	Undergrowth, sagebrush and yucca palms.
	N 0°02'W. bet. secs. 9 and 10.
	Over rolling stony land, through cedar and pinion timber and scattering undergrowth.
20.76	Foot of precipitous cliffs. Impossible to continue measurement on line by chaining. Discontinue chaining and obtain measurement by triangulation as described as follows and as shown on diagram.



Set flag ahead on line on top of cliffs.
From flag on sec. line on top of cliffs, lay off a base S89°09'W. 28.37 chs. dist. from W. end of base a flag at the 20.76 ch. station on sec. line at foot of cliffs bears S25°42'E.

Dist. on sec. line ---------- = 20.76 chs.
Dist. by triangulation ---------- = 59.43 chs.
Total dist. on sec. line ---------- = 80.19 chs.
Dist. by return measurement ------- = 19.42 chs.
60.77 chs N0°2'W

From 60.77 ch. station on sec. line chain measurement on traverse as follows;



	S35°W.	5.00 chs.
	S2¾°W	7.50 chs.
	S4½°W	6.23 chs.
	East	3.34 chs.
	S58¼°E	1.00 ch. to traverse pt.

The southing of this traverse is 18.33 chs. and the easting is 47 lks., therefore the traverse point is 46 lks. E. of 42.44 ch. station on sec. line.

40.00	True point for ¼ sec. cor. falls on face of cliffs where it is inaccessible.
	From traverse point measure west 46 lks. to

Chains

42.44 Set an iron post 3 ft. long, 1 in in diam. 8 ins. in the ground to bedrock., deposit sand stone 18x12x6 ins. marked with cross (x) alongside, and raise a mound of stone 8 ft. base 2 ft. high around the post for witness cor to ¼ sec. cor. marked on brass cap

	¼	
	S 9	S 10
	WC	

1927

from which,

A pinion 8 ins. in diam. bears S38¼°W. 12 lks. dist., marked WC ¼ S9 BT.
No other bearing trees within limits.
Thence measureing by traverse to
60.77 N. end of traverse on cliffs bears NE. and SW.
Continue line and measurement by chaining.
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 3, 4, 9, and 10. marked on brass cap

T39N	R6E
S 4	S 3
S 9	S 10

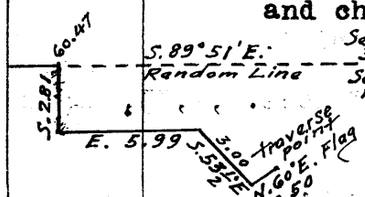
1927

from which,

A pinion 24 ins. in diam. bears N79¼°E. 667 lks. dist., marked T39N., R6E., S3 BT.
A cedar 14 ins. in diam. bears S16¼°E, 290 lks. dist., marked T39N., R6E., S10 BT.
A cedar 36 ins. in diam. bears S40¼°W. 260 lks. dist., marked T39N., R6E., S9 BT.
A pinion 10 ins. in diam. bears N63°W. 467 lks. dist., marked T39N., R6E., S4 BT.

Land, rolling and mountainous.
Soil, stony 4 th. rate.
Timber, cedar and pinion.
Undergrowth, sagebrush and yucca palms.

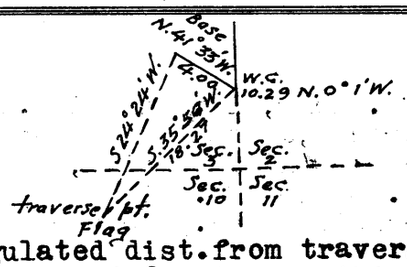
S 89°51'E. on a random line bet. secs. 3 and 10.
40.00 Set temp. ¼ sec. cor.
60.47 East edge of cliffs. Discontinue chaining on random line and chain traverse as follows;



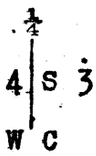
South	2.81 chs.	
East	5.99 chs.	
S53½°E	3.00 chs;	
N60°E	0.50 chs.	to traverse point and set flag for triangulation

From WC. to cor. of secs. 2, 3, 10, and 11 (10.29 chs. N0°1'W from true point), measure a base N41°33'W. 4.00 chs. dist. to a point from which flag at traverse point bears S24°24'W: Same flag bears S35°47'W. from WC

Subdivision of T 39 N., R 6 E.

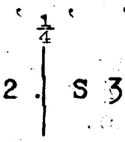
Chains	
	
	Triangulated dist.from traverse point to WC =18.27 chs. N35°56'E.the northing and easting of which are 14.78 and 10.72 respectively.
	The southing and easting of traverse are 4.34 and 8.83 chs. respectively.
	The northing and easting from 60.47 ch.station on random line to WC.are 10.44 chs.and 19.55 chs.respectively.
	The random line extended would therefore at
80.03	Fall 20 lks.S.of true point for cor. of secs.2,3,10,and 11 which is inaccessible.
	Thence
	West on true line bet. secs.3 and 10.
	Over E.face of Vermillion cliffs.measurement of 19.55 chs by triangulation and traverse as hereinbefore described.through scattering timber
19.55	Traverse point on top of Vermillion Cliffs,bears NE. and SW. approx.1000 ft.above sec.cor. pt.
	Continue line and measurement by chaining.
	Descend 86 ft.. over NW.slope.
30.02	Foot of descent. in E.edge of small valley bears NE. and SW.
32.53	Shallow draw course S.
40.01	Set an iron post 3 ft. long,1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap ¼ S 3 S 10 1927
	from which,
	A cedar 12 ins. in diam. bears N22½°E144 lks. dist., marked ¼ S3 BT.
	A cedar 14 ins. in diam. bears S24½°W.87 lks. dist., marked ¼ S10 BT..
45.00	Leave level valley bears NE. and SW.
	Ascend 52 ft. over SE.slope over broken stony land.
75.03	Top of ridge bears NE. and SW.
	Descend 92 ft. over NW. slope to
80.03	The cor. of secs. 3,4,9,and 10.
	Land,level,broken,and mountainous. Soil,stony 4th. rate. Timber,cedar and pinion. Undergrowth,sagebrush and scrub cedar.
	N 0°6'W.on random line bet. secs. 3 and 4.
40.00	Set temp.¼ sec. cor.
80.16	Intersect N. bdy.of Tp.at the cor. of secs.3,4,33,and 34 hereinbefore described.
	Thence
	S 0°6'E.on true line bet. secs. 3 and 4.
	Over rolling sandy and stony land,through scattering timber and undergrowth.
35.16	Leave rolling land bears NE. and SW. enter broken land
	Ascend 100 ft. over stony NW.slope.
37.64	Set an iron post 3 ft. long,1 in. in diam.28 ins in the

Chains	
	ground for witness cor to the ¼ sec. cor.marked on brass cap



	from which,
	A pinion 24 ins. in diam. bears N87°E 42 lks. dist., marked ¼ S3 BT.
	A cedar 6 ins. in diam. bears S56°W.89 lks. dist., marked ¼ S4 BT.
40.06	True point for ¼ sec. cor.falls on steep face of ledge sloping to S.where it is impossible to establish a permanent cor. WC.established on sec.line at 2.52 chs.N0°6'W.as described above.
80.16	The cor. of secs.3,4,9,and 10.
	Land,rolling and broken.
	Soil,stony 4 th. rate.
	Timber, cedar and pinion.
	Undergrowth,sagebrush and yucca

	From the cor. of secs.4,5,32,and 33 on S.bdy.of Tp. hereinbefore described
	N 0°03'W.bet. secs. 32 and 33.
	Ascend 12 ft. over S. slope over rolling stony land,through scattering undergrowth.
1.19	Top of spur slopes S75°E.
	Descend 46 ft. over NE.slope.
3.34	Sand wash 4 lks. wide course SE.
12.54	Sand wash 9 lks. wide 2 ft. deep course S75°E.
	Ascend 34 ft. over SW.slope.
19.19	Top of spur slopes SE.
	Descend 34 ft. over NE. slope.
25.19	Sand wash 12 lks. wide 3 ft. deep course E.
	Ascend 34 ft. over S.slope.
30.31	Sand wash 9 lks. wide 1 ft. deep course S30°E. continue ascent 88 ft. over SW.slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam.12 ins. in the ground to bedrock,deposit a limestone 12x10x6 ins.marked with cross (x) alongside,and raise a mound of stone 3 ft. base 2 ft. high around the post,for ¼ sec. cor.marked on brass cap



44.90	Top of spur slopes S70°E.
	Descend 138 ft. over NE. slope.
56.67	Sand wash 15 lks. wide 2 ft. deep course E.
	Ascend 34 ft. over S. slope.
58.21	Top of spur slopes E.

Chains	
	Descend 28 ft. over stony N.slope.
67.79	Sand wash 6 lks. wide 2 ft. deep course S65°E.
	Ascend 289 ft. over SW.slope.
78.99	Top of ascent on S.edge of bench land bears NE. and SW. thence over nearly level land on bench.
80.00	Set an iron post 3 ft. long, 2 ins. in diam.12 ins. in the ground to bedrock,deposit a limestone 12x10x3 ins. marked with cross (x) alongside,and raise a mound of stone 3 ft. base 2 ft. high around the post for cor. of secs.28,29,32,and 33.marked on brass cap T39N | R6E S 29 | S 28 S 32 | S 33 1926
	Land,rolling. Soil,stony 4 th. rate. Timber,none. Undergrowth,scattering blackbrush.
	East on a random line bet. secs. 28 and 33.
40.00	Set temp.¼ sec. cor.
80.07	Intersect N. and S. line 12 lks.S.of the cor. of secs. 27,28,33,and 34.
	Thence S89°55'W. on true line bet. secs. 28 and 33. Descend slightly over NW. slope over rolling stony land, through scattering undergrowth.
1.27	Sand wash 75 lks. wide 20 ft. deep course N60°E.
	Ascend slightly over flat,slopes SE.
17.04	Road to Lee's Ferry bears N35°E and S35°W.
29.53	West edge of flat bears NE. and SW.
	Ascend 471 ft. over rocky SE.slope
40.03	Set an iron post 3 ft. long,1 in. in diam.over cross (x) on exposed ledge and raise a mound of stone 4 ft. base 3 ft. high around the post for ¼ sec. cor. marked on brass cap ¼ S 28 S 33 1926
49.87	Top of steep ascent on E.edge of bench land,bears NE. and SW.thence over rolling land on bench
80.07	The cor. of secs.28,29,32,and 33.
	Land,rolling and broken. Soil,stony 4 th. rate. Timber, none. Undergrowth,scattering blackbrush.
	N 0°03'W bet. secs. 28 and 29. Over rolling stony bench land,through scattering undergrowth.

Subdivision of T 39 N., R 6 E.

Chains	
7.00	Begin gradual descent over N. slope.
18.80	Sand wash 7 lks. wide 1 ft. deep course N80°E.
	Ascend 16 ft. over S. slope.
23.99	Top of spur slopes E.
	Descend 173 ft. over broken N. slope.
29.55	Sand wash 4 lks. wide 1 ft. deep course E.
	Ascend 126 ft. over S. slope.
31.00	Top of spur slopes E.
	Descend 28 ft. over N. slope.
36.04	Sand wash 12 lks. wide 1 ft. deep small stream water, course S30°E.
	Ascend 194 ft. over SW. slope.
40.00	Set an ~~iron~~ post 3 ft. long, 1 in. in diam. 24 ins. in the ground to bedrock, supported by a mound of stone 2 ft. base 1 ft. high for ¼ sec. cor., marked on brass cap

$$\begin{array}{c|c} & \frac{1}{4} \\ \hline S\ 29 & S\ 28 \end{array}$$

1926

Raise a mound of stone 2 ft. base 2 ft. high W. of cor.

47.66	Top of spur slopes S35°E.
	Descend 109 ft. over NE. slope.
54.83	Sand wash 6 lks. wide 1 ft. deep course E.
	Ascend 209 ft. over S. slope.
61.90	Top of spur slopes S55°E.
	Descend 198 ft. over rocky NE. slope.
73.98	South fork of Soap Creek 20 lks. wide, stream clear water 1½ ft. wide 4 ins. deep, course S80°E.
	Ascend 139 ft. over rocky S. slope.
80.00	Point of spur slopes SE.
	Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 20, 21, 28, and 29. marked on brass cap

$$\begin{array}{c|c} T39N & R6E \\ S\ 20 & S\ 21 \\ \hline S\ 29 & S\ 28 \end{array}$$

1926

Raise a mound of stone 2 ft. base 2 ft. high W. of cor.

Land, broken foothills.
Soil, stony, 4 th. rate.
Timber, none.
Undergrowth, scattering blackbrush.

	N 89°55'E. on a random line bet. secs. 21 and 28
27.53	Top of precipitous descent. Impossible to continue measurement by chaining. Triangulate as described as follows and as shown on diagram.

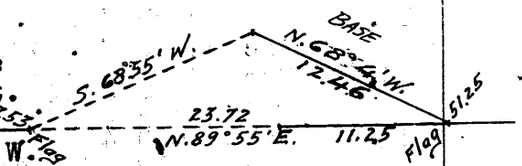
150

58

BOOK 3754

Subdivision of T 39 N., R 6 E.

Chains	
	Set flag ahead on random sec. line and leave flag at 27.53 ch. point.
	From flag on random line measure a base N68° 4'W.12.46 chs.dist. from N.end of which flag at 27.53 ch.station bears S68°55'W.



Dist.on random sec.line----------=27.53 chs.
Dist.by triangulation---------- =23.72 chs.
Total dist.on random line------- =51.25 chs.
Dist.by return measurement------ =11.25
40.00

40.00	Set temp.¼ sec. cor.
	Continue line and measurement by chaining.
51.25	Triangulation station.
80.12	Intersect N. and S. line 12 lks. S.of the cor. of secs. 21,22,27,and 28.
	Thence
	S 89°50'W.on true line bet. secs.21 and 28.
	Descend over NW.slope over broken stony land,through scattering undergrowth.
5.17	Sand wash 9 lks. wide 1 ft. deep course S65°W.
	Ascend over SE.slope
13.07	W.edge of bench land bears NW. and SE.
	Descend 205 ft. over SW.slope of bench land.
20.04	Sand wash 4 lks. wide 1 ft. deep course S55°W.
	Ascend 133 ft. over SE.slope
28.87	Triangulation point at top of ascent on point of bench land extends S.
	Descend 191 ft. over W.slope of bench.
38.11	Wash 9 lks. wide 1 ft. deep course S.
	Ascend 65 ft. over E. slope.
40.06	Set an iron post 3 ft. long, 1 in. in diam.6 ins. in the ground to bedrock,deposit sandstone 12x10x10 ins marked with cross (x) alongside,and raise a mound of stone 5 ft. base 2½ ft. high around the post for ¼ sec. cor.,marked on brass cap

¼ S 21
S 28

1926

40.12	Top of spur slopes S. precipitous descent Impossible to continue measurement by chaining.Obtain measurement by triangulation as hereinbefore described.
47.12	(Approx.dist.) Soap Creek in bottom of canyon;contains stream clear water 3 lks. wide 2 ins. deep course SE. Bottom of canyon approx 124 ft. below ¼ sec. co sec. cor.
	Ascend approx 250 ft. over E.face of cliffs.
52.59	Triangulation station at top of ascent on W.side of canyon edge of bench land bears NW.and SE.continue line and measurement by chaining.
	Ascend 209 ft. over broken NE. slope.
68.13	Top of spur slopes S45°E.
	Descend 50 ft. over SW. slope.
78.87	Dry ravine 4 lks. wide 1 ft. deep course S45°E.
	Ascend 25 ft. over NE. slope.
80.12	The cor. of secs.20,21,28,and 29

Land,broken
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,blackbrush.

· Subdivision of T 39 N., R 6 E.

Chains	
	N 0°03'W. bet. secs 20 and 21.
	Ascend 34 ft. over S.slope over stony hilly land, thru. scattering undergrowth.
2.95	Top of spur slopes S80°E.
	Descend 32 ft. over NE. slope.
5.25	Sand wash 3 lks. wide 1 ft. deep course S45°E.
	Ascend 32 ft. over SW. slope.
7.95	Top of spur slopes S55°E.
	Descend 184 ft. over NE. slope.
24.16	Sand wash 6 lks. wide course S80°E.
	Ascend 184 ft. over S.slope.
30.66	Top of spur slopes E.
	Descend 56 ft. over N. slope.
32.63	Sand wash 6 lks. wide 2 ft. deep course S40°E.
	Ascend 158 ft. over SW. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for ¼ sec. cor. marked on brass cap

¼
S 20 | S 21
1926

	Raise a mound of stone 3 ft. base 2½ ft. high W. of cor.
54.52	Top of spur slopes S20°E.
	Descend 70 ft. over NE. slope.
56.44	Fork of Soap Creek 35 lks. wide 1 ft. deep course S40°E.
	Ascend 262 ft. over SW. slope.
72.93	Top of spur slopes S55°E.
	Descend 27 ft. over NW. slope.
74.37	Sand wash 3 lks. wide 1 ft. deep course S55°E.
	Ascend 104 ft. over SE. slope
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 16, 17, 20, and 21. marked on brass cap

T39N | R6E
S 17 | S 16
S 20 | S 21
1926

Raise a mound of stone 3 ft. base 2½ ft. high W. of cor.
A spring at head of Soap Creek bears N25°W. 27.00 chs. dist.
Land, hilly.
Soil stony 4 th rate.
Timber, none.
Undergrowth, scattering sage and blackbrush.

	N 89°50'E. on a random line bet. secs. 16 and 21.
40.00	Set temp ¼ sec. cor.
80.09	Intersect N. and S. line 12 lks. N. of the cor. of secs. 15, 16, 21, and 22.
	Thence
	S 89°55'W. on true line bet. secs. 16 and 21
	Descend 134 ft. over SW. slope over stony mountainous land, through scattering undergrowth.
4.11	Head of wash 4 lks. wide course S10°W. thence over broken stony S. slope.
28.22	Sand wash 5 lks. wide 2 ft. deep course S.
	Ascend 134 ft. over E. slope.
33.63	Top of spur slopes S.
	Ascend 236 ft. over E. slope

Subdivision of T 39 N., R 6 E.

Chains

40.04 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in the ground for ¼ sec. cor. marked on brass cap

¼ S 16 / S 21

1926

Raise a mound of stone 4 ft. base 2½ ft. high N. of cor.
50.46 Sand wash 9 lks. wide 2 ft. deep course S15°E.
Ascend 112 ft. over NE. slope.
51.27 Top of spur slopes S15°E.
Descend 269 ft. over SW. slope.
70.09 Sand wash 6 lks. wide 1 ft. deep course S.
Ascend 85 ft. over E. slope to
80.09 The cor. of secs. 16, 17, 20, and 21

Land, mountainous.
Soil, stony 4 th. rate.
Timber, none.
Undergrowth, sage and blackbrush.

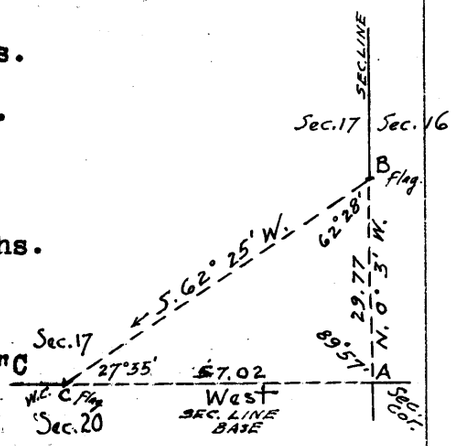
N 0°03'W. bet. secs. 16 and 17.
Precipitous ascent over S. face of Vermillion Cliffs.
Impossible to obtain measurement by chaining. Obtain measurement by triangulation from sec. cor. as described as follows and as shown on diagram.

Designate sec. cor. "A" and set flag "B" on line on top of cliffs. vertical angle to "B" =40°, also set flag "C" at WC. to ¼ sec. cor. of secs. 17 and 20, and use dist. and bearing to WC. for base.

From "A" flag "B" bears N0°03'W. and flag "C" bears West 57.02 chs. dist.

From "B" flag "C" bears S62°25'W.

Included angles of triangle "A-B-"C are 89°57', 62°28', and 27°35', the sum of which =180°



Length of "A-B" by solution of the triangle "A-B-C" =29.77 chs.
29.77 Triangulation station on sec. line on top of Vermillion Cliffs, bears NW. and SE. 1272 ft. above sec. cor.
Continue line and measurement by chaining.
Leave mountainous land. enter rolling sandy land and timber bears NW. and SE.
40.00 Set an iron post 3 ft. long, 1 in. in diam. over cross (x) on exposed bedrock, and raise a mound of stone 4 ft. base 3 ft. high around the post for ¼ sec. cor. marked on brass cap

¼
S 17 | S 16

1927

from which

Subdivision of T 39 N., R 6 E.

Chains

A yellow pine 18 ins. in diam. bears S22¼°E 300 lks. dist.,marked ¼ S16 BT.
A yellow pine 12 ins. in diam. bears S26¼°W.62 lks. dist. marked ¼ S17 BT.

65.66 Top of sandstone cliffs bears NE. and SW.
Descend 218 ft. over broken stony NW.slope.

80.00 Set an iron post 3 ft. long, 2 ins. in diam.20 ins.in the ground to bedrock,and raise a mound of stone 2 ft. base 1 ft. high around the post for cor. of secs.8,9,16,and 17.marked on brass cap

T39N | R6E
S 8 | S 9
S 17 | S 16

1927.

from which,

A pinion 22 ins. in diam. bears N38°E. 22 lks. dist., marked T39N.,R6E.,S9 BT.
A cedar 10 ins.in diam. bears S26°E.101 lks. dist., marked T39N.,R6E.,S16 BT.
A pinion 12 ins. in diam. bears S16¼°W.91 lks. dist., marked T39N.,R6E.,S17 BT.
A pinion 10 ins. in diam. bears N33½°W.96 lks. dist., marked T39N.,R6E.,S8 BT.

Land,rolling,broken,and mountainous.
Soil,stony and sandy,3 rd. and 4 th. rate.
Timber, cedar,pinion,and yellow pine.
Undergrowth,scattering blackbrush and scrub cedar.

N 89°55'E. on a random line bet. secs.9 and 16.
40.00 Set temp.¼ sec. cor.
80.00 Intersect N. and S. line 2 lks. N.of the cor. of secs.9, 10,15,and 16.
Thence
S 89°56'W.on true line bet. secs.9 and 16.
Descend 144 ft. over W.slope over broken stony land,thru. cedar,pinion,and yellow pine timber and undergrowth
36.00 Set an iron post 3 ft. long, 1 in. in diam.26 ins.in the ground for witness cor. to the ¼ sec. cor.marked on brass cap

WC ¼ | S 9
S 16

1927

from which,

A cedar 12 ins. in diam. bears N31½°W.62 lks. dist., marked WC ¼ S9 BT.
A cedar 6 ins. in diam. bears S5½°W.67 lks. dist., marked WC ¼ S16 BT.

39.35 Sand wash 30 lks. wide course N.
Ascend 164 ft. over E.slope.
40.00 True point for ¼ sec. cor.falls on steep sloping ledge where it is impossible to establish a permanent

Subdivision of T 39 N., R 6 E.

Chains	
.	cor.WC.established on sec. line at 4.00 chs. N89°56'E.as hereinbefore described.
62.30	Leave stony land,bears NE. and SW, enter sandy land.slopes W.
63.22	Old brush fence bears NW. and SE.
68.40	Sand wash 15 lks. wide 6 ft. deep course NE.
	Ascend 53 ft. over SE.slope.
80.00	The cor. of secs. 8,9,16,and 17.
	Land,rolling and broken.
	Soil,sandy and stony 3 rd. and 4 th. rate.
	Timber,yellow pine,pinion,and cedar.
	Undergrowth,blackbrush and scrub cedar.
	N 0°03'W.bet. secs. 8 and 9.
	Over rolling sandy mesa land,through heavy timber and undergrowth.
13.50	Descend 115 ft. over NW. slope.
40.00	Set an iron post 3 ft. long. 1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼

S.8 | S 9

1927

from.which,

A pinion 10 ins. in diam. bears N39¼°E.24 lks. dist., marked ¼ S9 BT.
A pinion 14 ins. in diam. bears S68½°W.51 lks. dist., marked ¼ S8 BT.

47.40	Sand wash 10 lks. wide 1 ft. deep course NW.
	Ascend 20 ft. over SW.slope.
73.50	Top of low spur slopes NW.
	Descend gradually over NE. slope.
80.00	Set an iron.post 3 ft. long, 2 ins. in diam.28 ins. in the ground for cor. of secs.4,5,8,and 9.marked.on brass cap.

T39N | R6E
S 5. | S 4
S 8 | S 9

1927

from which,

A pinion 14 ins. in diam. bears N63½°E.72 lks. dist., marked T39N.,R6E.,S4 BT.
A pinion 16 ins. in diam. bears S57½°E.65 lks. dist., marked T39N.,R6E.,S9 BT.
A cedar 12 ins. in diam. bears S39½°W.82 lks. dist., marked T39N.,R6E.,S8 BT.
A pinion 10 ins. in diam. bears N7½°W.54 lks. dist., marked T39N.,R6E.,S5 BT.

Land,rolling.
Soil,sandy 3 rd. and 4 th. rate.
Timber,cedar and pinion.
Undergrowth,blackbrush and scrub cedar.

Subdivision of T 39 N., R 6 E.

Chains	
	N 89°56'E. on a random line bet. secs.4 and 9.
40.00	Set temp.¼ sec. cor.
79.95	Intersect N. and S. line 10 lks.N.of the cor. of secs. 3,4,9,and 10.
	Thence
	West on true line bet. secs. 4 and 9.
	Ascend 138 ft. over SE.slope over broken stony land,thru. cedar and pinion timber and undergrowth.
27.59	Top of ascent. Leave broken land,bears NE. and SW.
	Enter rolling sandy land.
39.97	Set an iron post 3 ft.long 1 in. in diam:24 ins. in the ground for ¼ sec. cor.marked on brass cap
	¼ S 4 / S 9
	1927
	from which,
	A pinion 12 ins. in diam. bears N28°E.100 lks. dist., marked ¼ S4 BT.
	A cedar 12 ins. in diam. bears S89½°E.9 lks. dist., marked ¼ S9 BT.
40.00	Top of low sand ridge bears NE. and SW.
	Descend 23 ft. over NW. slope.
59.95	Sand wash,course NE.
	Ascend 23 ft. over SE. slope.
64.95	Top of low sand ridge bears NE. and SW.
	Descend 23 ft. over NW. slope to
79.95	The cor. of secs.4,5,8,and 9.
	Land,rolling and broken.
	Soil,sandy and stony 4 th. rate.
	Timber, cedar and pinion.
	Undergrowth,sage and rabbit brush.
	N 0°06'W.on a random line bet. secs. 4 and 5.
40.00	Set temp.¼ sec. cor.
79.92	Intersect N. bdy.of Tp.10 lks. E.of the cor. of secs.4,5, 32,and 33,hereinbefore described.
	Thence
	S 0°10'E. on true line bet. secs. 4 and 5.
	Ascend 52 ft.over N. slope over rolling sandy land,thru. heavy cedar and pinion timber and undergrowth.
30.92	Top of spur slopes NE.
	Descend over SE. slope.
33.42	Sand wash 10 lks. wide.course NE..
	Ascend 23 ft. over NW. slope.
39.92	Set an iron post 3 ft. long, 1 in. in diam.24 ins. in. the ground for ¼ sec. cor.,marked on brass cap
	¼ / S 5 | S 4
	1927
	from which,

Subdivision of T 39 N.,R 6 E.

Chains	
	A pinion 20 ins. in diam. bears N51¼°E 95 lks. dist., marked ¼ S4 BT.
	A cedar 10 ins. in diam. bears N81¼°W. 73 lks. dist., marked ¼ S5 BT.
44.92	Top of sand ridge bears NE. and SW.
	Descend over SE. slope. 23 ft.
59.52	Sand wash 15 lks. wide 2 ft. deep course SE.
	Ascend over NE. slope.
68.52	Draw course NE.
	Ascend over NW. slope to
79.92	The cor. of secs. 4,5,8,and 9.

Land, rolling.
Soil, sandy 3 rd. rate.
Timber, cedar and pinion.
Undergrowth, sage and rabbit brush.

From the cor. of secs.5,6,31,and 32 on S.bdy.of Tp. hereinbefore described.
N 0°03'W. bet. secs. 31 and 32.
Ascend 75 ft. over SE. slope over broken stony land, thru. scattering undergrowth.

9.72	Top of spur slopes N80°E.
	Descend 208 ft. over NW. slope.
19.32	Sand wash 9 lks. wide 2 ft. deep course N85°E.
	Ascend 123 ft. over SE. slope.
25.81	Top of spur slopes E.
	Descend 64 ft. over N. slope.
28.22	Sand wash 4 lks. wide 1 ft. deep course E.
	Ascend 141 ft. over rocky S. slope.
32.28	Top of spur slopes S65°E.
	Descend 67 ft. over NE. slope.
34.45	Sand wash 5 lks. wide 1 ft. deep course S85°E.
	Ascend 67 ft. over SW. slope.
37.28	Top of spur slopes S85°E.
	Descend 76 ft. over NE. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 6 ins. in the ground to bedrock, and raise a mound of stone 3 ft. base 2½ ft. high around the post for ¼ sec.cor. marked on brass cap

¼
S 31 | S 32

1926.

Deposit a limestone 10x8x8 ins marked with a cross (x) at base of monument.

40.63	Sand wash 6 lks. wide 2 ft. deep course S85°E.
	Ascend 159 ft. over SW. slope.
42.92	Top of spur slopes S80°E.
	Descend 93 ft. over NE. slope.
57.47	Sand wash 15 lks. wide 1 ft. deep course S70°E.
	Ascend 282 ft. over SW. slope.
68.17	Top of spur slopes S75°E.
	Descend 72 ft. over NE. slope. to
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 29,30,31,and 32. marked on brass cap

T39N | R6E
S 30 | S 29
S 31 | S 32

1926

Subdivision of T 39 N., R 6 E.

Chains

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

Land,broken and hilly.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,blackbrush.

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

40.00 Set temp.¼ sec. cor.

80.02 Intersect N. and S. line 3 lks.S.of cor.of secs.28,29,32, and 33.

Thence
S 89°59'W.on true line bet. secs.29 and 32.
Descend 170 ft. over SW.slope over broken stony land, through scattering undergrowth.

13.14 Head of sand wash course S45°E.
Ascend 278 ft. over NE. slope.

24.59 Top of spur slopes S65°E.
Descend 89 ft. over SW.slope.

31.71 Sand wash 3 lks. wide 1 ft. deep course S70°E.
Ascend 482 ft. over NE. slope.

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

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

1926.

Dig pits 18x18x12 ins.E. and W.of post 3 ft. dist.

52.75 Top of spur slopes S70°E.
Descend 125 ft. over SW.slope

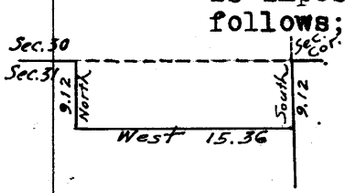
66.15 Head of wash 3 lks. wide 1 ft. deep course SE.thence over S.slope.

76.50 Sand wash 15 lks. wide 2 ft. deep course SE.
Ascend 56 ft. over NE. slope to

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

Land,broken and hilly.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,blackbrush.

West on random line bet. secs.30 and 31.
Owing to steep granite slope chaining on the random line is impossible,therefore measure by offset as follows;

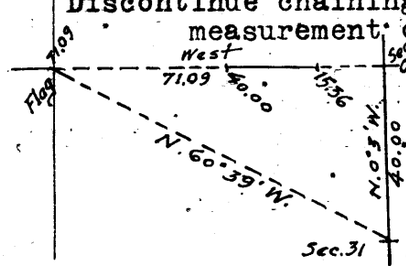


From the cor. of secs.29,30,31,and 32
South 9.12 chs.
West 15.36 chs.
North 9.12 chs. to offset point on the random line at

15.36 Thence continue measurement on random line

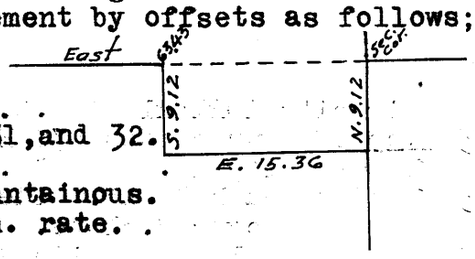
40.00 Set temp.¼ sec. cor.

Discontinue chaining owing to cliffs and triangulate measurement of remainder of line as follows;



Set flag ahead on random line.; vertical angle =+18°
Use N ½ of line bet.secs.31 and 32 as base N0°3'W.40.00 chs.
From S end of base the flag bears

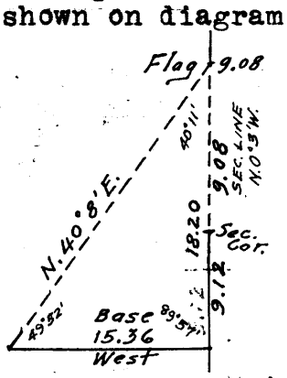
Chains	
	N60°39'W.and from N.end of base the flag bears due West.;Vertical angle to flag=+14½°
	Triangulated dist=71.09 chs.due west.
71.09	Triangulation point.Continue random line and measurement by chaining.
78.79	Intersect W.bdy.of Tp.at the cor. of secs.25,30,31,and 36 hereinbefore described Thence East on true line bet. secs.30 and 31. Over broken stony land,through scattering undergrowth.
7.70	Triangulation station on E.edge of cliffs,bears NE. and SW.Impossible to continue measurement by chaining. Obtain measurement by triangulation as described above.
38.79	Set an iron post 3 ft. long, 1 in. in diam.27 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 30 / S 31 1926 Raise a mound of stone 2½ ft. base 1½ ft. high N.of cor. This cor.is 620 ft. below top of cliff. Continue line and measurement by chaining. Continue steep descent 550 ft. over NE.slope.
63.43	Offset point on random line. Impossible to continue measurement by chaining on true line.therefore continue measurement by offsets as follows; South 9.12 chs. East 15.36 chs. North 9.12 chs. to
78.79	The cor. of secs.29,30,31,and 32.



Land,broken mountainous.
Soil,stony 4 th. rate.
Timber, none.
Undergrowth,blackbrush.

N 0°03'W.bet. secs.29 and 30.
Impossible to chain measurement north from sec.cor.owing to impassable cliffs,therefore triangulate dist. as described as follows and as shown on diagram

Set flag on sec. line on top of cliffs.;vertical angle to flag =+11°
Being unable to lay off base at sec. cor.owing to precipitous slopes,therefore at point 9.12 chs. S0°3'E.of sec. cor. measure a base West 15.36 chs. dist. from W.end of which the flag bears N40°08'E.



Triangulated dist.---------- -----=18.20 chs.
Dist.of triangulation point S.of sec. cor. = 9.12 chs.
Dist.by triangulation from sec. cor.to flag= 9.08 chs.

2.00	(Approx dist.) Wash 15 lks. wide 1 ft. deep course SE. Ascend approx.305 ft.over cliffs facing SE.
9.08	Triangulation station on sec. line on top of cliff,bears E. and W.,117 ft. above sec. cor. Continue line and measurement by chaining.

Subdivision of T 39 N., R 6 E.

Chains	
	Ascend 16 ft. over S.slope
10.42	Top of spur slopes E.thence over N.slope
28.04	Descend 112 ft. over N. slope.
32.43	Sand wash 6 lks. wide 2 ft. deep course E.
	Ascend 175 ft. over S.slope.
38.04	Top of spur slopes E.
	Descend 168 ft. over N.slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam.27 ins.in the ground for ¼ sec. cor.,marked on brass cap

¼
S 30 | S 29

1926

	Raise a mound of stone 4 ft. base 2½ ft. high W.of cor.
46.74	Sand wash 6 lks. wide 1 ft. deep course E.
	Ascend 166 ft. over S.slope.
61.29	Top of spur slopes S85°E.
	Descend 57 ft. over NE.slope.
67.21	Sand wash 9 lks. wide 3 ft. deep course E.
	Ascend 29 ft. over S.slope.
70.19	Top of spur slopes E.
	Descend 112 ft. over N.slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam.4 ins. in the ground to bedrock,deposit limestone 12x10x6 ins. marked with cross (x) alongside and raise a mound of stone 4 ft. base 2½ ft. high around the post for cor. of secs.19,20,29,and 30.,marked on brass cap

T39N | R6E
S 19 | S 20
S 30 | S 29

1926

Land, broken and hilly.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,blackbrush and oos.

	N 89°59'E. on a random line bet. secs. 20 and 29
40.00	Set temp.¼ sec. cor.
80.00	Intersect N. and S. line 3 lks. N.of the cor. of secs. 20,21,28,and 29.
	Thence
	West on true line bet. secs. 20 and 29.
	Ascend 23 ft. over E. slope over broken stony land,thru. scattering undergrowth.
6.92	Top of spur slopes S55°E.
	Descend 125 ft. over rocky SW.slope.
21.31	Soap Creek wash 12 lks. wide 3 ft. deep course S82°E.
	Ascend 351 ft. over NE. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam.27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼ S 20
S 29

1926

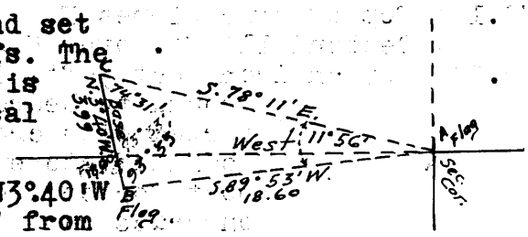
Chains

Raise a mound of stone 3 ft. base 2½ ft. high N.of cor.
56.76 Top of small spur slopes N.
Descend over W.slope
61.76 Head of wash,course N20°E.
Ascend 302 ft. over E.slope.
76.83 Top of spur slopes N.
Descend W.slope.31 ft. to
80.00 The cor. of secs. 19,20,29,and 30.

Land,broken foothills.
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,blackbrush.

West on a random line bet. secs.19 and 30.
Measurement by chaining on random line is impossible owing to precipitous cliffs,therefore obtain measurement by triangulation as described as as follows

Designate sec.cor. "A" and set flag "B" on top of cliffs. The bearing of "B" from "A" is S89°53'W. and the vertical angle =+53°



From "B" lay off a base N3°40'W 3.99 chs.dist.to "C" from which flag at "A" bears S78°11'E.

Included angle of triangle "A-B-C" are 11°56',93°33',and 74°31',the sum of which =180°

Length of "A-B" by solution of the triangle "A-B-C" is 18.60 chs.
From "B" chain North 0.04 chs.to point on random line at
18.60 West of sec. cor.
Continue random line and measurement by chaining.
40.00 Set temp.¼ sec. cor.
78.75 Intersect W.bdy.of Tp. 12 lks. S.of the cor. of secs.19, 24,25,and 30.hereinbefore described.
Thence
S 89°55'E.on true line bet. secs.19 and 30.
Ascend 127 ft. over NW.slope over broken stony land,thru. cedar and pinion timber and brush undergrowth.
38.75 Set an iron post 3 ft. long, 1 in. in diam.28 ins. in the ground for ¼ sec.cor.marked on brass cap

¼ S 19
S 30

1920

from which,

A pinion 10 ins. in diam. bears North 33 lks. dist., marked ¼ S 19 BT.
A pinion 14 ins. in diam. bears S39½°E.58 lks. dist., marked ¼ S30 BT.
45.00 Sand wash 10 lks. wide course NW.
54.60 Top of sandridge bears NE. and SW.
Descend 81 ft. over E. slope.
60.15 Triangulation station on E.edge of Vermillion Cliffs bears NE. and SW.,1000 ft. high

Chains

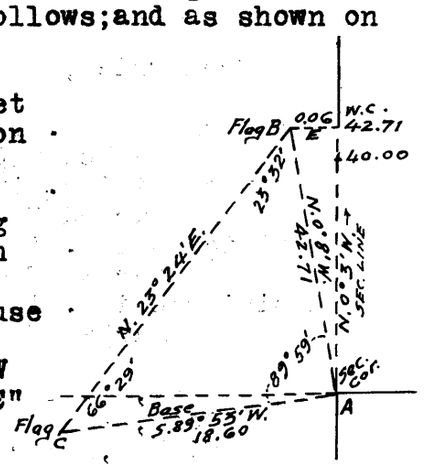
Impossible to continue measurement on line by chaining, owing to impassable cliffs Discontinue chaining and obtain measuremet of remainder of mile by triangulation as described above.

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

Land,broken mountainous?
Soil,stony 4 th. rate.
Timber,none.
Undergrowth,sagebrush and yucca.

N 0°03'W. bet. secs.19 and 20
Impossible to obtain measurement on line by chaining owing to impassable cliffs. Triangulate measurement as described as follows;and as shown on diagram.

Designate sec. cor. "A" and set flag "B" on top of Vermillion cliffs which from "A" bears N.0°8'W.;Vertical angle to flag "B"=+28½°, also set flag "C" at triangulation station near line bet. secs.19 and 30 hereinbefore described and use triangulated dist.for base. From "A" flag C bears S89°53'W 18.60 chs. dist. and from "C" flag "B" bears N23°24'E.



Included angles of triangle "A-B-C" are 89°59',23°32', and 66°29',the sum of which =180°
Length of "A-B" by solution of the triangle A-B-C is 42.71 chs.N0°8'W

12.00 (Approx.dist.) Soap Creek wash,course SE.

40.00 True point for ¼ sec. cor.falls on inaccessible cliff, WC.established on sec. line at 2.71 chs.N0°3'W. as hereinafter described.

From point "B"of the above triangulation chain 0.06 chs. East to point on sec.line on edge of cliffs 1345 ft. above sec. cor,at

42.71 Set an iron post 3 ft. long, 1 in. in diam.on bedrock, and raise a mound of stone 4 ft. base 3 ft. high around the post for witness cor.to ¼ sec. cor. marked on brass cap

¼
S 19 | S 20
W C

1927

from which,

A pinion 6 ins. in diam. bears N32°E.157 lks. dist., marked ¼ S20 WC.BT
A pinion 6 ins. in diam. bears N17°W.248 lks. dist., marked ¼ S19 WC.BT
Continue line and measurement by chaining.
Enter cedar and pinion timber,bears NE. and SW.
Ascend 134 ft. over S.face of ledge.

52.53 Top of ledge,bears E. and W.
Ascend S.face of ledge 165 ft.high.

55.70 Top of ledge bears NE. and SW.

Chains

64.56 Enter rolling land,bears NE. and SW.
Top of ledge,bears NE. and SW. Leave rolling land,bears NE. and SW.

Descend 114 ft. over NW.slope over broken land.

67,00 Foot of ledge,bears NE. and SW.continue gradual descent.

69.00 Sand wash 15 lks. wide course NW.

Enter rolling sandy land.bears NW. and SE.

80.00 Set an iron post 3 ft. long 2 ins. in diam.20 ins.in the ground to bedrock,and raise a mound of stone 2 ft. base 1 ft. high around the post for cor. of secs.17,18,19,and 20,marked on brass cap

T39N | R6E
S 18 | S 17
S 19 | S 20

1927

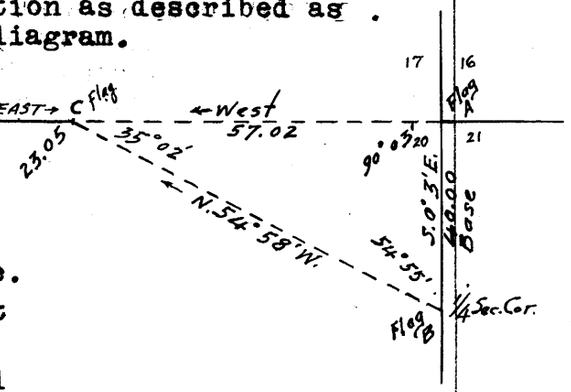
from which,

A pinion 12 ins. in diam.bears N70°E.42 lks. dist., marked T39N.,R6E.,S17 BT.
A pinion 12 ins. in diam. bears S32¼°E.12 lks. dist., marked T39N.,R6E.,S20 BT.
A pinion 6 ins. in diam. bears S60°W.36 lks. dist., marked T39N.,R6E.,S19 BT.
A pinion 6 ins. in diam. bears N13¼°W.103 lks. dist., marked T39N.,R6E.,S18 BT.

Land,rolling,broken,and mountainous.
Soil,stony 4 th. rate.
Timber,cedar and pinion.
Undergrowth,sagebrush and yucca.

East on a random line bet. secs. 17 and 20.

23.05 East edge of Vermillion Cliffs.Impossible to continue measurement of random line by chaining,owing to impassable cliffs.Discontinue chaining and obtain measurement by triangulation as described as follows and as shown on diagram.



Set flag "A" at cor.of secs.16, 17,20,and 21,;vertical angle to "A"=-28°.,also set flag "B" at ¼ sec. cor.bet.secs. 20 and 21.and use N½ of line bet. secs. 20 and 21 for base.

Leave flag "C" at 23.05 ch.point on random line.

From "A" flag "C" bears West,and flag "B" bears S0°3'E.40.00 chs. dist. and from"B " flag "C" bears N54°58'W.

Included angles of triangle "A-B-C". are 90°03',54°55',and 35°02', the sum of which =180°

Length of "A-C" by solution of the triangle "A-B-C" =57.02 chs.

Dist.on random line----------=23.05 chs.
Dist.by triangulation----------=57.02 chs.
80.07 chs.

Chains	
80.07	Intersect N. and S. line at the cor. of secs.16,17,20,and 21.
	Thence
	West on true line bet. secs.17 and 20.
	Impossible to obtain measurement by chaining owing to cliffs. Obtain measurement by triangulation as described above.
	Over mountainous land, through scattering undergrowth.
2.50	(Approx dist.) Fork of Soap Creek course SE.
10.00	(Approx.dist.) Top of spur slopes SE.
40.04	True point for ¼ sec. cor. falls on inaccessible cliff. WC established on sec. line at 16.98 chs. West as hereinafter described.
57.02	Triangulation station on edge of Vermillion Cliffs, bears NE. and SW., 1767 ft. above sec.cor.
	Set an iron post 3 ft. long, 1 in. in diam. on exposed. bedrock, deposit sand stone 18x10x6 ins. marked. with cross (x) alongside, and raise a mound of stone 6 ft. base 3 ft. high around the post for witness cor. to the ¼ sec. cor. marked on brass cap
	¼ S 17 / S 20 WC
	1927
	Continue line and measurement by chaining.
	Ascend 39 ft. over E. slope of ledge.
60.27	Top of ledge bears N. and S.
	Enter scattering timber bears N. and S.
	Descend 23 ft. over W. slope.
74.08	Sand wash 10 lks. wide course NW.
	Enter rolling sandy land.
80.07	The cor. of secs.17, 18, 19, and 20.
	Land, rolling, broken, and mountainous.
	Soil, sandy and stony, 3 rd. and 4 th. rate.
	Timber, cedar and pinion.
	Undergrowth, sagebrush and yucca.
	N 89°55'W. on random line bet. secs.18 and 19.
40.00	Set temp. ¼ sec. cor.
78.76	Intersect W.hdy. of Tp.2 lks. N. of the cor. of secs.13, 18, 19, and 24. hereinbefore described.
	Thence
	S 89°56'E. on true line bet. secs.18 and 19.
	Descend 46 ft. over E. slope over rolling sandy land, thru. cedar and pinion timber and undergrowth.
25.00	Ascend over W. slope 96 ft.
38.76	Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in the ground for ¼ sec. cor., marked on brass cap
	¼ S 18 / S 19
	1927
	from which,
	A pinion 10 ins. in diam. bears N30°E. 94 lks. dist., marked ¼ S 18 BT.

Subdivision of T 39 N., R 6 E.

Chains

A pinion 10 ins. in diam. bears S61°W.39 lks. dist., marked ¼ S 19 BT.

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

Land,rolling.
Soil,sandy 2 nd. and 3 rd. rate.
Timber, cedar and pinion.
Undergrowth,sagebrush and yucca palms.

N 0°03'W. bet. secs. 17 and 18.

Descend 23 ft.over NW. slope over rolling sandy land, through cedar and pinion timber and undergrowth.

35.00 Foot of descent.enter flat bears E. and W.

40.00 Set an iron post 3 ft. long,1 in. in diam.26 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼

S 18 | S 17

1927

from which,

A pinion 10 ins. in diam. bears S78¼°E.226 lks. dist., marked ¼ S17 BT.

A pinion 14 ins. in diam. bears S65°W.99 lks. dist., marked ¼ S18 BT.

80.00 Set an iron post 3 ft. long,2 ins. in diam.8 ins. in the ground to bedrock,and raise a mound of stone 3 ft. base 2 ft. high around the post for cor. of secs.7,8,17,and 18.marked on brass cap

T39N | R6E
S 7 | S 8
S 18 | S 17

1927

from which,

A pinion 10 ins. in diam. bears N40½°E.26 lks. dist., marked T39N.,R6E.,S8 BT.

A pinion 14 ins. in diam. bears S82¼°E.135 lks. dist., marked T39N.,R6E.,S17 BT.

A pinion 6 ins. in diam. bears S78°W.83 lks. dist., marked T39N.,R6E.,S18 BT.

A pinion 8 ins. in diam. bears N55¼°W.42 lks. dist., marked T39N.,R6E.,S7 BT.

Land,rolling.
Soil,sandy 2 nd. and 3 rd. rate.
Timber, cedar and pinion.
Undergrowth,sagebrush and yucca.

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

40.00 Set temp.¼ sec. cor.

Chains	
80.09	Intersect N. and S. line 5 lks. S. of the cor. of secs. 8,9,16, and 17.
	Thence
	S 89°58'W. on true line bet. secs. 8 and 17.
	Over rolling sandy land, through cedar and pinion timber and scattering undergrowth.
40.04.	Set an. iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap
	¼ S 8 / S 17
	1927
	from which,
	A cedar 16 ins. in diam. bears N2°W. 74 lks. dist., marked ¼ S 8 BT.
	A pinion 12 ins. in diam. bears S62°E. 42 lks. dist., marked ¼ S17 BT.
80.09	The cor. of secs. 7,8,17, and 18.
	Land, rolling.
	Soil, sandy 2 nd. and 3 rd. rate.
	Timber, cedar and pinion.
	Undergrowth, sagebrush and yucca
	N 89°56'W. on a random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
78.68	Intersect W. bdy. of Tp. 4 lks. N. of the cor. of secs. 7,12, 13, and 18, hereinbefore described.
	Thence
	S 89°58'E. on true line bet. secs. 7 and 18.
	Ascend 23 ft. over W. slope over rolling sandy land, through cedar and pinion timber and undergrowth.
5.00	Top of low sand ridge bears N. and S.
	Descend 23 ft. over E. slope.
10.00	Foot of descent, thence over nearly level land.
25.00	Ascend 72 ft. over W. slope.
32.44	Rimrock ledge 5 ft. high bears N. and S., thence over level land.
38.68	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap
	¼ S 7 / S 18
	1927
	from which,
	A pinion 8 ins. in diam. bears North 40 lks. dist., marked ¼ S 7 BT.
	A pinion 14 ins. in diam. bears S35½°W. 129 lks. dist., marked ¼ S 18 BT.
78.68	The cor. of secs. 7,8,17, and 18.
	Land, level and rolling.
	Soil, sandy 2 nd. and 3 rd. rate.
	Timber, cedar and pinion.
	Undergrowth, sagebrush and yucca

Chains	
	N 0°03'W. bet. secs. 7 and 8.
	Descebd 23 ft. over NW. slope over rolling land, through cedar and pinion timber and undergrowth.
5.00	Enter valley bears NE. and SW.
15.00	Shallow draw 15 lks. wide course NE.
	Ascend 57 ft. over SE. slope.
25.00	Leave valley land bears NE. and SW.
27.00	Top of rimrock ledge 25 ft. high bears NE. and SW.
28.50	South edge of mesa bears E. and W. thence over level land.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap

¼

S 7 | S 8

1927

from which,

A pinion 8 ins. in diam. bears N51°E. 27 lks. dist., marked ¼ S8 BT.
A pinion 12 ins. in diam. bears N48¾°W. 106 lks. dist., marked ¼ S7 BT.

55.00	Descend 29 ft. over NW. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 5, 6, 7, and 8., marked on brass cap

T39N | R6E
S 6 | S 5
S 7 | S 8

1927

from which,

A pinion 12 ins. in diam. bears N35°E. 83 lks. dist., marked T39N., R6E., S5 BT.
A pinion 12 ins. in diam. bears S38¾°E. 64 lks. dist., marked T39N., R6E., S8 BT.
A pinion 10 ins. in diam. bears S78¼°W. 56 lks. dist., marked T39N., R6E., S7 BT.
A pinion 12 ins. in diam. bears N22°W., 115 lks. dist., marked T39N., R6E., S6 BT.

Land, rolling.
Soil, sandy and stony 2nd. 3rd., and 4th. rate.
Timber, cedar and pinion.
Undergrowth, sagebrush, yucca, and cactae.

	N 89°58'E. on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.13	Intersect N. and S. line 3 lks. S. of the cor. of secs. 4; 5, 8, and 9.
	Thence
	S 89°57'W. on true line bet. secs. 5 and 8.
	Descend 23 ft. over NW. slope over rolling sandy land, through cedar and pinion timber and undergrowth
9.30	Sand wash 10 lks. wide course NE.
	Ascend 23 ft. over SE. slope.
25.00	Top of sand spur slopes NE.
	Descend 35 ft. over NW. slope.
28.78	Top of rim-rock ledge 6 ft. high bears NE. and SW.

Chains	
40.06	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 5 / S 8 1927 from which, A cedar 24 ins. in diam. bears N21°W. 210 lks. dist., marked ¼ S5 BT. A pinion 12 ins. in diam. bears S41°E. 251 lks. dist., marked ¼ S8 BT.
50.13	Shallow draw, course SE.
	Ascend 23 ft. over NE. slope.
55.13	East edge of mesa bears NE. and SW., continue gradual ascent over SE. slope.
70.13	Top of ascent on mesa on sand ridge bears NE. and SW.
	Descend gradually over NW. slope
80.13	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling. Soil, sandy 2 nd. and 3 rd. rate. Timber, cedar and pinion. Undergrowth, sagebrush, yucca, and cactae.
	N 89°58'W. on a random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
78.50	Intersect W. bdy. of Tp. at the cor. of secs. 1, 6, 7, and 12 hereinbefore described.
	Thence S 89°58'E. on true line bet. secs. 6 and 7. Over rolling sandy land, through cedar and pinion timber and undergrowth.
38.50	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S 6 / S 7 1927 from which, A cedar 20 ins. in diam. bears N21°W. 258 lks. dist., marked ¼ S6 BT. A cedar 24 ins. in diam. bears S23°W. 129 lks. dist., marked ¼ S7 BT.
50.00	Begin ascent 143 ft. over NW. slope.
62.50	West edge of mesa on sandstone rim-rock 20 ft. high, bears N. and S., continue gradual ascent over mesa
78.50	The cor. of secs. 5, 6, 7, and 8.
	Land, rolling. Soil, sandy 2 nd. and 3 rd. rate. Timber, cedar and pinion. Undergrowth, sagebrush, yucca, and cactae.

Subdivision of T 39 N., R 6 E.

Chains	
	N 0°10'W. on a random line bet. secs.5 and 6.
40.00	Set temp.¼ sec. cor.
80.00	Intersect N. bdy.of Tp:16 lks. W.of the cor. of secs.5,6, 31,and 32.hereinbefore described.
	Thence
	S 0°03'E. on true line bet. secs.5 and 6.
	Over rolling sandy land,through cedar and pinion timber.
28.70	Sandstone butte 300 lks. in diam.100 ft. high bears West about 2.00 chs.dist.
40.00	Set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for ¼ sec. cor.marked on brass cap

¼

S 6 | S 5

1927

from which,

A pinion 24 ins. in diam. bears N79°E.94 lks. dist., marked ¼ S5 BT.

A pinion 24 ins. in diam. bears N13½°W,81 lks. dist., marked ¼ S6 BT..

60.00	Shallow ravine course NW.
	Ascend 46 ft. over NE. slope.
80.00	The cor. of secs.5,6,7,and 8.

Land,rolling.
Soil,sandy 2 nd. and 3 rd. rate.
Timber,cedar and pinion.
Undergrowth,sagebrush and yucca palms.

Boundaries of T 39 N., R 6 E.

Latitudes,Departures,and closing errors.

Line designated	True bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
S.bdy.of T39N., R6E	West	398.92				398.92
W.bdy.of T39N., R6E	North	480.00	480.00			
N.bdy.of T39N., R6E	East	478.38			478.38	
E.bdy.of T39N., R6E	South	400.00		400.00		
Subdivisional bdy. of T39N.,R6E	West	80.00				80.00
	S 0°1 E.	80.00		80.00	.02	
Convergency					.54	
Totals			480.00	480.00	478.94	478.92
			480.00		478.92	
Error in Lat			0.00			
Error in Dep.					0.02	

GENERAL DESCRIPTION

This township embraces every variety of land from level bench and mesa land to rough mountains, the soil ranging from 2 nd. to 4 th. rate.

The vermillion Cliffs which rise almost perpendicular to a height of from 1000 to 1500 ft. and form an almost unbroken barrier; extend through the township in a southwesterly direction from the northeast corner dividing its area into two almost equal parts. That portion of the township which lies to the north and west of these cliffs comprises a high plateau region, the land of which being for the most part low rolling sand hills with level valleys between, the soil varying in character from 2 nd. to 3 rd. rate., while on the other hand, with the exception of secs. 25 and 26, and a portion of each of secs. 33, 34, 35, and 36 which are comparatively level, the portion of the township to the south and east of these cliffs is broken and mountainous in character., traversed by high mountain spurs and impassable cliffs and deep box canyons. The soil over this part of the township is very poor and shallow and can nearly all be classed as 3 rd. and 4 th. rate.

The land of the southeastern half of the township faces toward the southeast and is drained by the Badger and Soap creeks and numerous sand washes which head along the foot of the Vermillion Cliffs and flow in a southeasterly direction in deep canyons into the Colorado River. The drainage of the land comprised in the plateau portion of the township is in a general northerly direction.

The township is watered by small streams flowing in Badger Creek in the northeastern part and Soap Creek which flows through the central and southeastern parts, and by a spring in the southeast quarter of sec. 17. and also by the Colorado River which flows through the extreme southeast corner in an inaccessible box canyon.

The township is timbered over the plateau region to the north of the Vermillion cliffs with a good growth of cedar and pinion, and some yellow pine, valuable principally for fuel and fencing purposes. South of the cliffs the land is devoid of timber.

The township is accessible to vehicles by way of the road from Lee's Ferry to Kanab Utah, which crosses through the southeastern part of the township in a northeasterly and southwesterly direction.

There are no valuable mineral or stone deposits in the township and no actual settlers residing on the land.

The entire township is covered with a scattering growth of sage and blackbrush together with other kinds of brouse, with here and there small areas which support a fair growth of different varieties of grasses and adapt the township as a whole to the grazing of stock.

FINAL TEST OF YOUNG AND SONS TRANSIT NO.8534

Set up instrument on the meridian, established Jan.16,1926 near the cor. of secs.27,28,33,and 34. T39N.,R6E. in latitude 36°44'30"N.and longitude 111°46'3" on which the preliminary test was made and at $9^h 00^m$ a.m.,app.time,January 24,1926. Set off 36°44½'N.on the lat arc,19°14'S.on the decl.arc and determine a meridian with the solar which agrees with the true meridian.

At apparent noon with the lat arc unchanged,observe the sun on the meridian,the resulting reading of the declination arc being 19°13'S which agrees with the computed declination of the sun for this hour.

At 3 h 00 m p.m.,app.time with the lat arc unchanged,set off 19°10½'S.on the decl.arc and determine a meridian with the solar,which agrees with the true meridian

The solar apparatus by a.m.,and p.m.observations defines positions for meridians which are in substantial agreement with the true meridian,therefore conclude that the instrument has maintained its satisfactory adjustment during the survey.

FINAL TEST OF BUFF TRANSIT NO.9977

January 24,1926. Set up instrument on the meridian described above and at $9^h 00^m$ a.m.,app.time,Set off 36°44½'N.on the lat arc.,19°14'S.on the decl. arc and determine a meridian with the solar,which falls 1'E.of the true meridian.

At apparent noon with the lat.arc unchanged,observe the sun on the meridian. the resulting reading on the decl.arc is 19°13'+ which is a little lower than the calculated declination of the sun.

At 3 h 00 m p.m.,app.time with the lat arc unchanged,set off 10°35'S.on the decl. arc and determine a meridian with the solar which falls 1½' W.of the true meridian.

As all the solar observations made during the usual hours of solar work come within 1'30" of the true meridian.conclude that the instrument has remained in satisfactory adjustment during the progress of the survey.

FINAL TEST OF BUFF TRANSIT NO.9208.

January 8,1927. At camp near the cor. of secs.8,9,16,and 17,T49N.,R6E. Gila and Salt River Base and Meridian,Arizona,in Latitude 36°52'30"N. and Longitude 111°46'30"W. At $0^h 36^m$ a.m.,l.m.,t. observe Polaris at western elongation,making four obser= vations,two each with the telescope in direct and reversed positions and mark the mean point in the line thus determined by a tack driven in peg driven in the ground 5-chs.N.

Subdivision of T 39 N., R 6 E.

Azimuth of Polaris at western elongation = 1°21' west .

h m
At 8 30 a.m., I lay off the azimuth of Polaris 1°21' to the east and mark the true meridian thus determined by a tack driven in a stake set firmly in the ground 5-chs. N.

h m
At 9 00 a.m., app.time I set off 36°52½'N.on the lat.arc, 22°16'S on the decl.arc and determine a meridian with the solar which falls 1½' E.of the true meridian.

At apparent noon with the lat.arc unchanged, observe the sun on the meridian, the resulting reading on the decl.arc being 22°16'S. which is about 13" higher than the calculated declination of the sun for this hour.

h m
At 3 00 p.m., app.time with the lat.arc unchanged, I set off 22°14'S.on the decl.arc and determine a meridian with the solar and mark a point thereof on the stake already set 5-chs. N.on which the solar meridian falls 1'W.of the meridian established by the Polaris observations.

As all the solar observations, taken during the usual hours of solar work come within 1'30" of the true meridian established by the Polaris observations, conclude that the instrument has been maintained in satisfactory adjustment during the survey.

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FIELD ASSISTANTS.

TO

William E.Hiester,U.S.Surveyor and David M.Daugherty,U.S.Transitman

NAMES.	CAPACITY.
Clyde Cowper	1st Chainman
Clifford E. Way	" "
Owen Wright	" "
Chester Stewart	2nd "
Harold Hawkins	" "
Elliott Pierson	" "
Milo Stansworth	Cornerman
Athole Judd	"
Earl Childers	"
Edward Childers	Axman
Carl Perkins	Flagman
Owen Wright	"
Jack Parker	"

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CERTIFICATE OF UNITED STATES SURVEYORS.

We { William E. Hiester U. S. Surveyor and David M. Daugherty, U. S. Transitman, } hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 126, Arizona bearing date of the 4th day of January, 1924, We have well, faithfully, and truly in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the SOUTH, EAST, WEST and NORTH boundaries and SUBDIVISION LINES of

Township 39 North, Range 6 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by us, and under our direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 126, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: San Francisco Calif.
Date: April 15, 1927
Place: Carlsbad, New Mexico
Date: February 12, 1927

William E. Hiester
U. S. Surveyor.

David M Daugherty
U.S. Transitman.

APPROVAL.

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS,

Denver, Colo., April 29, 1927.

The foregoing field notes of the survey of the West and North bdrs., Part of South bdy., Part of East bdy. and All of the Subdivision Lines of

Township 39 North, Range 6 East

of the Gila and Salt River Base and Meridian

in the State of Arizona

executed by William E. Hiester U.S. Surveyor, and David M. Daugherty U.S. Transitman under ~~his~~ special instructions dated January 4, 1924 for Group 126, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U.S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above described surveys in ..... , has been correctly copied from the original notes on file in this office.~~

~~U. S. Surveyor General.~~

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