

BOOK 3288

FIELD NOTES

OF THE SURVEY OF THE

10th Standard Parallel North, thru. Range 6 West,

West and Part of North bdy. of Township 41 North, Range 6 West,

West bdy. of Fracl. Township 42 North, Range 6 West,

Part of the Subdivision lines of Township 41 North, Range 6 West,

and Fracl. Township 42 North, Range 6 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Thomas B. Matthews, U.S. Surveyor,

and

William L. Nash, U. S. Transitman,

in the capacity of U. S. Surveyor, under Special Instructions dated June 16, 1916, issued by the United States Surveyor General to govern surveys included in Group No. 75, Arizona, which were approved by the Commissioner of the General Land Office, July 5, 1916, and Assignment Instructions dated August 15, 1916

Survey commenced September 11, 1916

Survey completed October 26, 1916

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1A

BOOK 3288

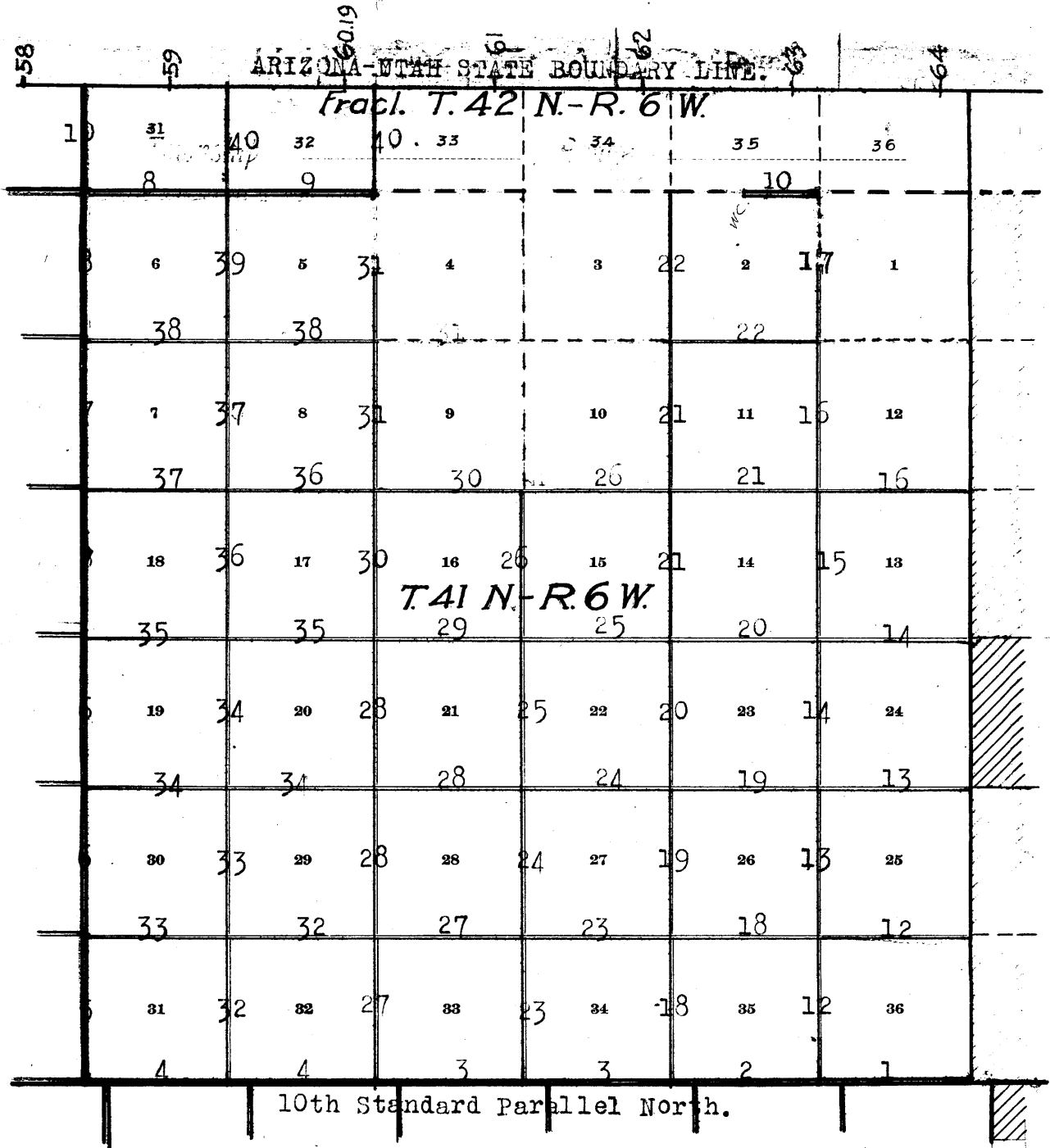
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Book "A"

BOOK 3288

Group 75- p - Arizona.

INDEX DIAGRAM.



- Surveyed under this group. Notes in this book.
- Surveyed under this group. Notes in Book "B."
- Surveyed under this group. Notes in Book "D."
- Accepted surveys.
- Unsurveyed.
- Areas surveyed as per accepted plats on file.
- Areas of accepted Utah surveys.

11th Standard Parallel North through range 6 West.

Surveys hereinafter described,

executed by Thos. B. Matthews, U. S. Surveyor, and Wm. L. Nash, U. S. Transitman, using Buff and Buff light mountain transit No. 10124 and Young and Sons light mountain transit No. 8586 respectively, on the dates shown on the diagram on page 43 hereof; both instruments being equipped with Smith Solar attachments. The instruments were examined on a true meridian and were approved by the Assistant Supervisor of Surveys, at Phoenix, Arizona, Aug. 15, 1916. The horizontal limbs are provided with two double verniers, reading to single minutes of arc, which is the least count of the verniers of the latitude and declination arcs.

After testing the adjustments of the instruments and making proper corrections, to test the solar attachments by comparing their indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations on Polaris, procedure is as follows.

Test of instrument No. 10124.

Sept. 9, 1916, at a point near camp in sec. 21 T. 41 N., R. 6 W., latitude, $36^{\circ} 56' N.$, longitude, $112^{\circ} 57' 24'' W.$, at 8h. 20m., p.m., l.m.t., Polaris is observed at eastern elongation in accordance with instructions in the Manual of Surveying and a point marked in the true line thus determined by a tack in a wooden stake, set firmly in the ground, 5 chs. N. of instrument.

Sept. 10, 1916, at 8h. 0m., a.m., l.m.t., the azimuth of Polaris, $1^{\circ} 25\frac{1}{2}'$ is turned off to the W. and a point on the true meridian thus determined, is marked by a tack in a stake set firmly in the ground, 5 chs. N. of instrument. At 8h. 20m., a.m., l.m.t., $36^{\circ} 56' N.$ is set off on the lat. arc; $4^{\circ} 56' N.$ on the decl. arc, and a meridian determined with the solar. The meridian thus determined falls less than 1' to the left of the true meridian. At 4h. 0m., p.m., l.m.t., $36^{\circ} 56' N.$ is set off on the lat. arc; $4^{\circ} 48\frac{1}{2}' N.$ on the decl. arc, and a meridian determined with the solar. The meridian thus determined falls less than 1' to the right of the true meridian determined by observations on Polaris. It is therefore concluded that the adjustments of the instrument are satisfactory.

Adjustment of instrument No. 8586.

After proper examination and correction of the adjustments of the transit, the adjustments of the solar attachment are tested by comparing its indications resulting from solar observations made during a.m., and p.m. hours with the true meridian established as described above.

Sept. 13, 1916, at 8h. 0m., a.m., l.m.t., $36^{\circ} 56' N.$ is set off on the lat. arc; $3^{\circ} 47\frac{1}{2}' N.$ on the decl. arc, and a meridian determined with the solar, at the station used in the test of instrument No. 10124. The meridian thus determined intersects and coincides with the true meridian described above. At 5h. 0., p.m., l.m.t., $36^{\circ} 56' N.$ is set off on the lat. arc; $3^{\circ} 40' N.$ on the decl. arc, and a meridian determined with the solar. The meridian thus determined intersects and coincides with the meridian above described. It is therefore concluded that the adjustments of the instrument are satisfactory.

The magnetic declination at this station is $16^{\circ} 0' E.$

Sept. 10, 1916, from station, 4 lks. S. of the standard cor. of Ts. 41 N., Rs. 5 and 6 W., which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General, using instrument No. 8586, Polaris is observed at eastern elongation at 8h. 16m., p.m., l.m.t., in accordance with instructions in the Manual of Surveying, and a point in the line thus determined is marked by a stake set firmly in the ground, 15 chs. N. of instrument. Sept. 11, 1916, at 9h. 0m., a.m., l.m.t., the azimuth of Polaris, $1^{\circ} 25'$ is turned off to the W. and a point in the meridian thus determined

2 Survey of 10th Standard Parallel North Through Range 6 West.

Chains

is marked by a stake set firmly in the ground, 15 chs. N. of instrument. From this meridian, turn off N. 89° 58' W.

Thence

N. 89° 58' W. on the secant along S. bdy. of sec. 36. Over gently rolling land, through scattering timber and undergrowth.

40.00

N. 2 lks. from the secant, Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., mkd. on brass cap

S C
 $\frac{1}{4}$ S 36

1916

from which,

A cedar, 5 ins. diam., brs. N. 62° W. 132 lks. dist.; mkd. $\frac{1}{4}$ S 36 S C B T.

A cedar, 5 ins. diam., brs. N. 84° E. 152 lks. dist.; mkd. $\frac{1}{4}$ S 36 S C B T.

43.64
80.00

Road brs. NW. to Cane Bed Springs and SE. to Pipe Springs and Fredonia. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for standard cor. of secs. 35 and 36, mkd. on brass cap

T41N R 6W
S C
S35/S36

1916

from which,

A cedar, 13 ins. diam., brs. N. 27 $\frac{1}{2}$ ° E. 253 lks. dist.; mkd. T 41 N R 6 W S 36 S C B T.

A cedar, 12 ins. diam., brs. N. 62 $\frac{1}{2}$ ° W. 132 lks. dist.; mkd. T 41 N R 6 W S 35 S C B T.

Land, gently rolling.
Soil, 1st and 2nd rates, loam and sandy.
Timber, cedar.
Undergrowth, cactus and sagebrush.
Fair growth of gramma grass.

N. 89° 59' W. on the secant along S. bdy. of sec. 35. Over rolling land, through scattering timber and undergrowth:

5:00
25:00
31.70
40.00

Leave timber.
Draw, 1 ch. wide, course N.
Road brs. N. and S.
S. 1 lk. from the secant, Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., mkd. on brass cap

S C
 $\frac{1}{4}$ S 35

1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist. Telephone line, brs. N. 35° W. to Hurricane & St. George, Utah and S. 35° E. to Pipe Springs & Fredonia, Arizona. 35° E.

40.66
44.00
46.80
48.00
80.00

Draw, 2 chs. wide, course N.
Road, brs. NW. & SE. Hurricane & St. George, Utah to Pipe Springs and Fredonia, Arizona. S. 2 lks. from the secant, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for standard cor. of secs. 34 and 35, mkd. on brass cap

10th Standard Parallel North, Through Range 6 West. 3

Chains

T41N.R 6W
S C
S34|S35

1916

dig pits, 24 X 18 X 12 ins., crosswise on each line
E. and W. 3 ft. and N. of post, 7 ft. dist.
Land, gently rolling.
Soil, sandy, 1st rate.
Timber, scattering cedar.
Undergrowth, cactus, sagebrush, broomweed.
Fair growth of gramma grass.

36.25
40.00

N. 89° 59' W. on the secant, through sec. 34.
Over gently rolling land, through scattering undergrowth.
Dim road brs. NW. and SE.
N. 3 lks. from the secant,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for standard $\frac{1}{4}$ sec. cor., mkd. on brass cap

S C
 $\frac{1}{4}$ S 34

1916

60.00
62.05
80.00

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.
Wash, 1 ch. wide, course SW.
Road brs. NE. and SW.
S. 3 lks. from the secant,
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for standard cor. of secs. 33 and 34, mkd. on
brass cap

T41N R 6W
S C
S33|S34

1916

dig pits, 24 X 18 X 12 ins., crosswise on each line,
E. and W., 3 ft. and N. of post, 7 ft. dist.
Land, gently rolling.
Soil, sandy, 1st rate.
No timber.
Undergrowth, cactus, broomweed and sagebrush.
Abundant gramma grass.

27.07
40.00

S. 89° 59' W. on the secant, through sec. 33.
Over gently rolling land, through scattering undergrowth.
Road brs. NW. and SE.
S. 3 lks. from the secant,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for standard $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

1916

76.00

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.
Draw, 1 ch. wide, course N.

4 10th Standard Parallel North, Through Range 6 West.

Chains S. 2 lks. from the secant,
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for standard cor. of secs. 32 and 33, mkd. on brass cap

T41N R 6W
S C
S32|S33

1916.

dig pits, 24 X 18 X 12 ins., crosswise on each line, E. and W. 3 ft. and N. of post, 7 ft. dist.

Land, gently rolling.

Soil, sandy, 1st rate.

No timber.

Undergrowth, white sagebrush, cactus and broomweed.

Abundant gramma grass.

S. 89° 59' W. on the secant, through sec. 32.
Over gently rolling land, through scattering undergrowth.
12.00 Ditch, 10 lks. wide, course N.
26.00 Ditch, 20 lks. wide, course N.
33.00 Ditch, 20 lks. wide, course N.
40.00 S. 1 lk. from the secant,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

52.00 Ditch, 20 lks. wide, course NE.

69.00 Ditch, 15 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for standard cor. of secs. 31 and 32, mkd. on brass cap

T41N R 6W
S C
S31|S32

1916

dig pits, 24 X 18 X 12 ins., crosswise on each line, E. and W. 3 ft., and N. of post, 7 ft. dist.

Land, gently rolling.

Soil, slightly sandy, 1st rate.

No timber.

Undergrowth, white sagebrush, broomweed and cactus.

Abundant gramma grass.

S. 89° 58' W. on the secant, S. of sec. 31.
Over gently rolling land, through scattering undergrowth.
23.00 Old road. brs. NW. and SE.
40.00 N. 2 lks. from the secant,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard, $\frac{1}{4}$ sec. cor., mkd. on brass cap

S C
 $\frac{1}{4}$ S 31

1916

10th Standard Parallel North, Through Range 6 West, 5

Chains

80.00 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

80.00 N. 4 lks. from the secant, Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of Ts. 41 N., Rs. 6 and 7 W. mkd. on brass cap

T41N
R7W R6W
S C
S36|S31

1916

dig pits, 30 X 24 X 12 ins., crosswise on each line, E. and W. 4 ft., and N. of post, 8 ft. dist.

Land, gently rolling.

Soil, 1st rate.

No timber.

Undergrowth, cactus, broom weed and sagebrush.

Abundant gramma grass.

Survey of West Bdy. of T. 41 N., R. 6 W.

Survey commenced Sept. 15, 1916, and executed with a Buff and Buff light mountain transit No. 10, 124, as hereinbefore described. For description of instrument together with field tests of the solar apparatus, see beginning of notes in this book.

From the standard cor. of Ts. 41 N., Rs. 6 and 7 W., on 10th Standard Par. N., hereinbefore described.

North bet. secs. 31 and 36.

Over gently rolling land, through scattering timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4
S36|S31

1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

53.78 Bottom of draw, 40 lks. wide, 10 ft. deep, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36; mkd. on brass cap

T41N
R7W R6W
S25|S30
S36|S31
1916

from which,

A cedar, 8 ins. diam., brs. N. 76 1/4° E.
461 lks. dist.; mkd. T 41 N R 6 W S 30 B T.

A cedar, 10 ins. diam., brs. S. 88 1/4° W.
449 lks. dist.; mkd. T 41 N R 7 W S 36 B T.

No other trees within limits.

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

Land, gently rolling.

Soil, sandy loam, 30 ins. deep, 1st rate.

Timber, scattering cedar.

Undergrowth, sagebrush and broom weed..

Abundant grass.

6

West Bdy. of T. 41 N., R. 6 W.

Chains

40.00 North bet. secs. 25 and 30.
Over gently rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S25 | S30

1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.

51.25 Wash, 10 lks. wide, 4 ft. deep, course NW.

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

T41N
R7W R6W
S24 | S19
S25 | S30
1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
Land, gently rolling.
Soil, sandy 2nd rate.
No timber.
Undergrowth, sagebrush.
Abundant grass.

North bet. secs. 19 and 24.

Over gently rolling land, through scattering undergrowth.

.52 Wagon road brs. NW. and SE.

5.20 Wash, 40 lks. wide, 8 ft. deep course NW.

12.20 Wagon road brs. NW. and SE.

37.60 Wagon road brs. E. and W.

38.00 Wire fence brs. E. and W.

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

$\frac{1}{4}$
S24 | S19

1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.

45.92 Old road brs. E. and W.

46.30 J. Q. Gutshall's house brs. N. 54° W.

60.25 Enter plowed field.

63.00 Leave plowed field.

71.00 Enter plowed field.

76.20 Enter cultivated field.

78.20 Wire fence brs. E. and W. Leave cultivated field.

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

T41N
R7W R6W
S13 | S18
S24 | S19
1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
Land, gently rolling.
Soil, 1st rate, sandy loam.
No timber.

Chains

Undergrowth, scattering sagebrush.
Abundant grass.

2.20 North bet. secs. 13 and 18.
Over gently rolling land, through scattering sagebrush.
J. Q. Gutshall's house brs. S. 71° W.
2.72 Road brs. NE. and SW.
11.00 E. E. McDowell's house brs. E. 8 chs. dist.
22.10 Old road brs. NW. and SE.
30.00 Small draw, 8 lks. wide, 2 ft. deep, course SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \hline S13 | S18 \end{array}$$

1916

78.15 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.;
Wire fence brs. E. and W.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs, 7, 12, 13 and 18, mkd. on
brass cap

$$\begin{array}{c} T41N \\ R7W R6W \\ \hline S12 | S7 \\ \hline S13 | S18 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
Land, gently rolling.
Soil, sandy loam, 1st rate.
No timber.
Undergrowth, scattering sagebrush.
Fair growth of grass.

40.00 North bet. secs. 7 and 12.
Over gently rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \hline S12 | S7 \end{array}$$

1916

50.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.
Leave undergrowth.
75.60 Wash. 70 lks. wide, course SW.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 1, 6, 7 and 12, mkd. on
brass cap

$$\begin{array}{c} T41N \\ R7W R6W \\ \hline S1 | S6 \\ \hline S12 | S7 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
Land, gently rolling.
Soil, sandy, 2nd rate.
No timber.

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West Bdy. of T. 41 N., R. 6 W.

Chains

Undergrowth, sagebrush, starch weed and "old man" brush.
Fair growth of grass.

North bet. secs. 1 and 6.

12.78
31.40
40.00

Over gently rolling land, through scattering undergrowth.
Wire fence brs. NW. and SE.
Wire fence brs. NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

1916

52.28
59:70
63.50
64.38
65.78
70.00
73.60
80.00

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
From this cor. Kofen's house brs, N. $32\frac{1}{2}^{\circ}$ E.
Road, brs. NW. to Hurricane & St. George, Utah and SE. to Pipe Springs and Fredonia, Arizona.
Row of fence posts brs. NE. and SW.
S. bank of Short Creek brs. NE. and SW.
Center of Short Creek, 18 lks. wide, water 5 ins. deep, course SW.
N. bank of Short Creek brs. NE. and SW.
Second N. bank of Short Creek brs. NE. and SW.
Wagon road brs. E. and W.
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 41 N., Rs. 6 and 7 W., and fracl. Ts. 42 N., Rs. 6 and 7 W., marked on brass cap,

T42N
R7W R6W
S36 | S31
S 1 | S 6
T41N
1916

and raise a mound of stone, 3 ft. base, 3 ft. high, S. of cor.
Land, gently rolling.
Soil, sandy, 2nd rate.
No timber.
Undergrowth, "old man" brush.
Fair growth of grass.

Survey of
Portion of North Bdy. of T. 41 N., R. 6 W.

20.50
20.50
21.06
29.00
30.00
30.83
39.45

From the cor. off Ts. 41 N., Rs. 6 and 7 W., and fracl. Ts. 42 N., Rs. 6 and 7 W. hereinbefore described,
East on a true line bet. sec. 6 and fracl. sec. 31.
Over gently rolling land, through scattering timber & undergrowth
Telephone line, brs. NW. to Hurricane and St. George, Utah
and SE. to Pipe Springs and Fredonia, Arizona.
Road brs. NE. and SW.
Road brs. NW. and SE. N. bank of Short Creek, 10 ft. high, brs. NE. and SW.
Center of Short Creek, 20 lks. wide, water 5 ins. deep, course, SW.
S. bank of Short Creek.
Allowing 55 lks. for convergency of Tp.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

Portion of North Bdy. of T. 41 N., R. 6 W.

Chains.

S31
S 6
1916

from which

A cottonwood, 36 ins. diam., brs. N.65 $\frac{1}{2}$ °E.,
237 lks. dist., mkd. $\frac{1}{2}$ S31 BT.
A cottonwood, 36 ins. diam., brs. S.76°E.,
220 lks. dist., mkd. $\frac{1}{2}$ S6 BT.

Asc. gradually.

43.45 Top of small sandy ridge, brs. N. and S., covered with scattering growth of cottonwood. Desc. gradually.

54.63 Wire fence, brs. NE. and SW.

71.05 Road, brs. NE. and SW.

73.90 Road, brs. N. and S.

73.25 Wire fence, brs. N. and S. Enter cultivated land.

73.75 O. F. Colvin's house brs. N. 2 chs. dist.

77.15 Leave cultivated field. Woven wire fence brs. N. and S.

78.25 Enter cultivated field.

79.45 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5 and 6 and fracl. secs. 31 and 32, marked on brass cap

T42N R6W
S31 | S32
S 6 | S 5
T41N
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
Land, gently rolling.
Soil, sandy, 36 ins. deep, 2nd rate.
Timber, few scattering cottonwood trees.
Undergrowth, brigham brush and "old man" brush.
Scant growth of grass.

East bet. sec. 5 and fracl. sec. 32.
Over gently rolling land, through cultivated field.

4.70 Leave cultivated land, brs. N. and S.

17.45 Wash, 25 lks. wide, 5 ft. deep, course SW.

21.12 Old wagon road, brs. NE. and SW.

30.65 Wire fence, brs. N. and S.

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

$\frac{1}{4}$ S32
S 5
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

62.90 Wash, 10 lks. wide, 3 ft. deep, course NW. Enter scattering timber.

77.45 Wash, 45 lks. wide, 13 ft. deep, course NW.

79.80 Wash, 12 lks. wide, 8 ft. deep, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4 and 5 and fracl. secs. 32 and 33, marked on brass cap

T42N R6W
S32 | S33
S 5 | S 4
T41N
1916

from which

A cedar, 10 ins. diam., brs. N.52 $\frac{1}{4}$ °E.,
147 lks. dist., mkd. T42N R6W S33 BT.

10

Portion of North Bdy. of T. 41 N., R. 6 W.

Chains.

- A pinyon, 10 ins. diam., brs. S.43°E.,
260 lks. dist., mkd. T41N R6W S4 BT.
- A cedar, 12 ins. diam., brs. S.67½°W.,
152 lks. dist., mkd. T41N R6W S5 BT.
- A pinyon, 10 ins. diam., brs. N.11½°W.,
424 lks. dist., mkd. T42N R6W S32 BT.

Land, gently rolling.
Soil, sandy, 2nd. rate.
Timber, scattering cedar and pinyon.
Undergrowth, sagebrush.
Scant growth of grass.

The true point for cor. of secs. 1 and 2 and fracl. secs. 35 and 36 on N. bdy. of Tp., being inaccessible, begin at the witness cor. to said cor., located by traverse thru sec. 2, as being 4.96 chs. W. of the true cor. point.

Thence
West on true line, bet. sec. 2 and fracl. sec. 35 (E.½)
Over rough, rolling land, thru scattering timber and undergrowth.

30.48

(W. from cor. point) Vertical rim rock, 800 ft. high. Impracticable to chain measurement farther West, and as the true point for ¼ sec. cor. is inaccessible, Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to ¼ sec. cor., marked on brass cap

S35
WC ¼ S 2
1916

from which

- A cedar, 10 ins. in diam., brs. N.49°W.,
47 lks. dist., marked ¼S35 WC BT.
- A pinyon, 12 ins. in diam., brs. S.76½°W.,
41 lks. dist., marked ¼S2 WC BT.

40.00

True point for ¼ sec. cor. in inaccessible position.
Land, rough rolling and mountainous.
Soil, sandy and rocky, 3rd and 4th rate.
Timber, scattering pinyon and cedar.
Undergrowth, scattering "old man" brush.
Scant growth of grass.

Survey of the
West Bdy. of Fractional T. 42 N., R. 6 W.

From the cor. of Ts. 41 N., Rs. 6 and 7 W.; and fracl. Ts. 42 N., Rs. 6 and 7 W., hereinbefore described, North bet. fracl. secs. 31 and 36.

Over rolling land, through undergrowth.
Asc. 28 ft. to

- 2.87
- 5.20
- 23.00
- 28.53
- 29.32
- 33.15
- 38.14
- 40.00

Top of small ridge, brs. NE. and SW. Desc. gradual slope.
Old road, brs. NW. and SE.
Enter very scattering cedar brush.
Road, brs. NW. and SE.
Telephone line brs. NW. to Hurricane and St. George, Utah, and SE. to Pipe Springs and Fredonia, Ariz.
Telephone line, brs. E. and W.
Road, brs. E. and W.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

¼
S36, S31
1916

Chains.

41.10 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 53.61 dist.
 Road, brs. NE. and SW.
 Intersect Arizona-Utah boundary line, 32.54 chs. east of
 the 58 mile mon., which is an iron post, 2 ins. in diam.,
 24 ins. above ground, properly mkd. and witnessed.
 At the point of intersection
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
 ground, for closing cor. of fractional Ts. 42 N., Rs.
 6 and 7 W., mkd, on brass cap

UTAH
 C C
 S36 S31
 R7W R6W
 T42N
 1916

from which
 A cedar, 12 ins. diam., brs, S.43°E.,
 58 lks. dist., mkd. T42N R6W S31 CC BT.
 A cedar, 15 ins. diam., brs, S.12°W.,
 210 lks. dist., mkd. T42N R7W S36 CC BT.
 Land, rolling.
 Soil, sandy, 36 ins. deep, 2nd rate.
 Timber, scattering scrub cedar.
 Undergrowth, scattering sagebrush and brigham brush.
 Abundant growth of grass.

Bdrs. of surveyed portion of T. 41 N., R. 6 W.

Latitudes, Departures and Closing Errors.

Line designated.	True Course	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary (10th Std. Paralle)	West.	480.00				480.00
West Boundary	North.	480.00	480.00			
North Boundary	East	79.45			79.45	
Subdivisional Boundary..	S. 0° 10' E.	80.25		80.25	.23	
	S. 89° 43' E.	80.07		.40	80.07	
	S. 0° 3' E.	80.00		80.00	.07	
	S. 89° 59' E.	79.98		.02	79.98	
	N. 89° 53' E.	80.22	.16		80.22	
	N. 0° 1' W.	80.00	80.00			.02
	S. 89° 55' E.	79.62		.11	79.62	
	S. 0° 1' E.	80.00		80.00	.02	
East Boundary	South.	320.00		320.00		
Convergency					.43	
Totals			560.16	560.97	480.13	480.02
Error in latitude				560.16	480.02	
Error in departure				.81	.11	

12. Survey of Portion of Subdivision of T. 41 N., R. 6 W.

Chains.

Survey commenced Sept. 13, 1916, and executed with Buff and Buff light mountain transit No. 10,124 and Young and Sons light mountain transit No. 8586, hereinbefore described. For tests of these instruments together with tests of their solar attachments, see beginning of notes, this book.

From the standard cor. of secs. 35 and 36, on S. bdy. of Tp., (10th Standard Parallel N.), hereinbefore described, N.0°1'W., bet. secs. 35 and 36.

40.00 Over gently rolling land, through scattering scrub cedar. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S35 | S36
 1916

from which

- A cedar, 8 ins. diam., brs. N.75 $\frac{3}{4}$ °E., 89 lks. dist., mkd. $\frac{1}{4}$ S36 BT.
- A cedar, 12 ins. diam., brs. S.52°W., 25 lks. dist., mkd. $\frac{1}{4}$ S35 BT.

64.65 Wash, 80 lks. wide, 18 ft. deep, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, mkd. on brass cap

T41N R6W
 S26 | S25
 $\frac{1}{4}$ S35 | S36
 1916

from which

- A cedar, 8 ins. diam., brs. N.37°E., 317 lks. dist., mkd. T41N R6W S25 BT.
- A cedar, 10 ins. diam., brs. S.9°E., 114 lks. dist., mkd. T41N R6W S36 BT.
- A cedar, 14 ins. diam., brs. S.2 $\frac{1}{2}$ °W., 94 lks. dist., mkd. T41N R6W S35 BT.
- A cedar, 10 ins. diam., brs. N.65 $\frac{1}{2}$ °W., 116 lks. dist., mkd. T41N R6W S26 BT.

Land, gently rolling.
 Soil, sandy loam, 1st rate.
 Timber, scattering scrub cedar.
 Undergrowth, scattering sagebrush.
 Good growth of grass.

40.00 East on a random line, bet. secs. 25 and 36.
 80.12 Set temp. $\frac{1}{4}$ sec. cor.

Intersect E. bdy. of Tp., 10 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor-General.

Thence

N.89°56'W., on a true line, bet. secs. 25 and 36. Over gently rolling land, through scattering scrub timber and undergrowth.

- 3.12 Brush fence, brs. N. and S.
- 3.77 Wash, 50 lks. wide, 10 ft. deep, course NW. Asc. gradually.
- 15.12 Top of small ridge, brs. N. and S. Desc. gradual slope.
- 38.12 Road, brs. NE. to Cane Bed Springs and SW. to Pipe Springs and Fredonia.
- 40.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S25
 $\frac{1}{4}$ S36
 1916

Portion of Subdivision of T. 41 N., R. 6 W. 13

Chains
 from which,
 A cedar, 14 ins. diam., brs. N. $51\frac{1}{2}^{\circ}$ E.,
 382 lks. dist.; mkd. $\frac{1}{4}$ S 25 B T.
 A cedar, 42 ins. diam., brs. S. $52\frac{1}{2}^{\circ}$ W.,
 173 lks. dist.; mkd. $\frac{1}{4}$ S 36 B T.
 80.12 The cor. of secs. 25, 26, 35 and 36.
 Land, gently rolling.
 Soil, sandy loam, 1st rate, and sandy and gravelly 3rd rate.
 Timber, scrub cedar.
 Undergrowth, scattering sagebrush.
 Fair growth of grass.

N. 0° 1' W. bet. secs. 25 and 26.
 Over gently rolling land, through scattering scrub timber
 and undergrowth.
 5.00 Top of small sand ridge brs. N. and W.
 23.50 Leave scattering scrub cedar timber.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \hline S26 | S25 \\ \hline 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.
 47.65 Stake fence brs. NW. and SE.
 50.50 Wash, 18 lks. wide, 4 ft. deep, course SW.
 78.20 Wash, 30 lks. wide, 6 ft. deep, course W.
 79.00 Road brs. NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 23, 24, 25 and 26, mkd. on
 brass cap

$$\begin{array}{c} T41N R 6W \\ \hline S23 | S24 \\ \hline S26 | S25 \\ \hline 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
 Land, gently rolling.
 Soil, sandy loam, 1st rate.
 Timber, scattering scrub cedar.
 Undergrowth, scattering sagebrush $1\frac{1}{2}$ ft. high.
 Abundant grass.

40.00 Past on a random line bet. secs. 24 and 25.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.03 Intersect E. bdy. of Tp., 15 lks. N. of cor. of secs. 19,
 24, 25 and 30, which is an iron post, 3 ins. diam.,
 properly set, mkd. and witnessed as described by the
 Surveyor General.
 Thence
 N. 89° 54' W. on a true line bet. secs. 24 and 25.
 Over gently rolling land, through scattering undergrowth.
 19.70 Road brs. N. and S.
 19.80 Wire fence brs. N. and S.
 40.01 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{c} S 24 \\ \hline \frac{1}{4} S 25 \\ \hline 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.

14 Portion of Subdivision of T. 41 N. R. 6 W.

Chains

From this cor. Newel Palmer's house brs. N. 40½° E.
 Mrs. Allen's house brs. N. 19° E.
 Jos. T. Wilkinson's house brs. N. 5° 40' W.
 Wash, 8 lks. wide, 2 ft. deep, course NW.
 Wire fence brs. N. and S.
 Wagon road brs. NW. and SE.
 Wagon road brs. NE. and SW.
 The cor. of secs. 23, 24, 25 and 26.
 Land, gently rolling.
 Soil, sandy loam, 1st rate.
 Timber, none.
 Undergrowth, scattering sage and brigham brush.
 Grass, abundant.

43.10
 59.40
 61.40
 65.30
 80.03

N. 0° 1' W. bet. secs. 23 and 24.
 Over rolling land, through scattering undergrowth.
 Asc. gradual slope.
 Top of small sandy ridge brs. E. and W. Desc. 42 ft. to
 Wash, 25 lks. wide, 6 ft. deep, course SW.
 Road brs. NE. and SW.
 Road brs. NE. and SW.
 Water pipe line brs. NE. and SW.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., mkd. on brass cap

17.00
 27.70
 28.10
 36.55
 38.10
 40.00

1/4
 S23 | S24
 1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

From this cor., Mrs. Stoch's house brs. S. 81° W.
 Noe Allen's tents bear N. 60° W.
 Wire fence brs. E. and W.
 Road brs. NE. and SW.
 Wash, 30 lks. wide, 4 ft. deep, course SW.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 13, 14, 23 and 24, mkd. on
 brass cap

40.28
 54.50
 66.07
 80.60

T41N R 6W
 S14 | S13
 S23 | S24
 1916

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.
 From this cor. Joe Allen's house brs. S. 49° W.
 Mrs. Stoch's house brs. S. 34° W.
 Land, rolling.
 Soil, sandy loam, 36 ins. deep, 1st rate.
 No timber.
 Undergrowth, sagebrush and brigham brush.
 Grass, abundant.

40.00
 79.96

S. 89° 54' E. on a random line bet. secs. 13 and 24.
 Set temp. ¼ sec. cor.
 Intersect E. bdy. of Tp., at the cor. of secs. 13, 18,
 19 and 24, which is an iron post, 3 ins. diam.,
 properly set, mkd. and witnessed as described by the
 Surveyor General.

33.00
 39.80

Thence
 N. 89° 54' W. on a true line bet. secs. 13 and 24.
 Over rolling land, through scattering undergrowth.
 Wash, 20 lks. wide, 5 ft. deep, course SW.
 Road brs. N. and S.

Chains.

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

$\frac{1}{4}$ S13
S24
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

From this cor., Jos. T. Wilkinson's house brs. S.18 $\frac{1}{2}$ °W.

Newell Palmer's house brs. S.73 $\frac{1}{2}$ °E.

Mrs. Allen's house brs. S.52 $\frac{3}{4}$ °E.

44.00 William Scott's house brs. N. 4 chs. dist.

60.00 Corners of wire fences bear N. and S., 50 lks. dist.

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

Land, gently rolling.

Soil, sandy, 2nd rate.

No timber.

Undergrowth, scattering sagebrush.

Abundant grass.

N.0°1'W., bet. secs. 13 and 14.

Over gently rolling land, through scattering undergrowth.

39.83 Wire fence, brs. E. and W.

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

$\frac{1}{4}$
S14 | S13
1916

from which

A cedar, 14 ins. diam., brs. S.20 $\frac{1}{4}$ °E.,
483 lks. dist., mkd. $\frac{1}{4}$ S13 BT.

A cedar, 12 ins. diam., brs. S.21°W.,
238 lks. dist., mkd. $\frac{1}{4}$ S14 BT.

49.75 Old road, brs. E. and W.

53.27 Wash, 50 lks. wide, 7 ft. deep, course SW.

66.00 Enter scrub cedar and pinyon timber.

71.00 Foot of Vermillion Cliffs. Asc. 254 ft. to

77.92 Top of first cliffs, brs. E. and W. Asc. 33 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 11, 12, 13 and 14, mkd. on brass cap

T41N R6W
S11 | S12
S14 | S13
1916.

from which

A cedar, 12 ins. diam., brs. N.62 $\frac{1}{2}$ °E.,
44 lks. dist., mkd. T41N R6W S12 BT.

A pinyon, 5 ins. diam., brs. S.19°E.,
38 lks. dist., mkd. T41N R6W S13 BT.

A pinyon, 10 ins. diam., brs. S.37 $\frac{1}{2}$ °W.,
16 lks. dist., mkd. T41N R6W S14 BT.

A pinyon, 10 ins. diam., brs. N.62 $\frac{1}{2}$ °W.,
120 lks. dist., mkd. T41N R6W S11 BT.

Land, rolling and mountainous.

Soil, sandy loam, 1st rate and rocky, 3rd rate.

Timber, scattering scrub cedar and pinyon.

Undergrowth, scattering sagebrush, 2 ft. high.

Abundant growth of grass.

30.00 S.89°54'E., on a random line, bet. secs. 12 and 13.
Foot of high cliff. Impracticable to continue chaining E. of
of this point. Set temp. stake marked "A" on diagram
below. Proceed to cor. of secs. 7, 12, 13 and 18, on

16. Portion of Subdivision of T. 41 N., R. 6 W.

Chains.

E. bdy. of Tp. Thence N. 89° 54' W. on random line, bet. secs. 12 and 13, for a dist. of 31.55 chs., where edge of rim rock makes further chaining W. impracticable. Set temp. stake marked "B" on diagram below. From point "B", the bearing to point "A" is N. 89° 44' W. To obtain dist. bet. points "A" and "B", triangulate as follows:

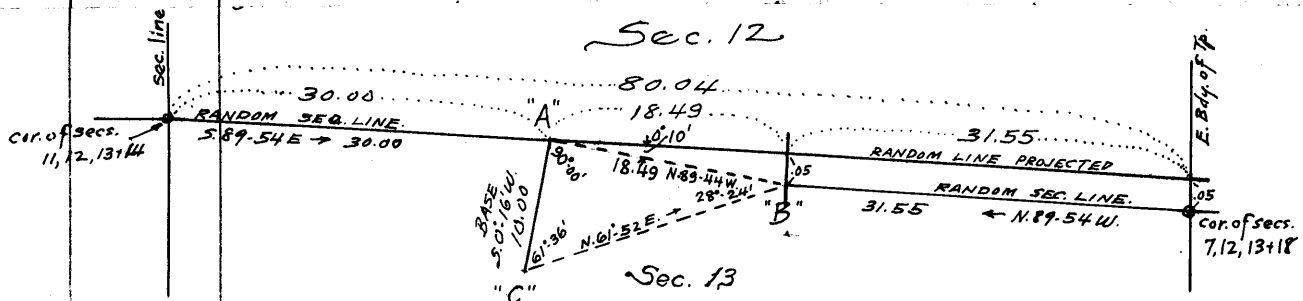
From point "A", measure a base S. 0° 16' W., 10 chs. to point "C". From S. end of base, point "B" brs. N. 61° 52' E. The included angles of the triangle ABC are 90° 00', 28° 24' and 61° 36', the sum of which is 180° 00'.

Length of line "A-B" = tan. 61° 36' X base or 1.84946 X 10.00 = 18.49 chs.

Angle bet. W. portion of random line projected and line "A-B" = 89° 54' - 89° 44' = 0° 10'.

Falling of W. portion of random line projected to a point N. of point "B" = sine 0° 10' X "A-B" or .00291 X 18.49 = .05 chs., or 5 lks., which is also the falling of random line projected to an intersection with N. and S. line thru cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp.

Length of random line = 30.00 chs. + 18.49 chs. + 31.55 chs. = 80.04 chs.



80.04 Fall 5 lks. N. of cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp., which is a 3 in. iron post, with brass cap, firmly set, marked and witnessed as described by the Surveyor-General.

Thence N. 89° 52' W. on a true line, bet. secs. 12 and 13. Over rolling and mountainous land, thru scattering timber and undergrowth.

Desc. 86 ft. to Bottom of gulch, course SE. Asc. 294 ft. to Small ledge of rock, brs. N. and S. Asc. 73 ft. to Top of sand ridge, brs. N. and S. Desc. 118 ft. to Edge of rim rock, 2 lks. N. of Station "B" of triangulation, hereinbefore described. Desc. 675 ft. to 1/4 sec. cor. From a point 2 lks. S. of station "A" of said triangulation, chain measurement S. 89° 52' E., 10.02 chs. to Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

50.02 1916 from which

A cedar, 16 ins. diam., brs. N. 64 1/2° W., 74 lks. dist., mkd. 1/4 SL2 BT. A pinyon, 18 ins. diam., brs. S. 2° W., 64 lks. dist., mkd. 1/4 SL3 BT.

50.04 Desc. 125 ft. to Foot of cliff, 2 lks. S. of Station "B" of triangulation hereinbefore described.

51.38 Wash, 75 lks. wide, 10 ft. deep, course SW. Asc. 244 ft. over ledges, as follows:

67.70 Top of rocky ledge, brs. S. 68.80 Top of rocky ledge, brs. S. 74.85 Top of ascent. Point of vertical rim rock, 100 ft. high, brs. N. 1 ch. dist. Thence over rolling and broken land.

Portion of Subdivision of T. 41 N., R. 6 W.

Chains.
 77.80 Wire fence, brs. N. and S.
 78.20 Top of cliff, brs. N. and S. Desc. 61 ft.
 78.90 Boulder on line, 20 ft. high, 60 ft. square.
 80.04 The cor. of secs. 11, 12, 13 and 14.
 Land, mountainous.
 Soil, rocky, 3rd and 4th rates
 Timber, scattering scrub cedar and pinyon.
 Undergrowth, sagebrush.
 Scant growth of grass.

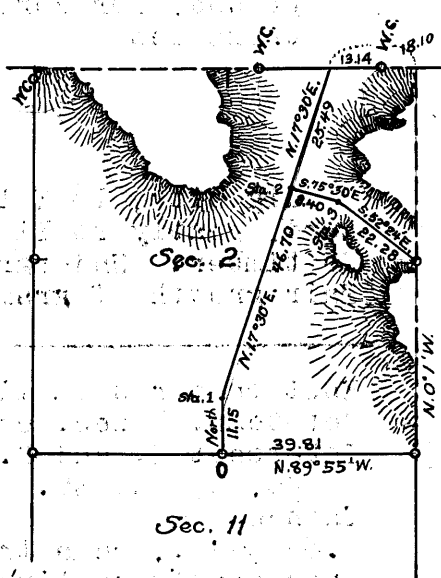
N. 0° 1' W., bet. secs. 11 and 12.
 Over broken W. slope of Vermillion Cliffs, through scattering timber and undergrowth.
 Desc. 258 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap
 S 11 | S 12
 1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 74.00 Leave scattering timber. Enter open land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, mkd. on brass cap
 T 41 N R 6 W
 S 2 | S 1
 S 11 | S 12
 1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
 Land, mountainous and rolling.
 Soil, sandy 1st and 2nd rates.
 Timber, scattering scrub cedar and pinyon.
 Undergrowth, cactus, broom weed and sagebrush.
 No grass.

Line bet. secs. 1 and 12, is impracticable to survey.

A vertical rim rock, 800 ft. high, the top of which is inaccessible, renders measurement by chaining impracticable on line bet. secs. 1 and 2, therefore obtain the measurement by traverse described as follows:
 Begin at 1/4 sec. cor. of secs. 2 and 11, which is set at 39.81 chs. N. 89° 55' W. from the cor. of secs. 1, 2, 11 and 12. Thence from said 1/4 sec. cor. (Station "0"), North, 11.15 chs. to Station 1; thence N. 17° 30' E., 46.70 chs. to Station 2; thence S. 75° 30' E., 8.40 chs. to Station 3; thence S. 52° 15' E., 22.26 chs. to (N. 0° 1' W. from cor. of secs. 1, 2, 11 and 12)
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap
 S 2 | S 1
 1916



18. Portion of Subdivision of T. 41 N., R. 6 W.

Chains.	
80.00	<p>from which</p> <p>A pinyon, 10 ins. diam., brs. S. 30° E., 47 lks. dist., mkd. 1/2 SI BT.</p> <p>A pinyon, 6 ins. diam., brs. S. 65° W., 26 lks. dist., mkd. 1/2 S2 BT.</p> <p>Return to Station 2 on above described traverse line, and continue traverse as follows: N. 17° 30' E., 25.43 chs., to a point on N. bdy. of Tp., 18.10 chs. W. of</p> <p>True point for cor. of secs. 1 and 2 and fracl. secs. 35 and 36, in an inaccessible position, N. 0° 1' W. from cor. of secs. 1, 2, 11 and 12. Therefore, from intersection of traverse line with Tp. bdy., measure East 13.14 chs. on N. bdy. of Tp., to foot of rim rock, at 4.96 chs. W. from true sec. cor. point and as near to said cor. point as is practicable for the setting of W. C. and Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to cor. of secs. 1 and 2 and frac. secs. 35 and 36, marked on brass cap</p> <p style="text-align: center;">T42N R6W S35 S36 ----- S 2 S 1 WC T41N 1916</p>
35.55	<p>and raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p> <p>Land, rough mountainous. Soil, sandy and rocky, 3rd rate. Timber, scattering cedar and pinyon in canyons. Undergrowth, "old man" brush in canyons. Poor growth of grass.</p>
40.00	<p>From the standard cor. of secs. 34 and 35, on S. bdy. of Tp., (10th. Standard Par. N.), hereinbefore described, N. 0° 1' W., bet. secs. 34 and 35.</p> <p>Over gently rolling land, through scattering undergrowth. Road, brs. NW. to Hurricane and St. George, Utah, and SE. to Pipe Springs and Fredonia, Ariz.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap</p> <p style="text-align: center;">S34 S35 ----- 1916</p>
55.92	<p>Telephone line, brs. S. 35° E. and N. 35° W., St. George, Utah, to Fredonia, Ariz.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, mkd. on brass cap</p> <p style="text-align: center;">T41N R6W S27 S26 ----- S34 S35 ----- 1916</p> <p>dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.</p> <p>Land, gently rolling. Soil, sandy, 1st rate. No timber. Undergrowth, cactus and white sagebrush. Fair growth of gramma grass.</p>
40.00	<p>East on a random line, bet. secs. 26 and 35.</p>
79.72	<p>Set temp. 1/4 sec. cor.</p> <p>Intersect N. and S. line, 2 lks. S. of cor. of secs. 25, 26, 35 and 36.</p> <p>Thence S. 89° 59' W., on a true line, bet. secs. 26 and 35. Over gently rolling land, through scattering timber and undergrowth.</p>
4.70	<p>Leave timber, brs. N. and S.</p>
10.45	<p>Road, brs. NW. and SE.</p>

Portion of Subdivision of T. 41 N., R. 6 W. 19.

Chains.	
14.30	Ditch, 15 lks. wide, course NW.
22.50	Road, brs. N. and S.
32.10	Road, brs. N. and S.
39.86	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
	$\frac{1}{4}$ S26
	$\frac{1}{4}$ S35
	1916
79.72	dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist. The cor. of secs. 26, 27, 34 and 35. Land, gently rolling. Soil, sandy, 1st rate. Timber, cedar and pinon. Undergrowth, cactus and sagebrush. Fair growth of gramma grass.
	N.0°1'W., bet. secs. 26 and 27. Over gently rolling land, through scattering undergrowth. Road, brs. NE. and SW.
5.00	Ditch, 20 lks. wide, course NW.
11.86	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
40.00	$\frac{1}{4}$ S27 S26
	1916
45.00	dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
	Ditch, 10 lks. wide, course W.
60.67	3-strand wire fence, brs. NW. and SE.
76.68	3-strand wire fence, brs. E. and W.
78.20	Ditch, 25 lks. wide, course W.
80.00	Road, brs. E. and W. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, mkd. on brass cap
	T41N R6W
	S22 S23
	S27 S26
	1916
	dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist. Land, gently rolling. Soil, slightly sandy, 1st rate. No timber. Undergrowth, cactus and white sagebrush. Good growth of gramma grass.
	N.89°59'E., on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
40.00	Intersect N. and S. line, 16 lks. N. of the cor. of secs. 23, 24, 25 and 26.
79.78	Thence N.89°54'W., on a true line, bet. secs. 23 and 26. Over gently rolling land, through scattering undergrowth.
10.90	Old road, brs. NW. and SE.
12.60	Wash, 25 lks. wide, 6 ft. deep, course NW.
17.80	Wire fence, brs. N. and S.
17.90	Enter cultivated land.
36.40	Leave cultivated land.
36.85	J. H. Thurston's house brs. S. 20 lks. dist.
37.54	Stake fence brs. NW. and SE.
39.45	Old road, brs. NW. and SE.
39.89	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
	$\frac{1}{4}$ S23
	S26
	1916
	dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
44.20	Lower cane beds; water canals bear N. 4 chs. dist.
49.10	Wagon road, brs. N. and S.
57.50	Wire fence, brs. NW. and SE.
61.55	Dell Stock's house brs. N. 450 lks. dist.
75.35	Wire fence, brs. NE. and SW.
75.65	Wash, 30 lks. wide, 8 ft. deep, course SW.

20. Portion of Subdivision of T. 41 N., R. 6 W.

<p>Chains. 79.78</p>	<p>The cor. of secs. 22, 23, 26 and 27. Land, gently rolling. Soil, sandy loam, 1st rate. No timber. Undergrowth, scattering sagebrush and cactus. Good growth of grass.</p>
<p>21.58 35.40 40.00</p>	<p>N.0°1'W., bet. secs. 22 and 23. Over gently rolling land, through scattering undergrowth. Road, brs. E. and W. Wash, 75 lks. wide, course SW. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap</p>
<p>59.35 79.35 80.00</p>	<p>S22°S23 1916 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist. 4-strand wire fence, brs. NW. and SE. Road, brs. E. and W. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, mkd. on brass cap T14N R6W S15 S14 S22 S23 1916</p>
<p>40.00 79.80 21.05 25.35 39.90</p>	<p>S.89°54'E., on a random line, bet. secs. 14 and 23. Set temp. 1/4 sec. cor. Intersect the cor. of secs. 13, 14, 23 and 24. Thence N.89°54'W., on a true line, bet. secs. 14 and 23. Over gently rolling land, through scattering undergrowth. 4-strand wire fence, brs. N. and S. Wash, 15 lks wide, course SE. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap</p>
<p>51.25 54.80 78.20 79.80</p>	<p>1/4 S14 1/4 S23 1916 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist. 4-strand wire fence, brs. N. and S. Wash, 10 lks. wide, course S. Road, brs. N. and S. The cor. of secs. 14, 15, 22 and 23. Land, gently rolling. Soil, sandy, 1st rate. No timber. Undergrowth, cactus and white sagebrush. Poor growth of grass.</p>
<p>23.45 40.00</p>	<p>N.0°1'W., bet. secs. 14 and 15. Over gently rolling land, through scattering undergrowth. Wash, 10 lks. wide, course SE. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap</p>

Portion of Subdivision of T. 41 N., R. 6 W. 21

Chains

$\frac{1}{4}$
S15 | S14
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
57.40 Ditch, 5 lks. wide, course SW.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, mkd. on brass cap

T41N.R 6W
S10 | S11
S15 | S14
1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
Land, gently rolling.
Soil, very sandy, 1st rate.
No timber.
Undergrowth, cactus and sagebrush.
No grass.

40.00 S. 89° 54' E. on a random line bet. secs. 11 and 14.
Set temp. $\frac{1}{4}$ sec. cor.
79.74 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.
Thence
N. 89° 57' W. on a true line bet. secs. 11 and 14.
Over gently rolling land, through scattering undergrowth.
Desc. 265 ft. to
7.64 Base of Vermillion Cliffs. Thence over level land.
18.04 Ditch, 5 lks. wide, course S.
26.34 Ditch, 5 lks. wide, course S.
38.87 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 11
 $\frac{1}{4}$ S 14
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3ft. dist.
71.34 Ditch, 6 lks. wide, course S.
75.14 Ditch 5 lks. wide, course S.
79.74 The cor. of secs. 10, 11, 14 and 15.
Land, rolling and mountainous E. 7 chs., remainder level.
Soil, sandy and rocky, 1st and 3rd rates.
No timber.
Undergrowth, cactus and sagebrush.
No grass.

N. 0° 1' W. bet. secs. 10 and 11.
Over gently rolling land, through very scattering undergrowth.
33.25 Road brs. NE. and SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S10 | S11
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

22

Portion of Subdivision of T. 41 N., R. 6 W.

Chains

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, mkd. on brass cap

T41N R 6W

S 3 | S 2

S10 | S11

1916

dig pits, 18 X 18 X 12 ins., in each sec., 5¹/₂ ft. dist.
Land, gently rolling and level.
Soil, sandy, 1st rate.
No timber.
Undergrowth, scattering cactus and white sagebrush.
No grass.

40.00

S. 89° 57' E. on a random line bet. secs. 2 and 11.
Set temp. ¹/₄ sec. cor.

79.62

Intersect N. and S. line, 4 lks. N. of cor. of of the cor. of secs. 1, 2, 11 and 12.

Thence

N. 89° 55' W. on a true line bet. secs. 2 and 11.

6.30

Over gently rolling land, through scattering undergrowth.
Wash, 45 lks. wide, course SW.

39.81

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¹/₄ sec. cor. mkd. on brass cap

¹/₄S 2¹/₄S 11

1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

40.10

Ditch, 6 lks. wide, course S.

53.39

Ditch, 5 lks. wide, course S.

77.30

Road brs. N. and S.

79.62

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

Land, gently rolling.

Soil, very sandy, 2nd rate.

No timber.

Undergrowth, cactus and white sagebrush.

On account of the impracticability of surveying the N. bdy. of secs. 2 and 3,

N. 0° 1' W. on a true line bet. secs. 2 and 3.

Over rolling land, through scattering timber and undergrowth.

13.75

Wash, 15 lks. wide, 4 ft. deep, course E.

30.00

Foot of cliff brs. NE. and SW. Asc. 114 ft. to

34.83

Top of rocky spur brs. E. 2 chs. dist. Thence over gently rolling land.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¹/₄ sec. cor., mkd. on brass cap.

S 3 | S 2

1916

from which,

A cedar, 18 ins. diam., brs. S. 56¹/₂° E.

7 lks. dist.; mkd. ¹/₄ S 2 B T.

A pinyon, 10 ins. diam., brs. S. 20° W.

94 lks. dist.; mkd. ¹/₄ S 3 B T.

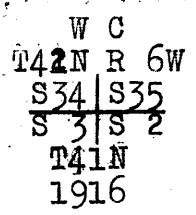
Desc. 75 ft. to

49.93

Foot of cliff brs. NW. and SE.

Portion of Subdivision of T. 41 N., R. 6 W. 23

Chains
 63.00 Middle of wash, 2 chs. wide, course SE.
 68.41 Foot of cliffs brs. NW. and SE. Asc. 151 ft. to
 77.55 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for witness cor. to cor. of secs. 2 and 3, and
 fracl. secs. 34 and 35, marked on brass cap.

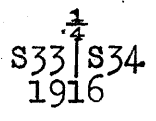


from which,
 A pinyon, 14 ins. diam., brs. N. 74½° E. 54 lks.
 dist.; mkd. T 41 N R 6 W S 35 W C B T.
 A pinyon, 10 ins. diam., brs. S. 25½° E.
 99 lks. dist.; mkd. T 41 N R 6 W S 2 B T.
 A pinyon, 12 ins. diam., brs. S. 52° W. 60 lks.
 dist.; mkd. T 41 N R 6 W S 3 W C B T.
 A pinyon, 12 ins. diam., brs. N. 22° W.
 92 lks. dist.; mkd. T 41 N R 6 W S 34 W C B T.

80.00 True point for cor. of secs. 2 and 3 and fracl. secs. 34
 and 35 is inaccessible. Timber, scattering pinyon and cedar.
 Undergrowth, cactus and sagebrush, and scrub oak.
 Poor growth of grass. Land, rolling and mountainous.
 Soil, sandy and rocky, 1st and 3rd rates.

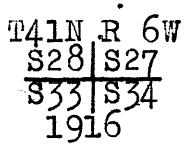
From the standard cor. of secs. 33 and 34, on the S. bdy. of,
 Tp. (10th Std. Par. N.) hereinbefore described,
 N. 0° 2' W. bet. secs. 33 and 34.

40.00 Over gently rolling land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., mkd. on brass cap



dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.

61.70 Road brs. NW. and SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 27, 28, 33 and 34, mkd. on
 brass cap



dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.
 Land, gently rolling.
 Soil, sandy 1st rate.
 No timber.
 Undergrowth, cactus and white sagebrush.
 Abundant gamma grass.

40.00 East on a random line bet. secs. 27 and 34.
 Set temp. ¼ sec. cor.
 80.00 Intersect N. and S. line, 3 lks. S. of cor. of secs. 26,
 27, 34 and 35.
 Thence
 S. 89° 59' W. on a true line bet. secs. 27 and 34.
 Over gently rolling land, through scattering undergrowth.
 2.30 Road brs. NE. and SW.

24

Portion of Subdivision of T. 41 N., R. 6 W.

Chains
 19.25 Telephone line brs. N. 35° W. and S. 35° E., St. George, and Hurricane, Utah, to Pipe Springs and Fredonia, Ariz.
 37.20 Road brs. NW. and SE., St. George and Hurricane, Utah, to Pipe Springs and Fredonia, Ariz. diam., 26 ins. in the
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S 27
 4S 34
 1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

80.00 The cor. of secs. 27, 28, 33 and 34.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, cactus and white sagebrush, shadscale.
 Abundant gramma grass.

N. 0° 2' W. bet. secs. 27 and 28.
 Over gently rolling land, through scattering undergrowth.
 38.70 Road brs. NW. to Hurricane and St. George, Utah, and SE. to Pipe Springs and Fredonia, Ariz., 26 ins. in the
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S28 | S27
 1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

58.20 Wash, 50 lks. wide, course SW.
 65.24 Road brs. E. and W.
 70.00 Ditch, 10 lks. wide, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, mkd. on brass cap

T41N R 6W
 S21 | S22
 S28 | S27
 1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, cactus, white sagebrush and shadscale.
 Abundant gramma grass.

40.00 N. 89° 59' E. on a random line bet. secs. 22 and 27.
 Set temp. 1/4 sec. cor.
 80.00 Intersect the corner of sections 22, 23, 26 and 27.

Thence
 S. 89° 59' W. on a true line bet. secs. 22 and 27.
 Over gently rolling land, through scattering undergrowth.

6.06 3-strand wire fence brs. N. and S.
 24.70 3-strand wire fence brs. N. and S., house brs. S. 1 ch. dist.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S 22
 4S 27
 1916

Portion of Subdivision of T. 41 N., R. 6 W. 25

Chains

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

- 63.23 Wash, 30 lks. wide, course SW.
- 73.65 Telephone line brs. N. 35° W. to Hurricane and St. George Utah, and S. 35° E. to Pipe Springs & Fredonia, Arizona.
- 80.00 The cor. of secs. 21, 22, 27 and 28.
Land, gently rolling.
Soil, sandy, 1st rate.
No timber.
Undergrowth, sagebrush, cactus and shadscale.
Abundant gramma grass.

N. 0° 2' W. bet. secs. 21 and 22.
Over gently rolling land, through scattering undergrowth.
Telephone line brs. N. 35° W. to Hurricane & St. George Utah, and S. 35° E. to Pipe Springs & Fredonia, Arizona.

- 9.00
- 34.85 NW. cor. of Chas. Cox's tent-house brs. S. 35° 35' W.
- 40.00 SW. cor. of Mrs. Isabel Gallagher's house brs. S. 71° 57' W.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for corsec. cor., mkd. on brass cap,

.1
S21 | S22
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

- 45.61 Road brs. E. and W.
- 50.36 Road brs. SE. and NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, mkd. on brass cap

T41N-R 6W
S16 | S15
S21 | S22
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5; ft. dist.
Land, gently rolling.
Soil, sandy, 1st rate.
No timber.
Undergrowth, cactus, white sagebrush and shadscale.
Abundant gramma grass.

- 40.00 N. 89° 59' E. on a random line bet. secs. 15 and 22.
Set antemp. 1/4 sec. cor.
- 80.00 Intersect N. 89° 59' E. line at the cor. of secs. 14, 15, 22 and 23.

Thence
S. 89° 59' W. on a true line bet. secs. 15 and 22.
Over level land, through scattering undergrowth.

- 15.90 4-strand wire fence, brs. N. and S.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S 15
S 22
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3ft. dist.

- 80.00 The cor. of secs. 15, 16, 21 and 22.
Land, level and gently rolling.
Soil, sandy, 1st rate.

26

Portion of Subdivision of T. 41 N., R. 6 W.

Chains

No timber.
Undergrowth, cactus and white sagebrush.
No grass.

5.20 N. 0° 2' W. bet. secs. 15 and 16.
Over rolling land, through scattering undergrowth.
40.00 Wash, 60 lks. wide, course SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S16 | S15
 1916

dig. pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

46.00 Enter scattering timber.
61.50 Road brs. E. and W.
71.70 4-strand wire fence brs. NW. and SE.
73.90 Wash, 50 lks. wide, course SE,
77.00 Base of Vermillion Cliffs. Asc. 28 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in a mound of stone, for cor. of secs. 9, 10, 15 and 16, mkd. on brass cap

T41N R 6W
 S 9 | S10
 S16 | S15
 1916

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

Land, rolling and mountainous.
Soil, sandy, 1st rate.
Timber, scattering cedar and pinyon.
Undergrowth, cactus and sagebrush.
Fair growth of grass.

40.00 N. 89° 59' E. on a random line bet. secs. 10 and 15.
Set temp. $\frac{1}{4}$ sec. cor.
80.22 Intersect N. and S. line, 14 lks. S. of cor. of secs. 10, 11, 14 and 15.

Thence
S. 89° 53' W. on a true line bet. secs. 10 and 15.
Over rolling land, through scattering undergrowth.

17.52 Road brs. SW. and NE.
20.20 Enter scattering growth of timber, brs. E. and W.
36.82 Wash, 10 lks. wide, course S.
40.11 Set an iron post, 3ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 10
 $\frac{1}{4}$ S 15
 1916

from which,
A cedar, 18 ins. diam., brs. N. 84 $\frac{1}{2}$ ° E.
280 lks. dist.; mkd. $\frac{1}{4}$ S 10 B T.
A cedar, 18 ins. diam., brs. S. 82 $\frac{3}{4}$ ° E.
130 lks. dist.; mkd. $\frac{1}{4}$ S 15 B T.

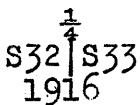
48.22 Enter broken land.
54.45 Ditch, 7 lks. wide, course SW.
60.42 Wash, 40 lks. wide, course SE.
70.11 Over broken S. slope to
80.22 The cor. of secs. 9, 10, 15 and 16.

Portion of Subdivision of T. 41 N., R. 6 W. 27

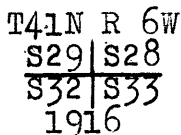
Chains

Land, rolling and broken.
Soil, sandy and rocky, 1st and 4th rates.
Timber, scattering cedar and pinyon.
Undergrowth, cactus, sagebrush and shadscale.
No grass.

From the standard cor. of secs. 32 and 33, on S. bdy. of Tp.,
(10th Standard Parallel North), hereinbefore described,
N. 0° 3' W. bet. secs. 32 and 33.
Over gently rolling land, through scattering undergrowth.
11.00 Ditch, 10 lks. wide, course NW.
14.00 Ditch, 10 lks. wide, course W.
32.05 Road brs. SE. and NW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground; for 1/4 sec. cor.; mkd. on brass cap

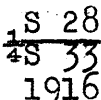


dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.;
55.00 Draw, 1 ch. wide, course W.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 28, 29, 32 and 33, mkd. on
brass cap



dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
Land, gently rolling.
Soil, sandy, 1st rate.
No timber.
Undergrowth, cactus, white sagebrush and shadscale.
Abundant gramma grass.

40.00 East on a random line bet. secs. 28 and 33.
Set temp. 1/4 sec. cor.
80.00 Intersect N. and S. line, 5 lks. S. of cor. of secs. 27,
28, 33 and 34.
Thence
S. 89° 58' W. on a true line bet. secs. 28 and 33.
Over nearly level land, through scattering undergrowth.
12.25 Road brs. NW. and SE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., mkd. on brass cap



dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.
80.00 The cor. of secs. 28, 29, 33 and 33.
Land, gently rolling.
Soil, sandy, 1st rate.
No timber.
Undergrowth, cactus and white sagebrush.
Abundant gramma grass.

28

Portion of Subdivision of T. 41 N., R. 6 W.

Chains

40.00 N. 0° 3' W. bet. secs. 28 and 29.
 Over gently rolling land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., mkd. on brass cap

1/4
 S29 | S28
 1916

65.37 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 67.79 dist.

70.64 Road brs. E. and W.
 80.00 Wash, 50 lks. wide, course W.
 Wash, 12 lks. wide, course W.

79.50 True point for cor. of secs. 20, 21, 28 and 29, falls in
 wash, 25 lks. wide, course W., therefore at
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, witness cor. to cor. of secs. 20, 21, 28 and
 29, mkd. on brass cap

W C
 T41N R 6W
 S20 | S21
 S29 | S28
 1916

dig pits, 18 X 18 X 12 ins., NE., SE., SW. and NW. of
 cor., 5 1/2 ft. dist. From this cor. SE. cor. of Mrs. Isabel
 Land, gently rolling. (Gallagher's house brs. N. 54° 55' E. NW.
 Soil, sandy, 1st rate. (cor. of J. H. Gallagher's house brs.
 No timber. (N. 45° 5' E.
 Undergrowth, scattering cactus, white sagebrush and
 shadscale.

40.00 From the true point for cor. of secs. 20, 21, 28 and 29,
 N. 89° 58' E. on a random line bet. secs. 21 and 28.
 80.00 Set temp. 1/4 sec. cor.
 Intersect N. and S. line, 3 lks. N. of cor. of secs.
 21, 22, 27 and 28.

15.20 Thence
 31.40 S. 89° 59' W. on a true line bet. secs. 21 and 28.
 40.00 Over gently rolling land, through scattering undergrowth,
 Road brs. NW. and SE.
 Road, brs. NW. to Hurricane & St. George, Utah, & SE. to Pipe Springs & Fredonia, Ariz.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., mkd. on brass cap

1S 21
 4S 28
 1916

56.85 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 60.90 dist.
 64.20 Wash, 20 lks. wide, course SW.
 80.00 Wash, 10 lks. wide, course SW.
 Road brs. NE. and SW.
 True point for cor. of secs. 20, 21, 28 and 29.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, cactus, white sagebrush and shadscale.
 Abundant gramma grass.

From true point for cor. of secs. 20, 21, 28 and 29,
 N. 0° 3' W. bet. secs. 20 and 21.

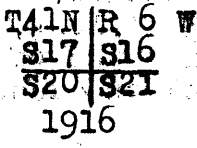
Portion of Subdivision of Township 41 North Range 6 West 20

Chains.

- 18.30 Over gently rolling land, thru scattering undergrowth.
- 25.00 Road brs. NW and SE.
- 33.30 Ditch, 5 lks. wide, course W.
- 37.30 Road, brs. NW to Hurricane & St. George, Utah, and SE. to Pipe Springs & Fredonia, Ariz.
- 40.00 Road, brs. NW and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

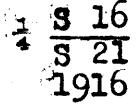


- 46.60 Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., 2-strand wire fence, W. of line, 240 lks. dist. brs. N. and S. NW. cor. of J. H. Gallagher's house brs. S. 46° 35' E. NW. cor. of Chas. Cox's house brs. S. 54° 51' E.
- 64.95 Road brs. NW and SE.
- 68.60 Road brs. N. and SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap,



Dig pits, 18x18x12 ins., in each sec. 5 1/2 ft. dist., From this cor., SE. cor. Crawford's house brs. N. 22° 10' E. Land, gently rolling. Soil, sandy, 1st rate. No timber. Undergrowth, cactus. Abundant gramma grass.

- 40.00 N. 89° 59' E., on a random line, bet. secs. 16 and 21.
- 79.96 Set temp. 1/4 sec. cor. Intersect N. and S. line, 5 lks. S. of the cor. of secs. 15, 16, 21 and 22.
- 4.00 Thence, S. 89° 57' W., on a true line, bet. secs. 16 and 21. Over gently rolling land, thru scattering undergrowth.
- 39.98 Wash, 30 lks. wide, course SW. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



- 46.26 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., Road brs. NW and SE.
- 50.06 Telephone line brs. N. 35° W. to Hurricane & St. George, Utah, & S. 35° E. to Pipe Springs & Fredonia, Arizona.
- 73.36 SE. cor. of Crawford's house brs. N. 15° 42' E.
- 79.96 SW. cor. of Crawford's house brs. N. 22° 10' E. The cor. of secs. 16, 17, 20, and 21. Land, gently rolling. Soil, sandy, 1st rate. No timber. Undergrowth, cactus and white sage brush. Fair growth of gramma grass.

- 20.76 N. 0° 3' W., bet. secs. 16 and 17. Over rolling land, thru scattering undergrowth.
- 22.40 Road brs. NE. and SW. Wash, 45 lks. wide, course SW.

30 Portion of Subdivision of Township 41 North Range 6 West

Chains.

- 28.50 Road brs. NE. and SW.
- 37.60 Road brs. E. and W.
- 39.50 Road brs. E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap.

S17 | S16
1916

- 42.65 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., Telephone line brs. N. 35° W. to Hurricane & St. George, Utah and S. 35° E. to Pipe Springs and Fredonia, Arizona.
- 46.50 Enter scattering timber, brs. E. and W.
- 50.00 Leave scattering timber bears E. and W. Enter heavy timber.
- 65.00 Leave timber; enter open park.
- 70.00 Enter scattering timber.
- 73.40 Road brs. NW. and SE.
- 79.00 Base of Vermillion cliffs.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 8, 9, 16 and 17, marked on brass cap.

T41N | R 6W
S 8 | S 9
S17 | S16
1916

from which,

- A cedar, 8 ins. in diam., brs. N. $77\frac{1}{2}^\circ$ E., 156 lks. dist., marked T 41 N R 6 W S 9 B T.
- A cedar, 10 ins. in diam., brs. S. $71\frac{1}{2}^\circ$ E., 63 lks. dist., marked T 41 N R 6 W S 16 B T.
- A cedar, 8 ins. in diam., brs. S. 46° W., 21 lks. dist., marked T 41 N R 6 W S 17 B T.
- A cedar, 12 ins. in diam., brs. N. 8° W., 22 lks. dist., marked T 41 N R 6 W S 8 B T.

Land, rolling.

Soil, sandy, 1st rate, and stony, 4th rate.

Timber, cedar and pinon.

Undergrowth, cactus and white sage brush.

- 40.00 N. $89^\circ 57'$ E., on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N. and S. line, 9 lks. N. of cor. of secs. 9, 10, 15 and 16.
- Thence,
- N. $89^\circ 59'$ W., on a true line, bet. secs. 9 and 16.
- Over rolling land, thru. scattering timber and undergrowth. Ascend 74 ft. to
- 7.00 4-strand wire fence, brs. NW. and SE. Ascend 27 ft. to
- 14.90 Wash, 25 lks. wide, course S. Ascend 172 ft. to
- 23.00 Descend 91 ft. to
- 35.00 SE. point of Vermillion Cliffs, brs. N. 5 chs. dist. Descend 48 ft. to
- 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap.

$\frac{1}{4}$ S 9
S 16
1916

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

Portion of Subdivision of T. 41 N., R. 6 W. 31

Chains
 43.00 Asc. 54 ft. to
 60.50 Desc. 218 ft. to
 63.40 Ditch, 6 lks. wide, course S.
 67.00 Ditch, 6 lks. wide, course S.
 79.98 Wash, 15 lks. wide, course S. Thence over rolling S. slope of Vermillion Cliffs, through scattering timber.
 The cor. of secs. 8, 9, 16 and 17.
 Land, rolling and mountainous.
 Soil, sandy and rocky, 4th rate.
 Timber, scattering cedar and pinyon.
 Undergrowth, cactus and white sagebrush.

N. 0° 3' W. bet. secs. 8 and 9.
 Over rolling, broken W. slope of Vermillion Cliffs, through scattering timber and undergrowth.
 10.00 Wash, 6 lks. wide, course W. Asc. 64 ft. to
 21.00 Desc. 38 ft. to
 30.00 Wash, 25 lks. wide, course NW.
 35.20 Wash, 12 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., mkd. on brass cap.

$\frac{1}{4}$
 S 8 | S 9
 1916

from which,
 A cedar, 18 ins. diam., brs. N. 77 $\frac{1}{2}$ ° E.
 79 lks. dist.; mkd. $\frac{1}{4}$ S 9 B T.
 A cedar, 18 ins. diam., brs. N. 80 $\frac{1}{2}$ ° W.
 77 lks. dist.; mkd. $\frac{1}{4}$ S 8 B T.

Desc. gradual slope to
 45.00 Wash, 8 lks. wide, course W.
 47.30 Wash, 25 lks. wide, course SW. Asc. 37 ft. to
 56.20 2-wire fence brs. E. and W.
 64.60 Wash, 25 lks. wide, course W. Asc. 46 ft. to
 74.60 Wash, 15 lks. wide, course NW. Desc. 46 ft. to
 75.00 Asc. 45 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, mkd. on brass cap

T41N R 6W
 S 5 | S 4
 S 8 | S 9
 1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rough, rolling and mountainous.
 Soil, rocky, 3rd. rate.
 Timber, scattering cedar and pinyon.
 Undergrowth, cactus and white sagebrush.
 Very poor growth of grass.

On account of the impracticability of completing the survey of the line bet. secs. 4 and 5,
 N. 0° 3' W. on a true line bet. secs. 4 and 5. (S. $\frac{1}{2}$)
 Over rocky W. slope of Vermillion Cliffs, through scattering undergrowth.
 13.90 Wash, 15 lks. wide, course SW.
 15.00 Desc. 23 ft. to
 Asc. 368 ft. to

32

32 Portion of Subdivision of T. 41 N., R. 6 W.

Chains
30.04 Cliffs 300 ft. high, make it impossible to proceed farther on this line, there fore at this point
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor., mkd. on brass cap

W C
 $\frac{1}{4}$
S 5 $\frac{1}{4}$ S 4
1916

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

40.00 True point for $\frac{1}{4}$ sec. cor. is inaccessible.
Soil, rocky, sandstone formation, 4th rate.
Timber, scattering cedar and pinyon.
Undergrowth, scattering scrub oak and buck brush.

From the standard cor. of secs. 31 and 32, on S. bdy. of T. 41 N., R. 6 W., here in before described,

N. 0° 3' W. bet. secs. 31 and 32.

40.00 Over gently rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S 31 | S 32
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, mkd. on brass cap

T 41 N R 6 W
S 30 | S 29
S 31 | S 32
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
Land, gently rolling.
Soil, sandy loam, 1st rate.
No timber.
Undergrowth, white sagebrush and cactus.
Abundant gramma grass.

40.00 East on a random line bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.
79.88 Intersect N. and S. line, 15 lks. N. of cor. of secs. 28, 29, 32 and 33, mkd. on brass cap

Thence
N. 89° 54' W. on a true line bet. secs. 29 and 32.

39.94 Over gently rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 29
S 32
1916

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft. dist.

40.40 Wash, 30 lks. wide, course NW.
44.80 Road brs. NW. and SE.

Portion of Subdivision of T. 41 N., R. 6 W. 33

Chains

47.90 Road brs. NW. and SE.
 67.10 Wash, 15 lks. wide, course N.
 79.88 The cor. of secs. 29, 30, 31 and 32.
 Land, gently rolling.
 Soil, sandy loam, 1st rate.
 No timber.
 Undergrowth, cactus and white sagebrush.
 Grass, abundant gramma grass.

40.00 West on a random line bet. secs. 30 and 31.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect W. bdy. of Tp., at the cor. of secs. 25, 30,
 31 and 36, hereinbefore described.
 Thence
 East on a true line bet. secs. 30 and 31.
 Over gently rolling land, through scattering undergrowth.
 41.55 Draw, 2 chs. wide, course NE.
 40.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 30
~~48~~ 31
 1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

47.50 Wash, 10 lks. wide, course NW.
 80.06 The cor. of secs. 29, 30, 31 and 32.
 Land, gently rolling.
 Soil, sandy loam, 1st rate.
 No timber.
 Undergrowth, cactus and white sagebrush.
 Abundant gramma grass.

19.86 N. $0^{\circ} 3'$ W. bet. secs. 29 and 30.
 Over gently rolling land, through scattering undergrowth.
 Road brs. NW. and SE.
 21.84 Wash, 28 lks. wide, 5 ft. deep, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S30 | S29
 1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 19, 20, 29 and 30, mkd. on
 brass cap

T41N R 6W
 S19 | S20
 S30 | S29
 1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
 Land, nearly level. | From this cor., SW. cor. of Mary J.
 Soil, sandy, 1st rate. | Cox's house brs. N. $11^{\circ} 32'$ E. SW. cor.
 No timber. | Jos. Cox's house brs. N. $35^{\circ} 56'$ E.
 Undergrowth, sagebrush. | SW. cor. Jos. Millet's house brs.
 Fair growth of grass. | N. $44^{\circ} 59'$ E.

34 Portion of Subdivision of T. 41 N., R. 6 W.

Chains

40.00 S. 89° 54' E. on a random line bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. and S. line, 10 lks. N. of true point for
 cor. of secs. 20, 21, 28 and 29.
 Thence
 N. 89° 50' W. on a true line bet. secs. 20 and 29.
 Over gently rolling land, through scattering undergrowth.
 13.70 Wash, 50 lks. wide, 10 ft. deep, course NW.
 21.00 Wash, 8 lks. wide, 4 ft. deep, course NW.
 21.75 Wash, 12 lks. wide, 4 ft. deep, course NW.
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 20
 $\frac{1}{4}$ S 29
 1916

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft.
 dist.
 52.10 Cor. of wire fence brs. SE. 1 ch. dist.
 52.95 Wash, 90 lks. wide, 8 ft. deep, course NW.
 57.83 Wagon road brs. NW. and SE.
 79.94 The cor. of secs. 19, 20, 29 and 30.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, scattering sagebrush.
 Fair growth, of grass.

West on a random line bet. secs. 19 and 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect W. bdy. of Tp., 26 lks. S. of the cor. of secs.
 19, 24, 25 and 30, hereinbefore described.
 Thence
 S. 89° 49' E. on a true line bet. secs. 19 and 30.
 Over gently rolling land, through scattering undergrowth.
 .45 Road brs. NW. and SE.
 3.66 Wash, 30 lks. wide, 7 ft. deep, course NW.
 10.50 Road brs. NW. and SE.
 40.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 19
 $\frac{1}{4}$ S 30
 1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 80.06 The cor. of secs. 19, 20, 29 and 30.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, scattering sagebrush.
 Fair growth of grass.

N. 0° 3' W. bet. secs. 19 and 20.
 Over gently rolling land, through scattering undergrowth.
 8.70 Well brs. W. 50 lks. dist.
 14.88 Road brs. NW. and SE.
 .21.90 Wash, 120 lks. wide, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S19 | S20
 1916

Portion of Subdivision of T. 41 N., R. 6 W. 35

Chains
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
 41.00 SW. cor. of Mary J. Cox's house brs. N. 39° 52' E.
 43.70 Road brs. NE. and SW.
 57.30 Road brs. E. and W.
 74.00 Road brs. NW. to Hurricane and St. George, Utah, and SE.
 to Pipe Springs and Fredonia, Arizona, 24 ins. in the
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, mkd. on brass cap

T41N R 6W
 S18 | S17
 S19 | S20
 1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, cactus and white sagebrush.
 Grass, poor.

40.00 S. 89° 50' E. on a random line bet. secs. 17 and 20.
 Set temp. 1/4 sec. cor.
 79.88 Intersect N. and S. line, 6 lks. N. of cor. of secs. 16, 17, 20 and 21.
 Thence
 N. 89° 47' W. on a true line bet. secs. 17 and 20.
 Over gently rolling land, through scattering undergrowth.
 2.76 Road brs. N. and S.
 2.86 Wire fence brs. N. and S.
 10.63 Road brs. NW. and SE.
 19.58 Gulch, 60 lks. wide, 18 ft. deep, course SW.
 20.68 Road brs. NE. and SW.
 36.80 Enter cultivated land brs. N. and S.
 39.94 Set an iron post, 3-ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S 17
 1/4 S 20
 1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 40.45 Leave cultivated land, brs. N. and S.
 43.90 Enter cultivated land, brs. NE. and SW
 60.90 Leave cultivated land, brs. NE. and SW.
 64.20 Road brs. NE. and SW.
 66.05 Road brs. N. and S.
 79.88 The cor. of secs. 17, 18, 19 and 20.
 Land, nearly level.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, scattering sagebrush.
 Fair growth of grass.

40.00 N. 89° 49' W. on a random line bet. secs. 18 and 19.
 Set temp. 1/4 sec. cor.
 80.14 Intersect W. bdy. of Tp., 3 lks. N. of cor. of secs. 17, 18, 19 and 24, hereinbefore described.
 Thence
 S. 89° 50' E. on a true line bet. secs. 18 and 19.
 Over gently rolling land, through scattering undergrowth.
 9.60 Wire fence brs. N. and S.
 10.68 Road brs. NW. and SE.
 20.33 Road brs. NW. and SE.

36

Portion of Subdivision of T. 41 N., R. 6 W.

Chains

23.70 C. E. Wormly's tent house brs. N. 4 chs. dist.
 34.40 Wash, 30 lks. wide, 10 ft. deep, course SW.
 39.25 Wash, 30 lks. wide, 10 ft. deep, course SW.
 40.14 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S 18 | S 19
 1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

53.40 Road brs. N. and S.
 77.00 Road brs. NW. to Hurricane and St. George, Utah, and SE. to Pipe Springs and Fredonia, Ariz.
 80.14 The cor. of secs. 17, 18, 19 and 20.
 Soil, sandy, 1st rate. Land, gently rolling.
 No timber.
 Undergrowth, sagebrush.
 Fair growth of grass.

N. 0° 3' W. bet. secs. 17 and 18.
 Over gently rolling land, through scattering undergrowth.

9.90 Road brs. NE. and SW.
 39.00 3-strand wire fence brs. E. and W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S 18 | S 17
 1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

51.75 Wash, 30 lks. wide, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, mkd. on brass cap

T41N R 6W
 S 7 | S 8
 S 18 | S 17
 1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, cactus and white sagebrush.
 Abundant gramma grass.

40.00 S. 89° 47' E. on a random line, bet. secs. 8 and 17.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.82 Intersect N. and S. line, 30 lks. S. of cor. of secs. 8, 9, 16 and 17.

Thence
 West on a true line bet. secs. 8 and 17.
 Over gently rolling land, through scattering undergrowth,
 Road brs. NW. and SE. (and timber.)

1.52 Draw, 2 chs. wide, course SW.
 17.80 Telephone line brs. N. 35° W. to Hurricane and St. George, Utah, and S. 35° E. to Pipe Springs and Fredonia, Ariz.
 26.50 Leave scattering timber brs. N. and S.
 34.80 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
 39.91

Portion of Subdivision of T. 41 N., R. 6 W.

Chains

$\frac{1}{4}$ S 8
 $\frac{1}{4}$ S 17
1916

51.90 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

52.50 Road brs. NW. and SE.

62.80 Road brs. NW. and SE.

74.45 Wash, 30 lks. wide, course SW.

79.82 The cor. of secs. 7, 8, 17 and 18.
Land, gently rolling.
Soil, very sandy, 1st rate.
Timber, scattering cedar and pinyon as indicated.
Undergrowth, cactus and white sagebrush.
Fair growth of gramma grass.

40.00 N. 89° 50' W. on a random line bet. secs. 7 and 18.
Set temp. $\frac{1}{4}$ sec. cor.

80.18 Intersect W. bdy. of Tp., 11 lks. N. of cor. of secs. 7, 12, 13 and 18, hereinbefore described.
Thence
S. 89° 55' E. on a true line bet. secs. 7 and 18.
Over gently rolling land; through scattering undergrowth.

25.50 Wash, 15 lks. wide, course S.

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

$\frac{1}{4}$ S 7
 $\frac{1}{4}$ S 18
1916

57.30 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

57.30 Road brs: NE. to St. George and Hurricane, Utah, and SW. to Pipe Springs and Fredonia, Ariz.

80.18 The cor. of secs. 7, 8, 17 and 18.
Soil, sandy, 1st rate. Land, gently rolling.
No timber.
Undergrowth, cactus and white sagebrush.
Abundant gramma grass.

35.00 N. 0° 3' W. bet. secs. 7 and 8.
Overgently rolling land, through scattering undergrowth.
Asc. gradually to
Top of E. slope of knoll. Desc. very gradually to

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

$\frac{1}{4}$ S 7 | S 8
1916

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

59.70 Road brs. NW. and SE.

61.90 Road brs. NW. and SE.

64.00 Wash, 10 lks. wide, 6 ft. deep, course, not given.

69.85 Wire fence brs. E. and W.

75.87 Telephone line bears NW. to St. George, Utah, and SE. to Fredonia, Arizona.

80.00 Set an iron post, 3 ft. long; 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, mkd. on brass cap

38 Portion of Subdivision of T. 41 N., R. 6 W.

Chains

T41N R 6W
 S 6 | S 5
 S 7 | S 8
 1916

and raise a mound of stone, 2½ ft. base, 2 ft. high,
 W. of cor.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, scrub cedar and scattering sagebrush.
 Fair growth of grass.

East on a random line bet. secs. 5 and 8.
 40.00 Set temp. ¼ sec. cor.
 80.07 Intersect N. and S. line, 40 lks. N. of cor. of secs.
 4, 5, 8 and 9.
 Thence
 N. 89° 43' W. on a true line bet. secs. 5 and 8.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Desc. 159 ft. to
 4.05 Wash, 25 lks. wide, 5 ft. deep, course NW. Desc. 29 ft.
 28.77 Wash, 25 lks. wide, 3 ft. deep, course SW.
 40.03½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., mkd. on brass cap

1S 5
 4S 8
 1916

from which,
 A cedar, 6 ins. diam., brs. S. - 49¼° E.,
 167 lks. dist.: mkd. ¼ S 8 B r.

No other trees within limits.
 61.97 Raise a mound of stone, 2 ft. base, 2 ft. high N. of cor.
 80.07 Wash, 15 lks. wide, 5 ft. deep, course NW.
 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling and hilly.
 Soil, sandy and rocky, 1st and 3rd rates.
 Timber, scattering cedar and pinyon.
 Undergrowth, sagebrush.
 Fair growth of grass.

N. 89° 55' W. on a random line bet. secs. 6 and 7.
 40.00 Set temp. ¼ sec. cor.
 80.00 Intersect W. bdy. of Tp., 14 lks. S. of cor. of secs.
 1, 6, 7 and 12, hereinbefore described.
 Thence
 S. 89° 49' E. on a true line bet. secs. 6 and 7.
 Over gently rolling land, through scattering undergrowth.
 2.40 Wash, 90 lks. wide, 6 ft. deep,
 course SW.
 13.23 Wire fence brs. NW. and SE.
 15.10 Wire fence brs. NE. and SW.
 25.00 H. Covington's house brs. N. 8 chs. dist.
 31.60 Enter Cultivated land brs. N. and S.
 38.60 Wire fence brs. N. and SE. Leave cultivated land brs. N
 and S.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., mkd. on brass cap

1S 6
 4S 7
 1916

Chains
 51.60 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 52.00 Road, brs. NW. to Hurricane and St. George, Utah, and SE.
 72.03 to Pipe Springs and Fredonia, Ariz.
 72.03 Old Road brs. NE. and SW.
 77.18 Telephone line brs. NW. to St. George, Utah, & SE. to
 Fredonia, Arizona.
 77.20 Wire fence brs. N. and S.
 77.62 Road brs. N. and S.
 78.06 Wire fence brs. N. and S.
 80.00 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, sagebrush and brigham brush.
 Fair growth of grass.

From the cor. of secs. 5, 6, 7 & 8, the cor. of secs. 5 & 6, and
 fracl. secs. 31 & 32, on N. bdy. of Tp., being plainly visible,
 N. 0° 10' W. on a random line for distance only, bet. secs.
 40.00 Set temp. 1/4 sec. cor. (5 and 6).
 80.25 Intersect N. bdy. of Tp., at cor. of secs. 5 & 6, and fracl. secs.
 31 and 32, hereinbefore described.
 Thence
 S. 0° 10' E. on a true line bet. secs. 5 and 6.
 Over cultivated land.
 10.60 Short Creek School house brs. W. 10 chs. dist.
 11.45 Leave cultivated land, brs. E. and W.
 40.10 Wire fence brs. E. and W.
 40.25 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., mkd. on brass cap
 S 6 1/2 S 5
 1916

dig pits, 18 X 18 X 12 ins.; N. and S. of post, 3 ft.
 dist.
 43.50 Road brs. NW. and SE.
 44.55 Frank Johnston's house brs. W. 6 chs. dist.
 50.85 Road brs. NW. and SE.
 75.85 Wash, 40 lks. wide, 3 ft. deep, course NW.
 80.25 The cor. of secs. 5, 6, 7 and 8.
 Land, nearly level.
 Soil, sandy, 1st rate.
 No timber.
 Undergrowth, sagebrush.
 Fair growth of grass.

General Description.

The portion of this township surveyed as hereinbefore de-
 scribed, is gently rolling, with a sandy soil, 1st and 2nd rate
 and is the only land of agricultural value, the unsurveyed portion
 being mountains and broken, with a rocky soil. There is no timber
 except several patches of small area in scattered parts of this
 township. The north half of the township drains south and the
 south half and western part drain west. There is no permanent
 running water except in Short Creek, which passes southwesterly
 thru the NW. cor. of the township. A scattering undergrowth,
 mainly sagebrush, is prevalent in all sections and a fair growth
 of grass exists over the entire area. There are three settlers
 and school house known as "Short Creek School" in sec. 6, one
 settler in sec. 13, one in sec. 16, two in sec. 18, one in sec. 20,
 three in sec. 21, one in sec. 23, two in sec. 24, one in sec. 26,
 and one in sec. 27. All have houses, fences and other improvements.
 A telephone line, St. George and Hurricane, Utah, to Pipe Springs
 and Fredonia, Ariz., passes SE. and NW. thru the Tp., and a road
 between same points, follows the same general course near the
 telephone line. Many other roads traverse the township, giving
 access to the holdings of all present settlers. There is no
 present indications of the existence of any valuable mineral.

Survey of
Portion of Subdivision of Fracl. T. 42 N., R. 6 W.

Chains

For description, approval and tests of instrument see beginning of notes, this book.

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

- .50 Wash, 12 lks. wide, 8 ft. deep, course SW.
- 4.00 Foot of spur brs. NW. and SE. Asc. S. slope.
- 5.00 Top of small ridge brs. E. and W. Desc. gradual slope.
- 7.08 Bottom of small gulch, course W. Asc. 295 ft. to
- 22.00 Top of spur slopes SW., 10 chs. Thence over rolling land.
- 26.99 Top of rocky point. Desc. 125 ft. to
- 34.00 Asc. 28 ft. to
- 34.76 Top of point brs. W. 1 ch. dist. Thence over rolling land.
- 40.00 Set an iron post, 3 ft long, 1 in. diam., on surface rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S32 S33
1916

from which,

- A pinyon, 5 ins. diam., brs. N. $81\frac{1}{2}^{\circ}$ E. 28 lks. dist.; mkd. $\frac{1}{4}$ S33 B T.
 - A cedar, 12 ins. diam., brs. N. $39\frac{1}{2}^{\circ}$ W. 85 lks. dist.; mkd. $\frac{1}{4}$ S32 B T.
 - 41.00 Top of point brs. W. 1 ch. dist. Desc. 110 ft. to
 - 45.13 Bottom of gulch, course W. Asc. gradual slope to
 - 46.11 Top of rocky point brs. W. 1 ch. dist. Desc. 45 ft. to
 - 49.86 Bottom of gulch, course NW. Asc. 46 ft. to
 - 50.67 Intersect bdy. line bet. Arizona and Utah, 16.11 chs. E. of 160.19 mile mon., which is a sandstone, firmly set, marked and witnessed as described by the Surveyor-General.
- At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of fracl. secs. 32 and 33, mkd. on brass cap

UTAH
S32 S33
T42N R 6W
C C
1916

from which,

- A pinyon, 6 ins. diam., brs. S. 85° E. 31 lks. dist.; mkd. T 42 N R 6 W S 33 CC BT.
 - A pinyon, 12 ins. diam., brs. S. 55° W. 52 lks. dist.; mkd. T 42 N R 6 W S 32 CC BT.
- Land, rolling and mountainous.
Soil, rocky, 3rd rate.
Timber, scattering cedar and pinyon.
Undergrowth, sagebrush and buck brush.
Fair growth of grass.

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

- N. 0° 3' W. bet. fracl. secs. 31 and 32.
- Over gently rolling land, through scattering timber and undergrowth.
- 5.18 Road brs. NE. and SW. Enter cultivated land, brs. E. and W.
- 15.00 Leave cultivated land, brs. E. and W.
- 19.35 Wire fence brs. NE. and SW.
- 26.00 Top of small sand ridge brs. NE. and SW. Scattering cottonwood trees on ridge.
- 36.65 S. bank of Short Creek brs. NE. and SW.
- 39.50 Center of Short creek, water 18 lks. wide, 5 ins. deep, course SW.
- 40.00 True point for $\frac{1}{4}$ sec. cor. falls in Short Creek,
- 40.66 N. bank of Short Creek brs. NE. and SW.

Portion of Subdivision of fracl. Township 42 North, Range 6 West. 41

Chains.

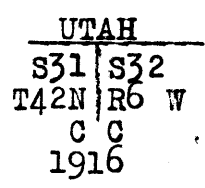
- 41.16 Wire fence, brs.E.and W.
- 41.59 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for witness cor.to $\frac{1}{4}$ sec.cor., marked on brass cap,



from which,

- A cedar, 10 ins. in diam., brs.N.22 $\frac{1}{2}$ °E., 659 lks. dist., marked W C $\frac{1}{4}$ S 32 B T.
- A cedar, 20 ins.in diam., brs.N.80 $\frac{1}{4}$ °W., 320 lks. dist., marked W C $\frac{1}{4}$ S 31 B T.

- 45.64 Road brs.NE. and SW.
 - 52.85 J.M.Lauritzen's house brs.W. 1 ch. dist.
 - 53.65 Intersect Arizona-Utah bdy.line, 31.35 chs.E.of the 59 mile mon., which is a sandstone, properly set, marked and witnessed as described by the Surveyor-General.
- At the point of intersection,
Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for closing cor.of fracl.secs. 31 and 32, marked on brass cap,



from which,

- A cedar, 12 ins. in diam., brs.S.36 $\frac{3}{4}$ °E., 339 lks. dist., marked T 42 N R 6 W S 32 C C.BT.

No other trees within limits.
Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft. high, W.of cor.
Small ditch S.of cor. prevents raising mound in proper place.
Land, rolling.
Soil, sandy, 1st rate.
Timber, scattering cedar and cottonwood.
Undergrowth, brigham brush and weeds 3 ft.high.

GENERAL DESCRIPTION.

Fracl. T. 42 N., R. 6 W.

The west two sections of this township contains the only land of agricultural value, and are the only ones surveyed under this group. The land is gently rolling, with a scattering growth of cedar, pinon and cottonwood timber, and a scattering growth of sage brush, brigham brush, "old man" brush and weeds, 3 ft.high, except in the cultivated and cleared areas of the settlers. The soil is mostly sandy, 36 ins.deep, 1st and 2nd rate. There is permanent running water in Short Creek, which drains all of this portion of the Tp., and has its source in Utah, a short distance north of the State boundary. There are two settlers, J.M.Lauritzen, with improvements consisting of houses, corral, fences, ditches and telephone line, and O.F.Colvin, with house, fences, and cultivated land. Several roads traverse the township. There is no indication of the existence of valuable mineral deposits.

Boundaries of that portion of Fract. T. 42 N., R. 6 W.,
surveyed under this Group.

Latitudes, Departures, and Closing Errors.

Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	159.45				159.45
West boundary,	North,	53.61	53.61			
North boundary (Ariz-Utah State Line)	East,	159.36			159.36	
Subdivisional boundary,	S. 0° 3' E.	53.67		53.67	.05	
Convergency,					.02	
<u>Totals,</u>			53.61	53.67	159.43	159.45
				53.61		159.43
<u>Error in latitude,</u>			0.06			
<u>Error in departure,</u>			0.02			

Book "A."

Group 75 - - - Arizona.

DATE DIAGRAM.

ARIZONA-UTAH STATE BOUNDARY.

Fract. T. 42 N. - R. 7 W.						
9-15-16	31	32	33	34	35	36
9-18-16	9-18-16	9-19-16			10-16-16	
9-15-16	6	5	4	3	2	1
9-22-16	9-22-16	9-22-16			9-19-16	10-26-16
9-15-16	7	8	9	10	11	12
9-20-16	9-20-16	9-19-16	9-18-16	9-15-16	9-16-16	9-16-16
9-15-16	18	17	16	15	14	13
9-20-16	9-20-16	9-18-16	9-15-16	9-14-16	9-14-16	9-14-16
9-15-16	19	20	21	22	23	24
9-20-16	9-20-16	9-15-16	9-15-16	9-13-16	9-14-16	9-14-16
9-15-16	30	29	28	27	26	25
9-20-16	9-20-16	9-15-16	9-14-16	9-13-16	9-13-16	9-13-16
9-15-16	31	32	33	34	35	36
9-12-16	9-12-16	9-11-16	9-11-16	9-11-16	9-11-16	9-11-16

ACCEPTED SURVEY

10th Standard Parallel North.

Lines dated in black, surveyed by Thomas B. Matthews, U. S. Surveyor.

Lines dated in red, surveyed by William L. Nash, U.S. Transitman.

CERTIFICATE OF UNITED STATES SURVEYOR.

Transitman.

Applies to notes in this book and also to notes in books "B," "C," "D," "E," "F," "G" and "H."

Transitman,

I, William L. Nash, U. S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General, for Group 75, Arizona,

bearing date of the 16th day of June, 1906, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-

tions, and the laws of the United States, surveyed all those parts or portions of the 10th Std. Par.

North, thru Rs. 6 and 7 W., N. bdy. of T. 41 N., R. 1 W., W. bdrs. of T. 40 N., R. 6 W., T. 41 N., R. 7 W., and frac. T. 42 N., R. 7 W., and subdivision lines of T. 39 N., R. 1 W., T. 41 N., R. 1 E., T. 41 N., R. 1 W., T. 39 N., R. 6 W., T. 40 N., R. 6 W., T. 40 N., R. 7 W., T. 41 N., R. 6 W., T. 41 N., R. 7 W., and frac. T. 42 N., R. 7 W.

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 43 hereof and also in books "B," "C," "D," "E," "F," "G" and "H" and by the diagrams therein 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 Instruc-

tions, and the special written instructions of the U. S. Surveyor General, for Group 75, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William L. Nash

U. S. Surveyor. U. S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

191

The foregoing field notes of the survey of

executed by

under his special instructions dated, 191, 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. Surveyor General.

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.

BOOK 2285

4-680

FIELD ASSISTANTS. to

Thomas B. Matthews, U.S. Surveyor.

NAMES.	CAPACITY.
V. E. Bell,	1st chainman,
R. A. Lane,	2nd chainman,
B.F. Craig,	Cornerman & flagman.
Wm. Scott,	Flagman & axman,
J.A. Gutsale,	Axman,
Edwin Pratt,	Axman & flagman,
McClold Lauritzen,	Axman.

FIELD ASSISTANTS to

William L. Nash, U. S. Transitman.

Tom Smith,	1st chainman,
Geo. W. Curry,	2nd chainman,
W. L. Gierhart,	Cornerman,
R. B. Griffiths	Flagman and axman,
C. E. Wormley	Axman,
McLoid Lauritzen,	Axman.

CERTIFICATE OF UNITED STATES SURVEYOR.

Applies to notes in this book and also to notes in books "B", "C", "D", "E", "F", "G" and "H."

Arizona 1918

Thomas B. Matthews, U. S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General, for Group 75, Arizona,

bearing date of the 16th day of June, 1916, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-

tions, and the laws of the United States, retraced all those parts or portions of the

Arizona-Utah State Bdy., N. of fracl. T. 42 N., R. 7 W., and surveyed all those parts or portions of the 10th Std. Par. N. in R. 1 E., & the S. W. & N. bdrs. of T. 39 N., R. 1 W., the E. & N. bdrs. of T. 41 N., R. 1 E., the S. & W. bdrs. of T. 39 N., R. 6 W., T. 40 N., R. 6 W., & T. 40 N., R. 7 W., the W. & N. bdrs. of T. 41 N., R. 6 W. & T. 41 N., R. 7 W., and the W. bdry. of fracl. T. 42 N., R. 6 W., and Subdivision lines of T. 39 N., R. 1 W., T. 41 N., R. 1 E., T. 41 N., R. 1 W., T. 39 N., R. 6 W., T. 40 N., R. 7 W., T. 41 N., R. 6 W., T. 41 N., R. 7 W., fracl. T. 42 N., R. 6 W., and fracl. T. 42 N., R. 7 W.,

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 43 hereof and also in books "B", "C", "D", "E", "F", "G" and "H" and by the diagrams therein as having been executed by me, and under my direction; and that all the corners of

said ^{retracement and} survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the U. S. Surveyor General, for Group 75, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of

such ~~retracement and survey~~.

Thomas B. Matthews U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, AUG 22 1919, 1919

The foregoing field notes of the survey of the 10th Std. Parallel North, thru. Range 6 West, and part of the North bdy. of Township 41 North, Range 6 West;

West bdy. of fracl. Township 42 North, Range 7 West, part of the Subdi-

vision lines of Township 41 North, Range 6 West, and fracl. Township 42

North, Range 6 West,

of the Gila and Salt River Base and Meridian in the State of Arizona,

executed by Thomas B. Matthews, U. S. Surveyor, and William L. Nash, U. S. Transitman,

under ~~his~~ special instructions dated June 16, 1916, for Group 75, Arizona, ~~and~~ having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys

they describe, are hereby approved.

Frank R. Frost U. S. Surveyor General.

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.