

3759

Book "C"

4-679

BOOK 3759

FIELD NOTES

OF THE RESURVEY OF

10th Standard Parallel North, through Part of Range 5 West

10th Standard Parallel North through Part of Range 5 West

Part of the North Boundary and

Part of the Subdivision Lines of

Township 41 North, Range 5 West

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

William E. Hiester, U.S. Surveyor
and

Willis W. Bandy, U.S. Surveyor

In the capacity of U. S. Surveyors, under Special Instructions dated May 23, 1924, issued by the United States Surveyor General to govern surveys included in Group No. 131, Arizona, which were approved by the Commissioner of the General Land Office, June 6, 1924, and Assignment Instructions dated Dec. 6, 1924 and Jan. 14, 1925.

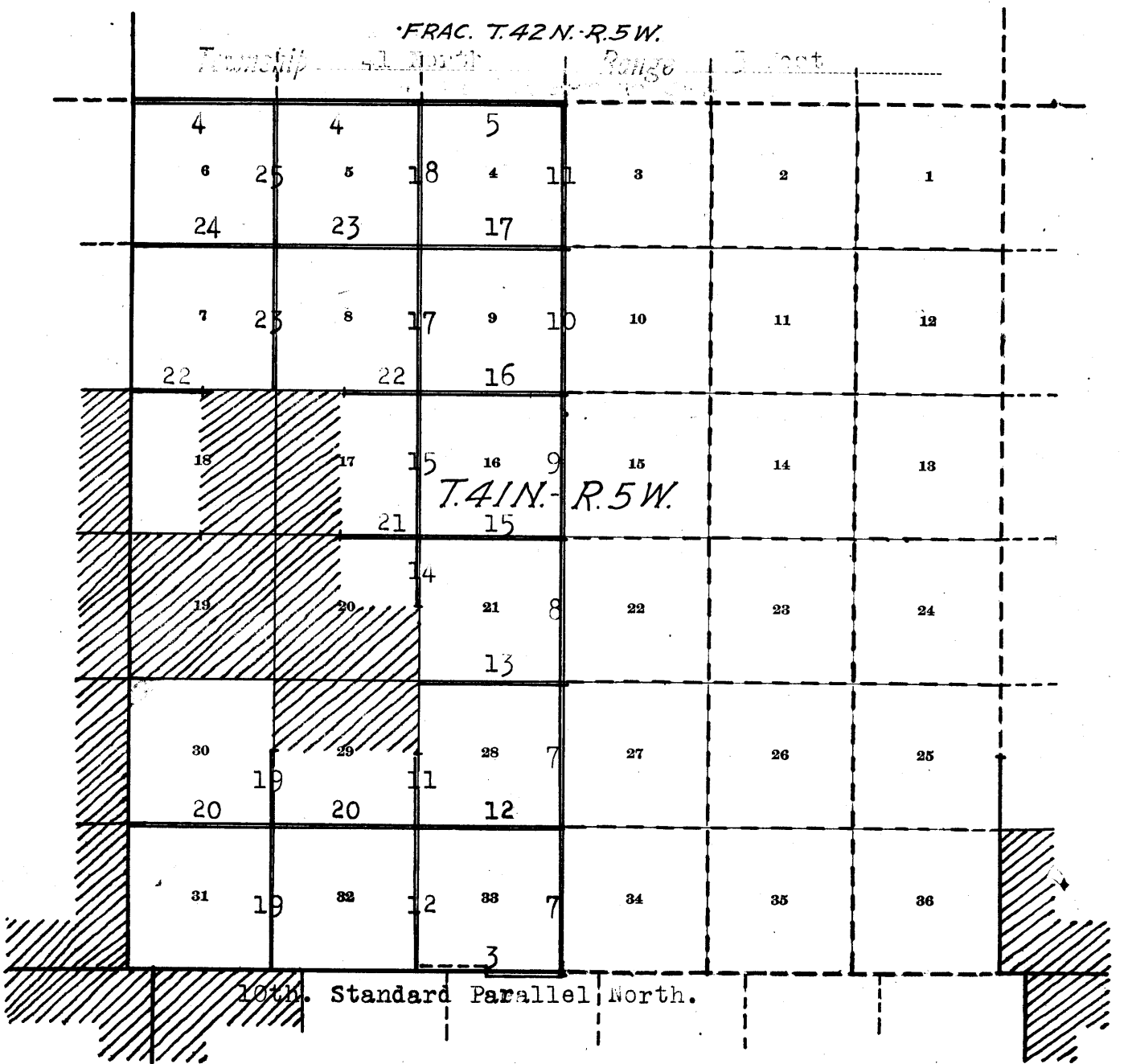
Resurvey & Survey commenced February 8, 1925.

Resurvey & Survey completed February 17, 1925.

3759

BOOK 3759

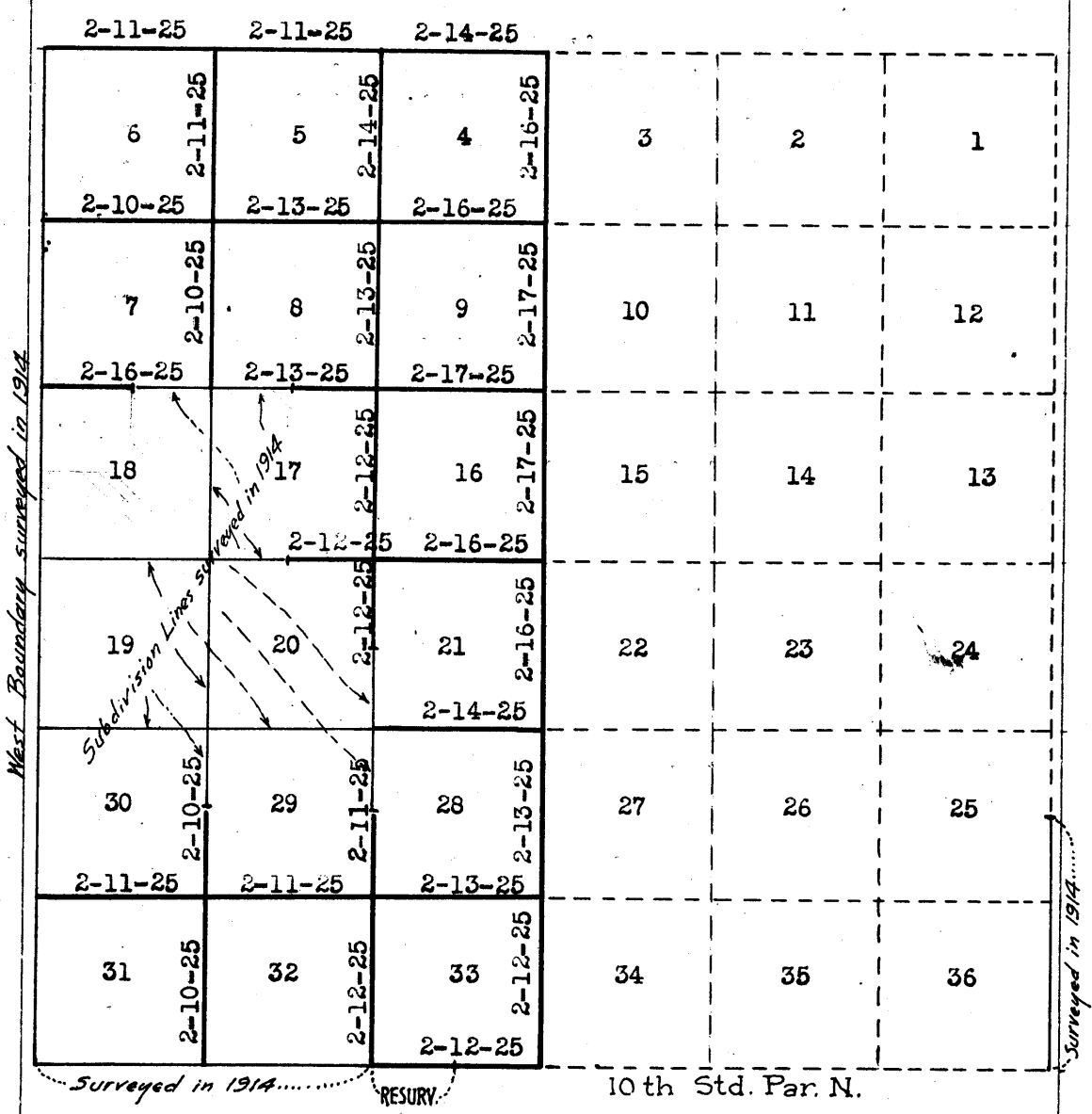
INDEX DIAGRAM.



- Surveyed under this group.
- Resurveyed under this group.
- Accepted surveys.
- Unsurveyed.
- ////// Areas surveyed as per accepted plats on file.

BOOK 3759

DATE DIAGRAM
TOWNSHIP 41 NORTH, RANGE 5 WEST
Group 131, Arizona.



Lines in black surveyed by William E. Hiester, U.S. Surveyor.
 Lines in red, surveyed by Willis W. Bandy, U.S. Surveyor.
 _____ Accepted surveys.
 - - - - - Unsurveyed.

Survey commenced Feb. 8, 1925, and executed by William E. Hiester, U.S. Surveyor, and Willis W. Bandy, U.S. Surveyor, on dates shown on diagram on page 1, hereof, using respectively, Young and Sons transit No. 8534 and Young and Sons transit No. 8513. Both instruments and equipped with full vertical circles and Smith solar attachments, and were approved by the Assistant Supervisor of Surveys, conditional upon satisfactory field tests, Unless otherwise specified all azimuth determinations are accomplished with the solar attachments.

We examine the adjustments of the transits and correct all errors; then to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined from observation on Polaris, proceed as follows:

Feb. 8, 1925: At camp which is located in the S.W. $\frac{1}{4}$ of sec. 17, T.41 N., R.5 W., Gila and Salt River Base and Meridian, in latitude $36^{\circ}57'N.$, longitude $112^{\circ}52'W.$, of Greenwich, 10h 16m p.m., l.m.t., we 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 on a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris at western elongation = $1^{\circ}22'5''$.

Feb. 9, 1925: At 8h 0m a.m., l.m.t., we lay off the azimuth of Polaris $1^{\circ}22'$ to the east and mark a point in the meridian on a peg driven firmly in the ground 5 chs. N.

At 8h 0m a.m., app.t., we set off $36^{\circ}57'N.$, on the latitude arc and $14^{\circ}39'S.$, on the declination arc of each instrument and determine meridians with the solars which fall within 1' of the true meridian.

At app. noon with the latitude arcs unchanged, we observe the sun on the meridian, the resulting readings of the declination arcs are $14^{\circ}37\frac{1}{2}'S.$, which agrees with the computed declination of the sun.

At 4h 0m p.m., app.t., with the latitude arcs unchanged, we set off $14^{\circ}32\frac{1}{2}'S.$ on the declination arcs and determine meridians with the solars which agree with the true meridian.

As all of the solar observations taken during the usual hours of solar work define meridians which fall within $1\frac{1}{2}'$ of the true meridian we conclude that the adjustments of the instruments are satisfactory.

The instruments were tested at frequent intervals and maintained in satisfactory adjustment throughout the survey. For test of solars on Feb. 22, at conclusion of the survey of this township, see Book "D".

Unless otherwise specified, all measurements are determined with Lufkin 5-chain steel tapes, compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the slope angles determined with clinometers and the slope measurements reduced to true horizontal distances for entry in the field notes.

Note: Buff transit No. 9977, used by William E. Hiester in the survey of T.41 N., R.9 W. was also tested on above meridian, and found correct.

Resurvey and Survey of a Portion of
the 10th. Standard Parallel North, in R. 5 W.

Chains

The west two and one half miles of the 10th. Standard Parallel North, in R. 5 W., were surveyed by Jos. C. Thoma, U.S. Surveyor in 1913. No retracement or resurvey of this line is of record.

The standard cor. of secs. 32 and 33 on S. bdy. of T. 41 N., R. 5 W., is an iron post, 3 ins. diam., 18 ins. above ground, in a mound of stone, properly marked on brass cap and witnessed by two bearing trees, one each NE. and NW. of cor.

Thence

East, on S. bdy. of sec. 33, resurveying $W. \frac{1}{4}$ thereof.

40.00 Over mountainous land, through heavy timber and dense undergrowth.

Desc. 150 ft. over NE. slope.

10.80 Wash, 10 lks. wide, course NE.

Thence over rolling land.

17.80 Wash, 20 lks. wide, course N.

Asc. gradually.

40.00 (Record distance) Find no trace of the original standard $\frac{1}{4}$ sec. cor. of sec. 33.

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

S C
 $\frac{1}{4}$ S 33

1925

from which,

A cedar, 16 ins. diam., bears N. 35° E., 34 lks. dist. marked S C $\frac{1}{4}$ S 33 B T

A cedar, 10 ins. diam., bears N. 6° W., 55 lks. dist. marked S C $\frac{1}{4}$ S 33 B T

Continue measurement,

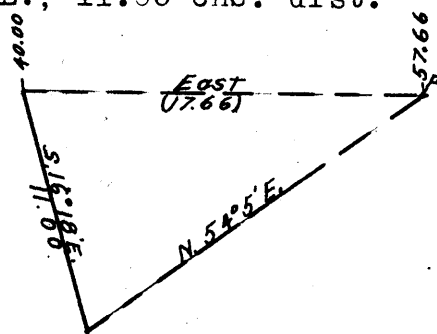
Go east, on survey of E. $\frac{1}{2}$ of S. bdy. of sec. 33.

Precipitous cliffs prevent direct measurement, set a flag ahead on line the vertical angle to which is + 21°. Measure a base S. 16° 18' E., 11.00 chs. dist. From south end of base flag bears N. 54° 5' E.

Distance by triangulation

= 17.66 chs.

40.00 + 17.66 = 57.66 chs.



45.00

57.66

Base of cliffs, bears N. and S.

Top of ledge, bears N. and S.

Thence by chaining.

Asc. 158 ft. to

67.17

72.20

Ridge, bears N. and S. Desc. over E. slope.

Rim of box canyon, bears NE. and SW. Impossible to continue line farther.

Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, supported in a mound of stone for witness cor to the standard cor. of secs. 33 and 34, marked on brass cap

S C
T41 N R5W
S 33 | S 34 W C

1925

from which,

A pinyon, 12 ins. diam., bears N. 9° E., 84 lks. dist. marked W C T 41 N R 5 W S 34 S C B T

A ledge of rock, bears N. 11° W., 12 lks. dist. marked B + O

80.00

The true point for standard cor. of secs. 33 and 34 falls in a box canyon about 900 ft. deep and is inaccessible.

Land; mountainous. Soil; rocky, 4th. rate. Undergrowth; sage and buck brush. Timber; pinyon and cedar.

Survey of a Portion of the North Boundary of
T.41 N., R.5 W.

Chains	<p>The cor. of Ts. 41 and 42 N., Rs. 5 and 6 W., is an iron post, 3 ins. diam., 12 ins. above ground, properly marked on brass cap and witnessed by four bearing trees, one each NE., SE., SW. and NW. of cor.</p> <p>Thence East, on N. bdy. of sec. 6. Over rolling land, through scattering timber and undergrowth.</p> <p>15.45 Top of sandstone cliff, bears NE. and SW. Desc. 266 ft. over SE. slope.</p> <p>37.30 Small spur, slopes S. Desc. 55 ft. over E. slope.</p> <p>39.45 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor. marked on brass cap</p> <div style="text-align: center;"> <table style="margin-left: auto; margin-right: auto;"> <tr><td></td><td>S 31</td></tr> <tr><td>$\frac{1}{4}$</td><td>----</td></tr> <tr><td></td><td>S 6</td></tr> <tr><td></td><td>1925</td></tr> </table> </div> <p>from which, A pinyon, 9 ins. diam., bears N. $84\frac{1}{2}^{\circ}$ E., 73 lks. dist., marked $\frac{1}{4}$ S 31 B T A pinyon, 8 ins. diam., bears S. $26\frac{1}{4}^{\circ}$ W., 47 lks. dist., marked $\frac{1}{4}$ S 6 B T</p> <p>Desc. 225 ft. ove broken sandstone cliffs to</p> <p>54.50 Leave cliffs, bear N. and S. Enter rolling valley.</p> <p>55.30 Wash, 60 lks. wide, course SE.</p> <p>64.97 Wash, 40 lks. wide, 5 ft. deep, course S. Old wagon road in center of wash.</p> <p>77.00 Wash, 25 lks. wide, course NW.</p> <p>79.45 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap</p> <div style="text-align: center;"> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T42N R5W</td></tr> <tr><td>S 31</td><td>S 32</td></tr> <tr><td>S 6</td><td>S 5</td></tr> <tr><td colspan="2">T41N</td></tr> <tr><td colspan="2">1925</td></tr> </table> </div> <p>from which, A cedar, 6 ins. diam., bears N. $11\frac{1}{2}^{\circ}$ E., 51 lks. dist. marked T. 42 N R 5 W S 32 B T A cedar, 14 ins. diam., bears S. $37\frac{1}{4}^{\circ}$ W., 633 lks. dist., marked T 41 N R 5 W S 6 B T A cedar, 6 ins. diam., bears N. $25\frac{1}{4}^{\circ}$ W., 269 lks. dist., marked T 42 N R 5 W S 31 B T No other trees available.</p> <p>Land; rolling and mountainous. Soil; sandy and rocky, 4th. rate. Timber; pinyon and cedar. Undergrowth; sagebrush, oak, manzanita and soapweed.</p>		S 31	$\frac{1}{4}$	----		S 6		1925	T42N R5W		S 31	S 32	S 6	S 5	T41N		1925	
	S 31																		
$\frac{1}{4}$	----																		
	S 6																		
	1925																		
T42N R5W																			
S 31	S 32																		
S 6	S 5																		
T41N																			
1925																			
8.00 10.75 14.37 29.68 37.07 40.00 40.81	<p>East, on N. bdy. of sec. 5. Over rolling land, through scattering timber and undergrowth.</p> <p>Asc. 60 ft. to</p> <p>Spur, slopes S.</p> <p>Wash, 10 lks. wide, course S.</p> <p>Asc. 300 ft. over broken SW. slope to $\frac{1}{4}$ sec. cor.</p> <p>Wash, 16 lks. wide, course SW.</p> <p>Continue ascent.</p> <p>Wash, 15 lks. wide, course N.</p> <p>True point for $\frac{1}{4}$ sec. cor. falls in place where monument can not be securely established.</p> <p>Mark a cross (+) on ledge of rock and over same set an iron post, 3 ft. long, 1 in. diam., supported in a mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor. marked on brass cap</p>																		

Survey of a Portion of the North Bdy.
of T.41 N., R.5 W.

Chains

W C $\frac{1}{4}$ S 32

S 5
1925

Cor. stands on point of red sandstone spur.

64.00 Asc. 327 ft. over broken NW. slope.
Ridge, bears NE. and SW.

79.73 Desc. 460 ft. over E. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
the ground to bed rock, supported in a mound of stone,
for witness cor. to the cor. of secs. 4, 5, 32 and 33
marked on brass cap

T42N R5W
S 32 | S 33 W C
S 5 | S 4
T41N
1925

from which,

- A cedar, 14 ins. diam., bears N. $87\frac{1}{4}^\circ$ E., 284 lks.
dist., marked W C T 42 N R 5 W S 33 B T
 - A pinyon, 6 ins. diam., bears S. 30° E., 172 lks.
dist., marked W C T 41 N R 5 W S 4 B T
 - A pinyon, 4 ins. diam., bears S. $76\frac{1}{2}^\circ$ W., 83 lks.
dist., marked B T
- No other trees available.

80.00 Mark a cross (+) 8 ins. long at true point for cor. of
secs. 4, 5, 32 and 33, which falls on steep sandstone
ledge where monument can not be securely established.

Land; broken and mountainous.
Soil; rocky and sandy, 4th. rate.
Timber; pinyon and cedar.
Undergrowth; sagebrush, oak and manzanita.

7.50 From true point for cor. of secs. 4, 5, 32 and 33,
18.00 East, on N. bdy. of sec. 4
40.00 Over broken mountainous land, through scattering timber
and undergrowth.
Desc. 250 ft. over E. slope, to $\frac{1}{4}$ cor.
Wash, 20 lks. wide, course SE.
Leave hills, enter flat, bears N. and S.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$ S 33

S 4
1925

from which,

- A cedar, 8 ins. diam., bears N. $18\frac{1}{4}^\circ$ E., 207 lks.
dist., marked $\frac{1}{4}$ S 33 B T
- A cedar, 6 ins. diam., bears S. $64\frac{1}{2}^\circ$ E., 373 lks.
dist., marked $\frac{1}{4}$ S 4 B T

71.85 Over level land, through scattering timber and dense
76.90 undergrowth.
80.00 Old wagon road, bears NE. and SW.
Wash, 50 lks. wide, course SW.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground for cor. of secs. 3, 4, 33 and 34, marked
on brass cap

T42N R5W
S 33 | S 34
S 4 | S 3
T41N
1925

from which,

Survey of a Portion of the North Boundary
of T.41 N., R.5 W.

Chains

- A dead cedar stump, 24 ins. diam., bears N.62 $\frac{1}{2}$ °E., 39 lks. dist.
- A cedar, 6 ins. diam., bears S.67 $\frac{1}{2}$ °W., 147 lks. dist.
marked T 41 N R 5 W S 4 B T
- A cedar, 6 ins. diam., bears N.78°W., 129 lks. dist.
marked T 42 N R 5 W S 33 B T

Land; rolling and broken.
 Soil; sandy and rocky, 4th. rate.
 Timber; cedar and pinyon.
 Undergrowth; old mans brush and sagebrush.

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains

The true point for standard cor. of secs. 33 and 34 on S. bdy. of T.41 N., R.5 W., being inaccessible, I proceed to the witness cor. to same which is 7.80 chs. W. of true point, thence

N.0°2'W., on offset to line bet. secs. 33 and 34.

Over rolling land, through heavy timber and scattering undergrowth.

10.00 Spur, slopes SW.

11.60 Thence by traverse as follows:

N.38°E., 12.67 chs. to point on true line bet.

secs. 33 and 34, 21.59 chs. N.0°2'W. of true point for cor. of secs. 33 and 34.

21.59 Thence N.0°2'W., bet. secs. 33 and 34.

Along rolling W. slope of ridge.

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

$\frac{1}{4}$

S 33 | S 34

1925

from which,

A cedar, 20 ins. diam., bears N.45°E., 53 lks. dist. marked $\frac{1}{4}$ S 34 B T

A pine, 12 ins. diam., bears N.14°W., 26 lks. dist. marked $\frac{1}{4}$ S 33 B T

62.00 Desc. 107 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, supported in a mound of stone, for cor. of secs. 27, 28, 33 and 34, marked on brass cap

T41N R5W
S 28 | S 27
S 33 | S 34
1925

from which,

A pinyon, 12 ins. diam., bears N.25 $\frac{1}{2}$ °E., 72 lks. dist., marked T 41 N R 5 W S 27 B T

A pinyon, 10 ins. diam., bears N.25°W., 83 lks. dist., marked T 41 N R 5 W S 28 B T

No other trees available.

Land; rolling and broken.

Soil; rocky, 4th. rate.

Timber; pinyon and cedar.

Undergrowth; sagebrush, manzanita, yucca and oak.

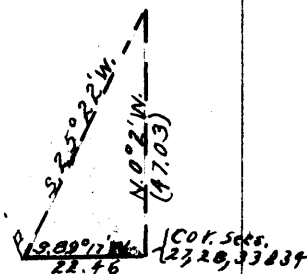
N.0°2'W., bet. secs. 27 and 28.

This line passes along east rim of a box canyon, over a series of side canyons, where it is impossible to chain, therefore triangulate as follows:

Set a flag on line ahead, the vertical angle to which is + 1 $\frac{1}{2}$ °. Auxiliary flag bears S.89°17'W., 22.46 chs. Proceed to flag on line ahead from which auxiliary flag bears S.25°22'W.

Dist. by triangulation = 47.03 chs.

Dist. by return measure = $\frac{46.49}{.54}$ "



The true point for $\frac{1}{4}$ sec. cor. at 40.00 chs. falls in canyon and is inaccessible.

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains
46.49

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, supported in a mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$

S 28 | S 27
W C
1925

from which,

- A pinyon, 12 ins. diam., bears N.69 $\frac{1}{2}$ °E., 31 lks. dist., marked $\frac{1}{4}$ S 27 W C B T
- A pinyon, 5 ins. diam., bears N.10°W., 43 lks. dist., marked $\frac{1}{4}$ S 28 W C B T

Thence by chaining.

- 59.80 Asc. 150 ft. over SW. slope. Spur. slopes SW.
- 70.30 Desc. 132 ft. over NW. slope. Rocky ravine, course W.
- 76.30 Asc. 50 ft. over S. slope. Spur. slopes W.
- 80.00 Desc. 77 ft. over N. slope to Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap

T41N R5W
S 21 | S 22
S 28 | S 27
1925

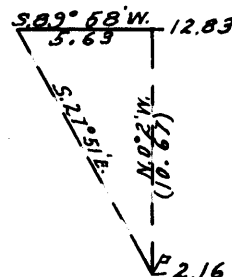
from which,

- A pinyon, 10 ins. diam., bears N.26°E., 70 lks. dist., marked T 41 N R 5 W S 22 B T
- A cedar, 15 ins. diam., bears S.55°E., 46 lks. dist., marked T 41 N R 5 W S 27 B T
- A cedar, 14 ins. diam., bears S.80 $\frac{1}{2}$ °W., 73 lks. dist., marked T 41 N R 5 W S 28 B T
- A pinyon, 10 ins. diam., bears N.29 $\frac{1}{2}$ °W., 66 lks. dist., marked T 41 N R 5 W S 21 B T

Land; mountainous.
Soil; rocky, 4th. rate.
Timber; cedar and pinyon.
Undergrowth; sagebrush, oak and manzanita.

N.0°2'W., bet. secs. 21 and 22.
Over rolling broken land, through heavy timber and dense undergrowth.

- 2.16 Set a flag for triangulation.
- 4.00 Rim of cliffs about 150 ft. high, bears E. and W. Proceed to a point on line on N. side of canyon, where I measure a base S.89°58'W., 5.63 chs. dist. From west end of base, the flag at the 2.16 chain point bears S.27°51' E. Dist. by triangulation = 10.67 chs. 10.67 + 2.16 = 12.83 "



- 5.00 (Approx.) Bottom of gulch, course W. A pipe line in gulch, carries water from spring about 5 chs. E. of line to Waldon Ballards.
- 12.83 Thence by chaining. Asc. 87 ft. to
- 24.33 Spur, slopes W. Desc. 28 ft. over N. slope.
- 38.00 Rocky wash, 40 lks. wide, course W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains

$\frac{1}{4}$

S 21 | S 22

1925

from which,

- A pinyon, 8 ins. diam., bears S.20 $\frac{1}{2}$ °E., 108 lks. dist., marked $\frac{1}{4}$ S 22 B T
- A pinyon, 6 ins. diam., bears S.57°W., 27 lks. dist., marked $\frac{1}{4}$ S 21 B T

42.00
58.50
63.50
77.80
80.00

Spur, slopes W.
Ravine, 40 lks. wide, course SW.
Spur, slopes W.
Desc. over gradual N. slope.
Rocky wash, 30 lks. wide, course NW.
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked on brass cap

T41N R5W
S 16 | S 15
S 21 | S 22
1925

from which,

- A cedar, 36 ins. diam., bears N.45°E., 63 lks. dist. marked T 41 N R 5 W S 15 B T
- A pinyon, 7 ins. diam., bears S.20 $\frac{1}{2}$ °E., 122 lks. dist., marked T 41 N R 5 W S 22 B T
- A cedar, 8 ins. diam., bears S.45°W., 8 lks. dist. marked T 41 N R 5 W S 21 B T
- A pinyon, 12 ins. diam., bears N.3°W., 41 lks. dist. marked T 41 N R 5 W S 16 B T

Land; rolling mountainous.
Soil; rocky, 4th. rate.
Timber; cedar and pinyon.
Undergrowth; sage, oak and buckbrush.

N.0°2'W., bet. secs. 15 and 16.
Over rolling land, through heavy timber and dense undergrowth.

1.00
9.60
18.80
28.20
32.70
37.30
40.00

Ravine, 50 lks. wide, course W.
Draw, course W. Asc. 100 ft. over S. slope.
Spur, slopes W. Desc. 145 ft. over N. slope.
Wash, 50 lks. wide, in gulch, course NW.
Asc. 50 ft. to
Spur, slopes W. Desc.
Wash, 30 lks. wide, course SW. Asc. 30 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$

S 16 | S 15

1925

from which,

- A pinyon, 10 ins. diam., bears S.33 $\frac{1}{2}$ °E., 60 lks. dist. marked $\frac{1}{4}$ S 15 B T
- A pinyon, 12 ins. diam., bears N.4 $\frac{1}{2}$ °W., 99 lks. dist. marked $\frac{1}{4}$ S 16 B T

46.00
51.00
61.00
68.00
75.20
76.80
80.00

Asc. 80 ft. to
Spur, slopes W. Desc. 30 ft.
Draw, course W. Asc. 34 ft.
Spur, slopes W. Desc. 116 ft. over N. slope.
Wash, 20 lks. wide, in gulch, course W.
Desc. 78 ft. to
Wash, 50 lks. wide, in gulch, course SW.
Asc. 55 ft. to
Mark a cross (+) on bed rock, and over same set an iron

Survey of a Portion of the Subdivisions
lines of T.41 N., R.5 W.

Chains

post, 3 ft. long, 2 ins. diam., supported in a mound of stone for cor. of secs. 9, 10, 15 and 16, marked on brass cap

T41N R5W
S 9 | S 10
S 16 | S 15
1925

from which,

- A pinyon, 6 ins. diam., bears N.62 $\frac{1}{2}$ °E., 71 lks. dist. marked T 41 N R 5 W S 10 B T
- A pinyon, 12 ins. diam., bears S.24 $\frac{1}{2}$ °E., 110 lks. dist., marked T 41 N R 5 W S 15 B T
- A pinyon, 17 ins. diam., bears S.37 $\frac{1}{2}$ °W., 65 lks. dist. marked T 41 N R 5 W S 16 B T
- A pinyon, 10 ins. diam., bears N.52 $\frac{1}{2}$ °W., 168 lks. dist. marked T 41 N R 5 W S 9 B T

Land; rolling.
Soil; rocky, 4th. rate.
Timber; cedar and pinyon.
Undergrowth; sage and oak brush.

N.0°2'W., bet. secs. 9 and 10.

Over rolling broken land, through heavy timber and dense undergrowth.

- 5.00 Ravine, 50 lks. wide, course SW.
- 13.20 Spur, slopes W. 73 ft. above cor.
- 25.00 Desc. 190 ft. over NW. slope to Gulch, course W. Asc. 93 ft. to
- 32.50 Spur, slopes W. Desc. 80 ft. over NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$

S 9 | S 10

1925

from which,

- A pinyon, 8 ins. diam., bears S.80°E., 14 lks. dist. marked $\frac{1}{4}$ S 10 B T
- A pinyon, 10 ins. diam., bears N.77°W., 15 lks. dist. marked $\frac{1}{4}$ S 9 B T

- 42.00 Rocky gulch, course SW. Asc. 150 ft. over S. slope.
- 47.70 Spur, slopes W. Desc. 334 ft. over N. slope.
- 66.23 Gulch, course W. Asc. 52 ft. over S. slope.
- 69.70 Spur, slopes W.
- 78.50 Wash, 30 lks. wide, course SW.
- 79.20 Set an iron post, 3 ft. long, 2 ins. diam., on ledge supported in a mound of stone, for witness cor. to the cor. of secs. 3, 4, 9 and 10, marked on brass cap

W C

T41N R5W
S 4 | S 3
S 9 | S 10
1925

from which,

- A cross (+) marked on ledge, bears N.41 $\frac{1}{2}$ °E., 72 lks. dist., Mark B O S 3 alongside cross.
- A cross (+) marked on ledge, bears S.85 $\frac{1}{2}$ °E., 46 lks. dist., Mark B O S 10 alongside cross.
- A cedar, 10 ins. diam., bears S.49°W., 55 lks. dist. marked W C T 41 N R 5 W S 9 B T
- A pinyon, 8 ins. diam., bears N.38 $\frac{1}{2}$ °W., 77 lks. dist. marked W C T 41 N R 5 W S 4 B T

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains

80.00 True point for cor. of secs. 3, 4, 9 and 10, falls in wash, course SE.

Land; broken mountainous.
Soil; rocky, 4th. rate.
Timber; pinyon and cedar.
Undergrowth; sage, oak, buck brush and cactus.

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

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

79.89 Fall 23 lks. W. of the cor. of secs. 3, 4, 33 and 34 on N. bdy. of Tp., hereinbefore described,

Thence

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

Over slightly rolling land, through scattering timber and undergrowth.

4.00 Foot of bluff, bears NE. and SW.

Asc. 165 ft. over NW. slope.

11.00 Top of bluff, bears NE. and SW.

Thence over rolling land.

32.70 Wash, 12 lks. wide, course NE.

38.70 Spur, slopes NE.

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

$\frac{1}{4}$

S 4 | S 3

1925

from which,

A pinyon, 14 ins. diam., bears S.61 $\frac{1}{4}$ °E., 101 lks. dist., marked $\frac{1}{4}$ S 3 B T

A cedar, 6 ins. diam., bears S.68 $\frac{1}{4}$ °W., 75 lks. dist. marked $\frac{1}{4}$ S 4 B T

Desc.

41.30 Head of wash, course NW.

Asc. 185 ft. over NW. slope.

55.90 Spur, slopes SW.

Desc. 215 ft. over SE. slope.

77.84 Wash, 25 lks. wide, course SW.

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

Land; rolling mountainous.

Soil; rocky, 4th. rate.

Timber; cedar and pinyon.

Undergrowth; sagebrush, oak and cactus.

The $\frac{1}{4}$ sec. cor. of secs. 28 and 29, is an iron post, 1 in. diam., 12 ins. above ground, properly marked on brass cap and witnessed by pits and one one bearing tree SW. of cor.

Thence

S.0°3'E., bet. secs. 28 and 29 (S. $\frac{1}{2}$)

Over rolling land, through dense undergrowth.

17.36 Wash, 20 lks. wide, course NW.

40.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

T41N R5W
S 29 | S 28
S 32 | S 33
1925

from which,

A cedar, 14 ins. diam., bears N.18 $\frac{1}{2}$ °E., 32 lks. dist. marked T 41 N R 5 W S 28 B T

A cedar, 14 ins. diam., bears S.24 $\frac{1}{2}$ °E., 110 lks. dist.

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains

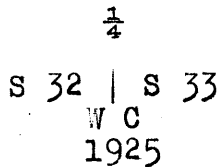
marked T 41 N R 5 W S 33 B T
A cedar, 10 ins. diam., bears S.10°W., 146 lks. dist.
marked T 41 N R 5 W S 32 B T
A cedar, 10 ins. diam., bears N.12½°W., 104 lks. dist.
marked T 41 N R 5 W S 29 B T

Land; rolling.
Soil; sandy loam.
Timber; cedar.
Undergrowth; sagebrush and greasewood.

40.00 S.0°3'E., on a random line bet. secs. 32 and 33.
Set temp. ¼ sec. cor.
79.84 Fall 7 lks. E. of the standard cor. of secs. 32 and 33
on S. bdy. of Tp., hereinbefore described.

Thence
North, on a true line bet. secs. 32 and 33.
Over rolling land, through scattering timber and dense
undergrowth.

2.80 Desc. 210 ft. over NE. slope.
11.00 Seen Spring, bears W. about 100 lks. dist.
39.92 Enter valley. Desc. gentle N. slope.
41.03 True point for ¼ sec. cor. falls in wash, course NE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground for witness cor. to the ¼ sec. cor. marked
on brass cap

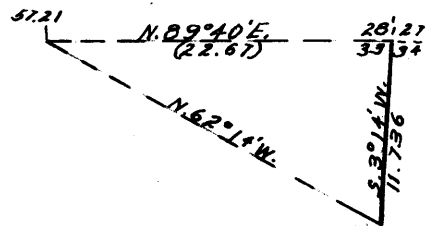


from which,
A pinyon, 12 ins. diam., bears S.82½°W., 280 lks.
dist., marked ¼ S 32 W C B T
Raise a mound of stone, 3 ft. base, 2 ft. high W.
of cor.

47.40 Wash, 60 lks. wide, course NW.
54.00 Same wash, course NE.
56.20 Same wash, course NW.
74.80 Wash, 50 lks. wide, course NW.
79.84 The cor. of secs. 28, 29, 32 and 33.

Land; rolling.
Soil; sandy, 3rd. rate.
Timber; pinyon and cedar.
Undergrowth; sagebrush, buckbrush and yucca.

40.00 East, on a random line bet. secs. 28 and 33.
Set temp. ¼ sec. cor.
57.21 Precipitous cliffs prevent chaining farther. Triangulate
as follows: A flag on objective cor. bears N.89°40'E.
The vertical angle to same is - 2°.
From the cor. of secs. 27, 28, 33 and 34, measure a
base S.3°14'W., 11.736 chs.
dist. From south end of base
a flag at the 57.21 ch. point
bet. secs. 28 and 33, bears
N.62°14'W.
Dist. on random = 57.21 chs.
By triangulation = 22.67 "
Total dist. = 79.88 "

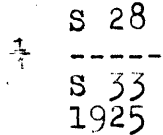


The computed length of random line and falling are
therefore as follows:
79.88 Fall 13 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence

Survey of a Portion of the Subdivision
lines of $\frac{1}{4}$.41 N., $\frac{1}{4}$.5 W.

Chains S. $89^{\circ}54'W.$, on a true line bet. secs. 28 and 33.
Over broken mountainous land, through scattering timber
and undergrowth.
15.00 (Approx.) Bottom of canyon, 300 ft. deep, course N.
22.67 Ridge, bears N. and S.
Desc. 350 ft. over cliffs.
39.00 Gulch, course SW.
39.94 Set an iron post, 3 ft. long, 1 in. diam., on bed rock,
supported in a mound of stone, for $\frac{1}{4}$ sec. cor. marked
on brass cap



from which,
A cross (+) on ledge, bears N. $62^{\circ}W.$, 39 lks. dist.
mark B O alongside cross.
A cedar, 10 ins. diam., bears S. $57\frac{1}{2}^{\circ}E.$, 45 lks. dist.
marked $\frac{1}{4}$ S 33 B T
Indian picture writing on ledge bears north about
100 lks. dist.

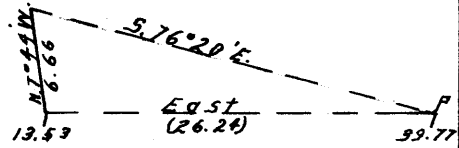
Asc. 30 ft. to
42.00 Desc. 130 ft. over broken SW. slope.
60.00 Enter valley. Desc. gradually.
79.88 The cor. of secs. 28, 29, 32 and 33.

Land; rolling and mountainous.
Soil; rocky, 4th. rate.
Timber; cedar and pinyon.
Undergrowth; manzanita, oak, sage and buck brush.

The cor. of secs. 20, 21, 28 and 29 is an iron post,
2 ins. diam., properly marked on brass cap, set in a
mound of stone and witnessed by a mound of stone W.
of cor.

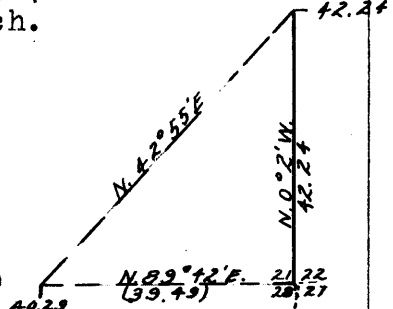
Thence
13.53 East, on a random line bet. secs. 21 and 28.
Precipitous cliffs prevent chaining farther. Set flag
on line on E. side of canyon, the vertical angle to
which is $+ 2^{\circ}$. Measure a base N. $7^{\circ}44'W.$, 6.66 chs.
dist. From north end of base flag bears S. $76^{\circ}20'E.$

Dist. on random = 13.53 chs.
By triangulation = 26.24 "
Total dist. = 39.77 "



39.77 Thence by chaining.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
40.29 Edge of canyon across which it is impossible to chain.
A flag on objective cor. bears N. $89^{\circ}42'E.$ The vertical
angle = 00° . A flag at the 42.24 ch.
point bet. secs. 21 and 22, bears
N. $42^{\circ}55'E.$

Dist. on random = 40.29 chs.
By triangulation = 39.49 "
Total dist. = 79.78 "



The computed distance and falling are
therefore as follows:
79.78 Fall 21 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence
S. $89^{\circ}51'W.$, on a true line bet. secs. 21 and 28.
Over rolling land, through scattering timber and under-
growth.

10.00 East rim of canyon, bears N. and S.
15.00 (Approx.) Bottom of canyon, 250 ft. deep, course N.
39.78 Ridge, bears N. and S.

Survey of a Portion of the Subdivisions
lines of T.41 N., R.5 W.

Chains

39.89

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. marked on brass cap

S 21
 $\frac{1}{4}$ ----
S 28
1925

from which,

A pinyon, 18 ins. diam., bears N.12 $\frac{1}{2}$ °W., 100 lks. dist. marked $\frac{1}{4}$ S 21 B T

A pinyon, 10 ins. diam., bears S.28 $\frac{1}{4}$ °E., 134 lks. dist., marked $\frac{1}{4}$ S 28 B T

61.80

Bottom of canyon about 200 ft. deep, course S.

65.25

West rim of canyon, bears NE. and SW.

Asc. 55 ft. over SE. slope.

73.80

Spur, slopes SW.

Desc. 90 ft. to

79.78

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

Land; rolling and broken.

Soil; rocky, 4th. rate.

Timber; cedar and pinyon.

Undergrowth; sagebrush, buckbrush, manzanita and oak.

The $\frac{1}{4}$ sec. cor. of secs. 20 and 21 is an iron post, 1 in. diam., 12 ins. above ground, properly marked on brass cap and witnessed by two bearing trees one each NE. and NW. of cor.

Thence

N.0°3'W., bet. secs. 20 and 21 (N.½)

Over rolling land, through scattering timber and undergrowth.

Desc. 60 ft. over NW. slope.

4.75

Base of spur, bears NE. and SW. Enter flat and dense undergrowth. Leave timber.

16.47

Wash, 30 lks. wide. course SW.

32.00

Leave flat and asc. 125 ft. over S $\frac{1}{4}$ slope. Enter heavy timber, bears NE. and SW.

39.00

Top of cliff, bears NE. and SW.

40.00

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 16, 17, 20 and 21, marked on brass cap

T41N R5W
S 17 | S 16
S 20 | S 21
1925

from which,

A cedar, 6 ins. diam., bears N.29°E., 30 lks. dist. marked B T

A pinyon, 10 ins. diam., bears S.27°E., 34 lks. dist. marked T 41 N R 5 W S 21 B T

A cedar, 8 ins. diam., bears S.52 $\frac{1}{4}$ °W., 34 lks. dist. marked T 41 N R 5 W S 20 B T

A pinyon, 12 ins. diam., bears N.55 $\frac{1}{2}$ °W., 82 lks. dist. marked T 41 N R 5 W S 17 B T

Land; rolling and broken.

Soil; rocky and sandy.

Timber; cedar and pinyon.

Undergrowth; sage and old mans brush.

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

<p>Chains 40.00 79.86</p> <p>2.00 25.40 33.20 39.93</p> <p>42.80 46.00 61.00 68.00 71.00 75.90 79.00 79.86</p>	<p>N.89°51'E., on a random line bet. secs. 16 and 21. Set temp. $\frac{1}{4}$ sec. cor. Fall 7 lks. N. of the cor. of secs. 15, 16, 21 and 22.</p> <p>Thence S.89°54'W., on a true line bet. secs. 16 and 21. Over broken land, through scattering timber and undergrowth. Desc. over NW. slope. Wash, 40,lks. wide, course NW. 23 ft. below cor. Rocky gulch, course SW. 250 ft. below cor. Asc. 120 ft. to Spur, slopes S. Desc. 112 ft. over SW. slope. Set an iron post, 3 ft. long, 1 in. diam., on bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. marked on brass cap</p> <p style="text-align: right;">S 16 $\frac{1}{4}$ ---- S 21 1925</p> <p>from which, A cedar, 14 ins. diam., bears N.6°W., 53 lks. dist. marked $\frac{1}{4}$ S 16 B T A pinyon, 6 ins. diam., bears S.34$\frac{1}{2}$°E., 37 lks. dist. marked $\frac{1}{4}$ S 21 B T</p> <p>Rim rock, bears SE. and NW. Desc. 140 ft. over W. slope. Foot of descent. Thence over flat. Asc. 100 ft. over SE. slope. Rocky spur, slopes S. Rim rock, bears SE. and NW. Desc. 75 ft. to Sandy flat 3 chs. wide. Asc. 130 ft. Rim rock, bears NE. and SW. The cor. of secs. 16, 17, 20 and 21.</p> <p>Land; rolling and broken. Soil; rocky, 4th. rate. Timber; cedar, pinyon and oak. Undergrowth; sage, oak and buckbrush.</p> <hr/> <p>N.0°3'W., bet. secs. 16 and 17. Over mountainous land, through heavy timber and undergrowth. Desc. 19 ft. over NE. slope. Wash, 15 lks. wide, course SE. Asc. 250 ft. over SE. slope. Top of ridge, bears NE. and SW. Desc. NW. slope. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap</p> <p style="text-align: right;">$\frac{1}{4}$ S 17 S 16 1925</p> <p>from which, A pinyon, 10 ins. diam., bears N.63$\frac{1}{2}$°E., 63 lks. dist., marked $\frac{1}{4}$ S 16 B T A cedar, 16 ins. diam., bears S.86$\frac{1}{2}$°W., 15 lks. dist., marked $\frac{1}{4}$ S 17 B T</p> <p>Desc. 34 ft. over NW. slope to Spur, slopes NW. Desc. 132 ft. over NE. slope. Wash, 15 lks. wide, course E. Spur, slopes NE. Desc. 106 ft. over NW. slope to cor. Top of cliff about 20 ft. high, bears NE. and SW.</p>	<p>45.00 63.40 70.00 75.40</p>
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Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 8, 9, 16 and 17, marked on brass cap

T41N R5W
S 8 | S 9
S 17 | S 16
1925

from which,

- A pinyon, 10 ins. diam., bears N.88 $\frac{1}{4}$ °E., 80 lks. dist., marked T 41 N R 5 W S 9 B T
- A pinyon, 6 ins. diam., bears S.61 $\frac{1}{4}$ °E., 81 lks. dist., marked T 41 N R 5 W S 16 B T
- A cedar, 10 ins. diam., bears S.8 $\frac{1}{2}$ °W., 64 lks. dist., marked T 41 N R 5 W S 17 B T
- A pinyon, 10 ins. diam., bears N.79 $\frac{1}{2}$ °W., 47 lks. dist., marked T 41 N R 5 W S 8 B T

Land; rolling and broken.
Soil; sandy and rocky, 4th. rate.
Timber; pinyon and cedar.
Undergrowth; sagebrush, oak, manzanita and cedar.

40.00
79.96

N.89°54'E., on a random line bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
Fall 5 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence

S.89°52'W., on a true line bet. secs. 9 and 16.
Over mountainous land, through scattering timber and undergrowth.

1.10
5.85
11.35
25.00
27.50
29.05
35.00
39.98

Desc. 35 ft. over SW. slope.
Head of wash, 15 lks. wide, course S.15°W.
Asc. 56 ft. over SE. slope.
Spur, slopes S.20°W.
Desc. 345 ft. over W. slope. to $\frac{1}{4}$ cor.
Wash, 15 lks. wide, course N.45°W.
Wash, course NW.
Same wash, course S.
Same wash, 25 lks. wide, course NW.
Wash, 2 chs. wide, course S.25°W.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. marked on brass cap

S 9
 $\frac{1}{4}$ ----
S 16
1925

from which,

- A pinyon, 10 ins. diam., bears N.67 $\frac{1}{4}$ °W., 235 lks. dist., marked $\frac{1}{4}$ S 9 B T
- A cedar, 6 ins. diam., bears S.40°W., 166 lks. dist., marked $\frac{1}{4}$ S 16 B T

41.00
47.30
57.40
69.30
71.95
74.56
79.96

Asc. 140 ft. over E. slope.
Spur, slopes S.
Desc. 183 ft. over W. slope.
Foot of descent. Enter valley, bears SE. and NW.
Leave timber.
Wash, 40 lks. wide, course N.10°W.
Asc. 187 ft. over E. slope.
Top of cliffs, 150 ft. high. Enter timber.
Spur, slopes N.10°W.
Desc. 66 ft. over W. slope.
The cor. of secs. 8, 9 16 and 17.
Land; rolling and mountainous.
Soil; sandy in bottom, rocky on slopes.
Timber; cedar and pinyon.
Undergrowth; oak and sagebrush.

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains	<p>N.0°3'W., bet. secs. 8 and 9. Over broken land, through heavy timber and dense undergrowth. Desc. 160 ft. over NW. slope. 1.70 Wash, 12 lks. wide, course NW. Continue descent. 8.00 Leave timber, bears NE. and SW. 12.50 Enter flat, bears NE. and SW. 20.90 Wash, 80 lks. wide, course SW. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap</p> <p style="text-align: center;">$\frac{1}{4}$ S 8 S 9 1925</p> <p>Dig pits 18 x 18 x 12 ins. one each on line N. and S. of cor. 3 ft. dist.</p> <p>46.25 Wire fence, bears E. and W. 54.30 Old road, bears NE. and SW. 70.00 Wash, 10 lks. wide, course SE. Leave flat, bears E. and SW. Asc. 72 ft. over SE. slope. 73.00 Enter heavy timber, bears NE. and SW. 79.71 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, supported in a mound of stone for witness cor. to the cor. of secs. 4, 5, 8 and 9, marked on brass cap</p> <p style="text-align: center;">W C T41N R5W S 5 S 4 S 8 S 9 1925</p> <p>from which, A cedar, 12 ins. diam., bears N.65$\frac{1}{2}$°E., 48 lks. dist. mkd. WC T 41 N R 5 W S 4 B T A cedar, 12 ins. diam., bears S.48°E., 99 lks. dist. mkd. WC T 41 N R 5 W S 9 B T A pinyon, 16 ins. diam., bears S.39°W., 7 lks. dist. marked W C T 41 N R 5 W S 8 B T A pinyon, 12 ins. diam., bears N.17$\frac{1}{2}$°W., 67 lks. dist. marked W C T 41 N R 5 W S 5 B T</p>
80.00	<p>True point for cor. falls in wash, course SE.</p> <p>Land; broken and rolling. Soil; sandy and rocky, 4th. rate. Timber; pinyon and cedar. Undergrowth; old mans brush, sage, oak and cactus.</p>
40.00 80.00	<p>N.89°52'E., on a random line bet. secs. 4 and 9. Set temp. $\frac{1}{4}$ sec. cor. Fall 12 lks. N. of true point for cor. of secs. 3, 4, 9 and 10.</p> <p>Thence S.89°57'W., on a true line bet. secs. 4 and 9. Over mountainous land, through heavy timber and dense undergrowth. Asc. 156 ft. over SE. slope. 17.00 Ridge, bears N. and S. Desc. 270 ft. over broken SW. slope to $\frac{1}{4}$ cor. 27.75 Wash, 20 lks. wide, course SW. 30.00 Spur, slopes SW. 39.70 Wash, 12 lks. wide, course SW. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor. marked on brass cap</p>

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains

S 4
 $\frac{1}{4}$ -----
 S 9
 1925

from which,
 A pinyon, 6 ins. diam., bears N.55°E., 110 lks.
 dist., marked $\frac{1}{4}$ S 4 B T
 A cedar, 22 ins. diam., bears S.43 $\frac{1}{2}$ °W., 48 lks.
 dist., marked $\frac{1}{4}$ S 9 B T

43.00 Asc. 18 ft. to
 Spur, slopes SW.
 Desc. 175 ft. over NW. slope.
 62.00 Foot of descent. Enter flat, bears N. and S.
 62.65 Wash, 8 lks. wide, course S.
 68.90 Old road, bears N. and S.
 74.00 Leave flat, bears SE. and NW.
 Asc. 46 ft.
 79.70 Wash, 10 lks. wide, course SE.
 80.00 The cor. of secs. 4, 5, 8 and 9.

Land; rolling and mountainous.
 Soil; sandy and rocky, 4th. rate.
 Timber; cedar and pinyon.
 Undergrowth; oak, yucca and greasewood.

40.00 N.0°10'E., on a random line bet. secs. 4 and 5.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Fall 2 lks. W. of the true point for cor. of secs. 4,
 5, 32 and 33 on N. bdy. of Tp., hereinbefore described.

Thence
 S.0°11'W., on a true line bet. secs. 4 and 5.
 Over mountainous land, thru scattering timber and dense
 undergrowth.

8.92 Desc. 170 ft. to
 Wash, 20 lks. wide, course E.
 Asc. 100 ft.
 14.00 Spur, slopes SE.
 Desc. 184 ft. to $\frac{1}{4}$ cor.
 25.00 Enter heavy timber, bears NE. and SW.
 30.00 Dry water hole, bears E. 5 chs. dist.
 34.60 Wash, 30 lks. wide, course SE.
 39.96 Set an iron post, 3 ft long, 1 in. diam., 30 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$
 S 5 | S 4
 1925

from which,
 A cedar, 6 ins. diam., bears N.74 $\frac{1}{2}$ °E., 121 lks.
 dist., marked $\frac{1}{4}$ S 4 B T
 A cedar, 6 ins. diam., bears S.18 $\frac{1}{2}$ °W., 216 lks.
 dist., marked $\frac{1}{4}$ S 5 B T

51.46 Wash, 40 lks. wide, course SE.
 66.00 Wash, 30 lks. wide, course SE.
 Asc. 50 ft. to
 67.50 Top of cliffs, bears SE. and NW.
 78.00 Desc. 40 ft. to
 79.96 The true point for cor. of secs. 4, 5, 8 and 9.

Land; mountainous.
 Soil; sandy and rocky, 4th. rate.
 Timber; cedar and pinyon.
 Undergrowth; sage, oak and greasewood.

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains The $\frac{1}{4}$ sec. cor. of secs. 29 and 30 is an iron post, 1 in. diam., properly marked on brass cap, set in a mound of stone and witnessed by a mound of stone W. of cor.
Thence
S.0°3'E., bet. secs. 29 and 30 (S. $\frac{1}{2}$)
Over rolling land, through scattering timber and undergrowth.
Desc. 68 ft. over SW. slope.
5.00 Enter level land.
30.10 Wash, 15 lks. wide, course NW.
33.70 Road, bears SE. and NW.
40.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 29, 30, 31 and 32, marked on brass cap

T41N R5W
S 30 | S 29
S 31 | S 32
1925

from which,
A pine, 12 ins. diam., bears N.44°E., 155 lks. dist. marked T 41 N R 5 W S 29 B T
A cedar, 14 ins. diam., bears S.46°E., 21 lks. dist. marked T 41 N R 5 W S 32 B T
A pine, 14 ins. diam., bears S.39 $\frac{1}{2}$ °W., 320 lks. dist. marked T 41 N R 5 W S 31 B T
A cedar, 14 ins. diam., bears N.88°W., 300 lks. dist. marked T 41 N R 5 W S 30 B T

Land; rolling.
Soil; sandy loam, 2nd. rate.
Timber; cedar and pinyon.
Undergrowth; sagebrush, buckbrush and greasewood.

40.00 S.0°3'E., on a random line bet. secs. 31 and 32.
79.96 Set temp. $\frac{1}{4}$ sec. cor.
Fall 32 lks. W. of the standard cor. of secs. 31 and 32 on S. bdy. of Tp., which is an iron post, 3 ins. diam., 12 ins. above ground, properly marked on brass cap and witnessed by a mound of stone N. of cor.

Thence
N.0°17'W., on a true line bet. secs. 31 and 32.
Over mountainous land, through heavy timber and dense undergrowth.

25.00 Asc. 360 ft. over SE. slope.
27.70 Edge of rim rock, bears NE. and SW.
Top of mountain, bears E. and W.
30.00 Desc. 280 ft. over NE. slope to $\frac{1}{4}$ cor.
39.98 Small spring and trough, bears east about 20 chs.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$
S 31 | S 32
1925

from which,
A pine, 10 ins. diam., bears N. $\frac{1}{2}$ °E., 13 lks. dist. marked $\frac{1}{4}$ S 32 B T
A cedar limb, 10 ins. diam., bears N.69 $\frac{1}{4}$ °W., 63 lks. dist., marked B T

50.00 Desc. 180 ft. over steep NE. slope to
79.96 Wash, 50 lks. wide, course NE.
Desc. 143 ft. over N^w. slope.
The cor. of secs. 29, 30, 31 and 32.

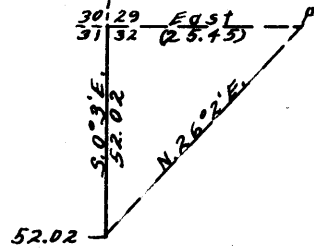
Land; rolling and mountainous.

Survey of a Portion of the Subdivision:
lines of T.41 N., R.5 W.

Chains.

Soil; rocky, 4th. rate.
Timber; pinyon and cedar.
Undergrowth; sagebrush, buckbrush and greasewood.

East, on a random line bet. secs. 29 and 32.
Precipitous cliffs prevent chaining.
Set a flag on line ahead above cliffs, the vertical angle to which is $+ 16\frac{1}{2}^\circ$.
From the 52.02 ch. point on random line bet. secs. 31 and 32, the bearing to flag is $N.26^\circ 2' E$.
The computed dist. to flag is 25.45 chs.



40.00
80.10

Thence by chaining.
Set temp. $\frac{1}{4}$ sec. cor.
Fall 16 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence
 $S.89^\circ 53' W.$, on a true line bet. secs. 29 and 32.
Over rolling land, through scattering timber and dense undergrowth.

1.00
5.00
16.00
26.00
40.05

Wash, 50 lks. wide, course N.
Wash, 50 lks. wide, course N.
Asc. 470 ft. over broken $\frac{1}{4}$ slope to $\frac{1}{4}$ cor.
Top of cliff, 50 ft. high, bears SE. and NW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

S 29
 $\frac{1}{4}$ ----
S 32
1925

from which,
A pinyon, 12 ins. diam., bears $N.34^\circ E.$, 51 lks. dist. marked $\frac{1}{4}$ S 29 B T
A pinyon, 8 ins. diam., bears $S.18\frac{1}{2}^\circ E.$, 48 lks. dist. marked $\frac{1}{4}$ S 32 B T

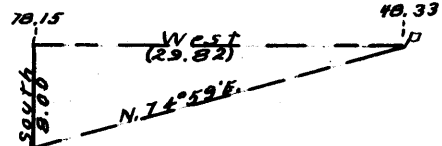
45.00
54.65
70.00
80.10

Asc. slightly.
Desc. 55 ft. to
Top of cliffs, bears NE. and SW.
Desc.
(Approx.) Wash, 15 lks. wide, course NW. Old road along wash.
The cor. of secs. 29, 30, 31 and 32.

Land; mountainous.
Soil; rocky, 4th. rate.
Timber; cedar and pinyon.
Undergrowth; sagebrush, greasewood and cactus.

30.00
48.33

West, on a random line bet. secs. 30 and 31.
Set temp. $\frac{1}{4}$ sec. cor.
Precipitous cliffs prevent chaining farther. Set a flag for triangulation and proceed to a point on line ahead. The vertical angle back to flag is $+ 20\frac{1}{2}^\circ$.
Measure a base south, 8.00 chs. dist. From south end of base the bearing to flag is $N.74^\circ 59' E$.
Dist. on random = 48.33 chs.
By triangulation = 29.82 "
Total dist. = 78.15 "



78.15
79.63

Thence by chaining.
Fall 14 lks. N. of the cor. of secs. 25, 30, 31 and 36 on west boundary of township, which is an iron post, 3 ins. diam., 18 ins. above ground, in a mound of stone, properly marked on brass cap and witnessed

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains by a mound of stone W. of cor. and three bearing trees one each NE., SW. and NW. of cor.

Thence
N.89°54'E., on a true line bet. secs. 30 and 31.
Over mountainous land, through heavy timber and scattering undergrowth.

31.30 Asc. over W. slope.
Rim of cliffs, bears N. and S.

39.63 Desc. 105 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 7 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor. marked on brass cap

S 30
 $\frac{1}{4}$ -----
S 31
1925

from which,
A cross (+) on ledge, bears N.15°W., 10 lks. dist. mark B O alongside cross.

40.33 Top of cliff, 185 ft. high, bears N. and S.

41.22 Foot of cliff, bears N. and S.
Desc. 323 ft. over NE. slope to

67.23 Wash, 20 lks. wide, course N.

Asc. 35 ft. to

70.93 Spur, slopes N.

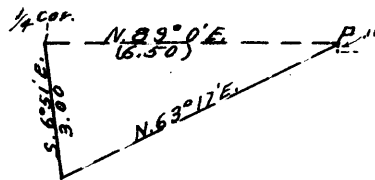
Desc. 37 ft. to

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

Land; mountainous.
Soil; rocky, 4th. rate.
Timber; pinyon and cedar.
Undergrowth; sagebrush and buckbrush.

The $\frac{1}{4}$ sec. cor. of secs. 17 and 20 is an iron post, 1 in. diam., 24 ins. above ground, in a mound of stone, properly marked on brass cap and witnessed by two bearing trees, one each SE. and NW. of cor.

Thence
East, on a random line bet. secs. 17 and 20.
Precipitous cliffs prevent chaining, triangulate as follows: A flag on top of cliffs bears N.89°0'E.
The vertical angle to flag = + 35°. Measure a base S.6°51'E., 3.00 chs. dist.
From south end of base, the bearing to flag is N.63°17'E.
The computed dist. to flag on the course N.89°E., = 6.50 chs.
Offset south 11 lks. to point on random line.



6.50 Thence by chaining.
39.96 Fall 13 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence
S.89°49'W., on a true line bet. secs. 17 and 20.
Over mountainous land, through scattering timber and undergrowth.

10.03 Asc. 172 ft. over E. slope to
Wash, 15 lks. wide, course S.

16.00 Asc. 48 ft. to
Ridge, bears N. and S.

33.46 Desc. 133 ft. over W. slope.
Rim of cliffs, bears N. and S.

39.96 Desc. 216 ft. over W. slope.
The $\frac{1}{4}$ sec. cor. of secs. 17 and 20.

Land; mountainous. Soil; sandy and rocky,
Timber; cedar and pinyon.
Undergrowth; sage and greasewood.

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains The $\frac{1}{4}$ sec. cor. of secs. 8 and 17 is an iron post, 1 in. diam., 10 ins. above ground, properly marked on brass cap and witnessed by pits, one each E. and W. of cor. 3 ft. dist.

Thence
39.75 East, on a random line bet. secs. 8 and 17 (E. $\frac{1}{2}$)
Fall 21 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence
S. $89^{\circ}42'W.$, on a true line bet. secs. 8 and 17 (E. $\frac{1}{2}$)
Over mountainous land, through heavy timber and dense undergrowth.

1.80 Desc. 26 ft. over W. slope.
Wash, 30 lks. wide, course N.
Asc. 100 ft. over NE. slope.

9.45 Point of rocky spur, slopes N.
Desc. 240 ft. over steep NW. slope.

10.00 Leave timber, bears NE. and SW.

23.18 Wash, 12 lks. wide, course SW. over level land.

39.75 The $\frac{1}{4}$ sec. cor. of secs. 8 and 17.

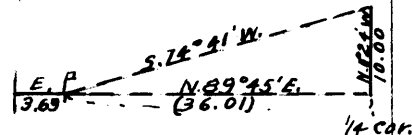
Land; mountainous and level.
Soil; sandy loam on flat, rocky on hills.
Timber; cedar and pinyon.
Undergrowth; sagebrush and greasewood.

The $\frac{1}{4}$ sec. cor. of secs. 7 and 18 is an iron post, 1 in. diam., 12 ins. above ground, properly marked on brass cap and witnessed by pits, one each E. and W. of cor. 3 ft. dist.

Thence,

West, on a random line bet. secs. 7 and 18 (W. $\frac{1}{2}$)

Precipitous cliffs ahead prevent chaining. Triangulate as follows: A flag on rim of cliffs, 3.69 chs. E. of objective cor., bears N. $89^{\circ}45'W.$ The vertical angle to flag is $+25^{\circ}$. Measure a base N. $0^{\circ}24'W.$, 10.00 chs. dist. From north end of base, flag on cliff bears S. $74^{\circ}41'W.$ Dist. to flag by triangulation = 36.01 chs.



The computed length and falling

of random line are therefore as follows:

39.70 Fall 16 lks. S. of the cor. of secs. 7, 12, 13 and 18 on W. bdy. of Tp., which is an iron post, 3 ins. diam., 30 ins. above ground, supported in a mound of stone, properly marked on brass cap, and witnessed by four bearing trees, one each NE., SE., SW. and NW. of cor.

Thence,
S. $89^{\circ}46'E.$, on a true line bet. secs. 7 and 18 (W. $\frac{1}{2}$)
Over rolling land, through scattering timber and undergrowth.

1.80 Asc. 13 ft. to
Ridge, bears N. and S. Desc. E. slope.

3.69 Top of cliffs, 200 ft. high, facing E.
Desc. steep NE. slope.

30.00 Foot of steep descent. Desc. gentle E. slope.

35.00 Leave timber, bears SE. and NW.

39.70 The $\frac{1}{4}$ sec. cor. of secs. 7 and 18.

Land; mountainous.
Soil; sandy and rocky, 4th. rate.
Timber; cedar and pinyon.
Undergrowth; sagebrush and greasewood.

Survey of a Portion of the Subdivision-
lines of T.41 N., R.5 W.

Chains The cor. of secs. 7, 8, 17 and 18 is an iron post, 2 ins. diam., 12 ins. above ground, properly marked on brass cap and witnessed by one bearing tree SE. of cor. and a mound of stone W. of cor.

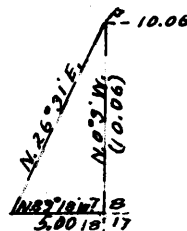
Thence

N.0°3'W., bet. secs. 7 and 8.

Over mountainous land, through scattering timber and undergrowth.

Precipitous cliffs ahead prevent chaining. Set a flag on line on top of cliffs, the vertical angle to which is + 22°. Measure a base N.89°18'W., 5.00 chs. dist. From west end of base flag on cliff, bears N.26°31'E.

The solution of this triangle gives a dist. to flag of 10.06 chs.



10.06 Top of cliffs, bears SE. and NW. 250 ft. above cor.

Asc. 75 ft. to $\frac{1}{4}$ cor.

12.00 Enter heavy timber and dense undergrowth, bears E. and W.

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

$\frac{1}{4}$

S 7 | S 8

1925

from which,

A cedar, 6 ins. diam., bears S.86 $\frac{1}{2}$ °E., 24 lks. dist. marked $\frac{1}{4}$ S 8 B T

A cedar, 10 ins. diam., bears N.33°W., 16 lks. dist. marked $\frac{1}{4}$ S 7 B T

54.20 Asc. 64 ft. over S. slope to Rocky spur, slopes SW.

Desc. 173 ft. over NW. slope.

70.85 Wash, 12 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 5, 6, 7 and 8, marked on brass cap

T41N R5W
S 6 | S 5
S 7 | S 8
1925

from which,

A pinyon, 7 ins. diam., bears N.57°E., 154 lks. dist. marked T 41 N R 5 W S 5 B T

A cedar, 12 ins. diam., bears S.54°E., 166 lks. dist. marked T 41 N R 5 W S 8 B T

A pinyon, 10 ins. diam., bears S.45 $\frac{1}{2}$ °W., 12 lks. dist. marked T 41 N R 5 W S 7 B T

A cedar, 6 ins. diam., bears N.17 $\frac{1}{2}$ °W., 22 lks. dist. marked T 41 N R 5 W S 6 B T

Land; rolling and mountainous.

Soil; sandy and rocky, 4th. rate.

Timber; pinyon and cedar.

Undergrowth; scrub oak, soapweed and manzanita.

40.00 N.89°51'E., on a random line bet. secs. 5 and 8.

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

Fall 2 lks. N. of the true point for cor. of secs. 4, 5, 8 and 9.

Thence

S.89°52'W., on a true line bet. secs. 5 and 8.

Over mountainous land, through heavy timber and dense undergrowth.

Asc. 83 ft. over E. slope.

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains
 7.50 Spur, slopes SE. Desc. 50 ft.
 11.70 Wash, 15 lks. wide, course S.
 Asc. 50 ft.
 13.60 Desc. 65 ft.
 17.90 Wash, 35 lks. wide, course SE.
 Asc. 80 ft. over E. slope.
 24.00 Spur, slopes SE. Desc. 30 ft.
 26.04 Wash, 20 lks. wide, course SE.
 Asc. 255 ft. over NE. slope.
 39.50 Top of ascent.
 39.88 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in
 the ground to bed rock, supported in a mound of stone
 for $\frac{1}{4}$ sec. cor. marked on brass cap

S 5
 $\frac{1}{4}$ -----
 S 8
 1925

from which,
 A pinyon, 6 ins. diam., bears N.20 $\frac{1}{2}$ °E., 92 lks. dist.
 marked $\frac{1}{4}$ S 5 B T
 A yellow pine, 6 ins. diam., bears S.75 $\frac{1}{2}$ °W., 55 lks.
 dist., marked $\frac{1}{4}$ S 8 B T

Over rolling top of mountain, through heavy timber and
 scattering undergrowth.
 61.00 Desc. 230 ft. over NW. slope.
 79.76 The cor. of secs. 5, 6, 7 and 8.

Land; mountainous.
 Soil; rocky, 4th. rate.
 Timber; cedar and pinyon.
 Undergrowth; oak, yucca and greasewood.

40.00 West, on a random line bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 It being impracticable to chain over the precipitous
 cliffs ahead, I set a flag on line above cliffs, the
 vertical angle to which is + 18°. Measure a base
 S.0°45'W., 3.00 chs. dist.
 From S. end of base, flag
 bears N.72°51'W.
 Dist. on random = 40.00 chs.
 By triangulation = 9.76 "
 Total dist. = 49.76 "

49.76 Thence by chaining.
 79.56 Fall 4 lks. S. of the cor. of secs. 1, 6, 7 and 12 on
 W. bdy. of Tn., which is an iron post, 3 ins. diam.,
 30 ins. above ground, in a mound of stone, properly
 marked on brass cap and witnessed by four bearing trees
 one each NE., SE., SW. and NW. of cor.

Thence
 S.89°58'E., on a true line bet. secs. 6 and 7.
 Over mountainous land, through scattering timber and
 undergrowth.
 Desc. 143 ft. over E. slope to
 7.62 Wash, course N.
 Desc. 84 ft. over NE. slope to
 13.76 Same wash, 20 lks. wide, course SE.
 Asc., 36 ft. over SW. slope.
 20.00 Spur, slopes SE. Desc. 180 ft. to
 29.80 Desc. 200 ft. over precipitous cliffs.
 36.36 Wash, 40 lks. wide, course SE.
 39.56 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

S 6
 $\frac{1}{4}$ -----
 S 7
 1925

Survey of a Portion of the Subdivision
lines of T.41 N., R.5 W.

Chains

from which,
A pinyon, 7 ins. diam., bears N.86°W., 209 lks. dist.
marked $\frac{1}{4}$ S 6 B T
A cedar, 9 ins. diam., bears S.78 $\frac{1}{4}$ °W., 428 lks. dist.
marked $\frac{1}{4}$ S 7 B T

52.50 Wash, 20 lks. wide, course S.
Asc. 240 ft. over W. slope.
53.10 Road, bears N. and S.
59.06 Top of rocky cliff, bears N. and S.
Desc. 100 ft. over SE. slope.
59.56 Small spring, bears S. about 10 chs. dist.
68.27 Wash, 15 lks. wide, course SW.
Asc. 90 ft. over NW. slope.
79.06 Wash, 10 lks. wide, course NW.
79.56 The cor. of secs. 5, 6, 7 and 8.

Land; mountainous.
Soil; rocky, 4th. rate.
Timber; cedar and pinyon.
Undergrowth; oak, manzanita and sage.

40.00 N.0°3'W., on a random line bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.
80.06 Fall 11 lks. W. of the cor. of secs. 5, 6, 31 and 32 on
N. bdy. of Tp., hereinbefore described.

Thence
S.0°2'W., on a true line bet. secs. 5 and 6.
Over rolling land, through scattering timber and dense
undergrowth.

.80 Wash, 25 lks. wide, course NW. Asc. 118 ft. to $\frac{1}{4}$ cor.
7.11 Wire fence, bears E. and W.
17.52 Wash, 30 lks. wide, course SW.
25.00 Enter heavy timber.
40.06 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$

S 6 | S 5

1925

from which,
A cedar, 14 ins. diam., bears S.29 $\frac{1}{4}$ °E., 76 lks. dist.
marked $\frac{1}{4}$ S 5 B T
A pinyon, 6 ins. diam., bears S.40 $\frac{1}{4}$ °W., 111 lks. dist.
marked $\frac{1}{4}$ S 6 B T

46.20 Desc. 14 ft.
Wash, 10 lks. wide, course W.
Asc. 68 ft.
50.56 Desc. 75 ft.
55.78 Wash, 20 lks. wide, course NW.
Asc. 123 ft. over N. slope.
67.66 Top of ascent.
71.00 Spur, slopes W.
Desc. 69 ft.
78.90 Wash, 15 lks. wide, course W.
80.06 The cor. of secs. 5, 6, 7 and 8.

Land; mountainous.
Soil; sandy and rocky, 4th. rate.
Timber; cedar and pinyon.
Undergrowth; sagebrush, oak and manzanita.

Boundaries of the West half of
T.41 N., R.5 W.

Latitudes, departures and closing errors.							
Line designated.	True bearing.	Dist- ance.	Latitudes.		Departures.		
			N.	S.	E.	W.	
S. bdy. (10th. Sta. West Par. North)	West	240.00				240.00	
W. bdy.	North	480.00	480.00				
N. bdy.	East	239.45			239.45		
Subdivisional bdy.	S.0°10'W.	79.89		79.89		.23	
	S.0°2'E.	400.00		400.00	.23		
Convergency -----					.27		
Totals			480.00	479.89	239.95	240.23	
			479.89			239.95	
Error in latitude -----			0.11				
Error in departure -----					0.28		

GENERAL DESCRIPTION

The portion of T.41 N., R.5 W., surveyed at this time is mostly broken mountainous land, consisting of numerous irregular shaped mesas having precipitous sides from 100 to 500 ft. in height. The land on top of the mesas is rolling and rocky, and is covered with a heavy growth of cedar and pinyon timber. There is some nearly level and gently rolling land in the narrow valleys between the mesas. In these valleys the soil is sandy loam.

Several small springs were found in the township. No indication of mineral was found.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Willis W. Bandy, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 131, Arizona bearing date of the 23rd day of May, 1924, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, resurveyed all those parts or portions of the 10th. Standard Parallel North, in Range 5 West and surveyed all those parts or portions of the 10th Standard Parallel North in Range 5 West and Subdivision lines of Township 41 North, Range 5 West 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 me, and under my direction; and that all the corners of said resurvey and 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 131, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: Dewrick, Mo. Date: May 9, 1926. Signature: Willis W. Bandy, U. S. Surveyor.

APPROVAL

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

19

The foregoing field notes of the survey of

executed by under his special instructions dated, 19, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved. 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.

U. S. Surveyor General.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, William E. Hiester, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 131, Arizona bearing date of the 23rd day of May, 1924, I have well, faithfully, and truly in my own proper person, 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 North Boundary and

Subdivision Lines of

Township 41 North, Range 5 West 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 me, and under my 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 131, 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. William E. Hiester U. S. Surveyor. Date: May 7 1926 APPROVAL.

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS

Denver, Colo., DEC 11 1926

The foregoing field notes of the RESURVEY of 10th Std. Parallel N. thru part of Range 5 West, and of the SURVEY of 10th Std. Parallel N. thru part of Range 5 W., part of North bdy. and part of Subdivision lines of Township 41 North, Range 5 West, Gila and Salt River Base and Meridian, Arizona

executed by William E. Hiester and Willis W. Bandy, U.S. Surveyors under special instructions dated May 23, 1924, for Group 131, 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. [Signature]

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.