

**Volume**

**#**

**R0485**

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Handwritten annotations in the table:

- Row 3, Column 6: 16
- Row 4, Column 6: 18, 24
- Row 4, Column 6 (margin): 28
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Meanders of the left bank of San Juan River, 1/4 section, ~~range 26 E T29 N18 E~~  
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BOOK A-485

# FIELD NOTES

RESURVEY  
OF THE SURVEY OF THE

~~PORTION OF THE SUBDIVISION, SURVEY OF A PORTION OF THE SOUTH AND  
EAST BOUNDARIES AND SUBDIVISION OF T. 36 S., R. 5 W.~~

Of the Salt Lake Base And Meridian,

In the State of Utah

EXECUTED BY

Elliot Bird

*In the capacity of U. S. Surveyor, under instructions dated August 3, 1923, issued by the United States Surveyor General to govern surveys included in Group No. 146, which were approved by the Commissioner of the General Land Office, August 21, 1923, pursuant to authority contained in the Act of Congress dated 1911.* Assignment instructions dated

May 4, 1925.

Survey commenced July 17, 1925.

Survey completed August 1, 1925.

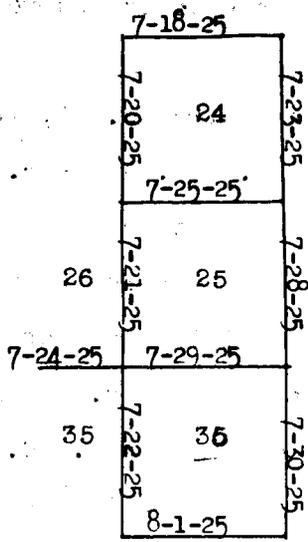
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# INDEX DIAGRAM.

Township 36 South, Range 5 West

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Date Diagram



All lines were surveyed by Elliot Bird, U.S. Surveyor, Survey commenced July 17, 1925, and executed with Buff and Buff light mountain solar transit No. 9218. The instrument was approved for use on this survey, by the Assistant Supervisor of Surveys for District No. 6, conditional upon satisfactory field tests, in assignment instructions dated May 4, 1925. T. 36 S., R. 5 W., was surveyed in conjunction with the survey of T. 36 S., R. 4½ W., and for full description and tests of instruments, see the finished notes of this township.

Method And Order of Procedure.

The cor. of Ts. 36 and 37 S., R. 5 W., was set at an intersection with a line projected south from the cor. of sec. 19 and 24, T. 36 S., R. 5 W., and a line projected east from the cor. of secs. 1, 2, 35 and 36. The cor. of Ts. 36 and 37 S., R. 4½ W., was set at an intersection with a line projected west from the cor.

Method And Order of Procedure.

of Ts. 36 and 37 S., Rs. 4 and 4½ W., to an intersection with a line projected south from the cor. of Ts. 36 and 37 S., R. 5 W.

A resurvey was made of the surveyed portions of secs. 24, 25 and 36.

Forest homestead entry No. 50, is located in secs. 24 and 25, T. 36 S., R. 5 W. and sec. 20 of T. 36 S., R. 4½ W.

The courses and distances of the boundaries of this entry were found to agree with the courses and distances given in the official records of this survey.

Forest homestead entry Nos. 117 A and 117 B, is located in the NW. portion of sec. 36. Except cors. Nos. 2, 9, and 10, a large land slide has removed all trace of this survey.

Resurvey of Subdivision, T. 36 S., R. 5 W.

From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the township, which is a granite, 13 x 12 x 10 ins., firmly set, marked 3 notches on N. and S. edges and unwitnessed.

Alongside the original cor.

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

T36S	T36S
S13	
-----	
S24	R4½W
R5W	S17

1925

From which,

A yellow pins, 24 ins. diam., bears N. 7°30' W., 764 lks. dist., marked T36S R5W S13 BT.

No SW. bearing tree available.

Thence,

West, on retracement line bet. secs. 13 and 24.

Chains

40.10 Fall 86 lks. S. of the  $\frac{1}{4}$  sec. cor. secs. 13 and 24, set by the Forest Service, hereinafter described.

40.23 Intersect the original  $\frac{1}{4}$  sec. cor. secs. 13 and 24, hereinafter described.

The course of this half mile therefore is West, and the distance is 40.23 chs.

Continue on same line with continuous measurement.

79.87 Fall 142 lks. S. of the cor. of secs. 13, 14, 23 and 24, hereinafter described.

The course of this half mile therefore is, N.  $87^{\circ}57'$  W., and the distance is 39.67 chs,

Thence,

From the cor. of secs. 13 and 24.

West, on resurvey line bet. secs. 13 and 24.

Descend gradual W. slope of rolling land through scattering undergrowth.

24.50 Enter scattering juniper and pinon timber, bears NW. and SE.

30.00 Leave timber, bears NW. and SE.

40.10 Point 86 lks. S. of the  $\frac{1}{4}$  sec. cor. set by Forest Service for secs. 13 and 24, which is a cobblestone, 13 x 12 x 12 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face and unwitnessed. I change cor. to a witness point by adding the marks WP to the marks on cor.

40.23 The original  $\frac{1}{4}$  sec. cor. secs. 13 and 24, which is a decayed post, 4 ft. long, 3 ins. diam., lying on top of a small mound of earth.

From which,

A pinon, 16 ins. diam., bears N.  $77^{\circ}30'$  E., 10.26 chs. dist., marked  $\frac{1}{4}$  S BT. I remark bearing tree  $\frac{1}{4}$  S13 BT.

A dead juniper, 12 ins. diam., bears S.  $83^{\circ}30'$  E.,

11.40 chs. dist., marked  $\frac{1}{4}$  S BT.

No other suitable bearing tree available in sec. 24.

Alongside the decayed post and in center of earth mound. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

Resurvey of Subdivision of T. 56 S., R. 5 W.

Chains

S13  
 $\frac{1}{4}$  S24  
 1925

Thence,  
 N. 87° 57' W., with continuous measurement.

51.50 Bottom of swale, 30 ft. deep, drains N. 20° W.

53.00 Enter scattering timber, bears N. and S.

55.00 Rolling top of ridge, 30 ft. high, bears N. 35° W. and  
 S. 35° E.

71.00 Draw, 50 ft. deep, drains NW.

79.87 The cor. of secs. 13, 14, 23 and 24, which is a sandstone,  
 12 x 9 x 9 ins.; marked 1 notch on E. edge, and 3 notches  
 on S. edge, firmly set and unwitnessed.

Raise a mound of stone, 3 ft. base, .2 ft. high, W. of cor.  
 No suitable bearing trees available.

Land, rolling, with a general northwesterly exposure and  
 drainage.

Soil, deep, gravelly clay and sand loam; 2nd rate.

Undergrowth, scattering sagebrush.

Timber, scattering juniper and pinon on portions of mile.

Fair grazing.

South, on retracement line bet. secs. 23 and 24.

40.00 Find no trace on the  $\frac{1}{4}$  sec. cor.  
 Continue on same line with continuous measurement.

80.14 Fall 133 lks. E. of the cor. of secs. 23, 24, 25 and 26,  
 hereinafter described.

The course of this mile therefore is S. 0° 57' W., and the  
 proportionate distance for each half mile is 40.07 chs.

Thence,  
 From the cor. of secs. 13, 14, 23 and 24.  
 S. 0° 57' W., on resurvey line bet. secs. 23 and 24.

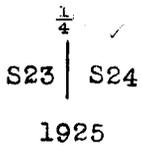
Over rolling land through scattering timber and under-  
 growth.

1.30 Draw, 20 ft. deep, drains N. 70° W.

1.40 Road, bears N. 70° W. and S. 70° E.

**Chains.**

- 15.70 Spur, 80 ft. high, projects SW.
- 21.80 One strand barbed wire fence, bears E. and W.
- 23.50 Leave timber, bears NW. and SE.
- 27.80 Wash, 15 lks. wide, 5 ft. deep, drains NW.
- 38.40 Wash, 30 lks. wide, 20 ft. deep, drains N. 60° W.
- 40.07 Proportionate measurement.  
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



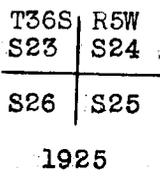
From which,  
A juniper, 12 ins. diam., bears S. 52° W., 272 lks. dist., marked  $\frac{1}{4}$  S23 BT.

No other suitable bearing tree available.

- 50.80 One strand barbed wire fence, on top of ridge, 30 ft. high, both bear E. and W.; scattering timber on top of ridge.
- 57.60 Draw, 50 ft. deep, drains N. 60° W.
- 59.50 Spur, 40 ft. high, projects W.
- 74.00 Enter grain field, bears E. and W., 1.50 chs. to NW. cor.
- 80.14 The cor. of secs. 23, 24, 25 and 26, which is a sandstone, 10 x 10 x 8 ins., firmly set, marked 1 notch on E. edge and 2 notches on S. edge and unwitnessed.

Alongside original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap marked.



Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist.

from post.

Land, rolling with a general westerly exposure and drainage.

Resurvey of Subdivision of Sec. 26 S., R. 5, W.

Chains

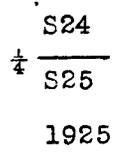
Soil, deep clay and sand loam; 2nd rate. 07.21  
 Undergrowth, scattering sagebrush. 08.13  
 Timber, scattering juniper and pinon on portions of mile.  
 Fair grazing. 08.73

East, on resurvey line bet. secs. 24 and 25.  
 Over cultivated land.

29.00 Wash, 10 lks. wide, 5 ft. deep, drains NW.  
 40.19 Intersect the  $\frac{1}{4}$  sec. cor. secs. 24 and 25, which is also  
 cor. No. 1 of Forest homestead entry survey No. 50.  
 Cor. is a sandstone, 10 x 10 x 8 ins. above ground,  
 firmly set in line of net wire fence which bears N. and  
 S., marked  $\frac{1}{4}$  on N. face, X on top and HES 1 on E. face  
 and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. secs. 24 and 25, with brass  
 cap marked.



Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.  
 land, level.

Soil, deep clay and sand loam; 1st rate.  
 No undergrowth.  
 No timber.  
 Fair grazing.

South, on retracement line bet. secs. 25 and 26.

40.00 Find no trace of the  $\frac{1}{4}$  sec. cor.  
 Continue on same line with continuous measurement.

80.00 Find no trace of the sec. cor.  
 Continue on same line with continuous measurement.

121.62 Fall 60 lks. E. of the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36,  
 which is also cor. No. 10 of forest homestead entry  
 No. 117, tract B., hereinafter described.

Chains

From the  $\frac{1}{4}$  sec. cor. of secs. 26 and 35, which is a sandstone, 12 x 12 x 10 ins., found buried 3 ft. under the surface of a roadway, marked  $\frac{1}{4}$  on top face and unwitnessed.

At this point, alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. secs. 26 and 35, with brass cap marked,

$\frac{1}{4}$   $\frac{S26}{S35}$   
1925

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist. Thence,

East, on retracement line, bet. secs. 26 and 35.

40.40 Fall 97 lks. S. of the 80.00 chs. point from the N.

Therefore, at a point, 108 lks. S. and 40 lks. W. of the 80.00 chs. point from the N., restore the cor. of secs. 25, 26, 35 and 36 as hereinafter described.

The course of the line from the cor. secs. 23, 24, 25 and 26, to the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36, therefore is, S.  $0^{\circ}17'$  W., and the proportionate distance for each half mile is 40.54 chs. The course of the E. half mile bet. secs. 26 and 35, is S.  $89^{\circ}51'$  E., and the distance is 40.00 chs.

Thence,

From the cor. of secs. 23, 24, 25 and 26.

S.  $0^{\circ}17'$  W., on resurvey line bet. secs. 25 and 26.

Over cultivated land through grain field.

20.20 Net wire fence, bears E. and W. at S. edge of grain field.

Thence, over level land through scattering undergrowth.

40.54 Proportionate measurement, at the E. end of barbed wire fence from the W.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored  $\frac{1}{4}$  sec. cor. secs. 25 and 26, with brass cap marked.

Resurvey of Subdivision of To 36 Sec., S. 5 N.

Chains



antenn

1925

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft.

dist.

50.25 Net wire fence, bears E. and W.

61.10 Four strand barbed wire fence, bears E. and W.; thence over a deposit of earth and rock from 1 to 50 ft. deep, left by a large land slide which came from Procter Canyon, located to the SE.

61.09 Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the restored cor. of secs. 25, 26, 35 and 36, with brass cap marked.

T36S	R5W
S26	S25
S35	S36

1925

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

Note; from this cor. the true point for cor. No. 2, of Forest homestead entry survey, No. 117, tract A, bears S. 88°56' E., 15.14 chs. dist. Cor. is witnessed, 20 lks. S. of its true position. The original cor. of secs. 25, 26, 35 and 36, was also cor. No. 1 of this entry, and the record course and distance from cor. No. 1 to the true point for cor. No. 2, is E., 15.00 chs.

Land, rolling with a general westerly exposure and drainage.

Soil, deep clay and sand loam; 2nd rate.

Undergrowth, scattering sagebrush and greasewood, on S. portion of mile.

No timber.

Poor grazing.

S. 0°17' W., on resurvey line bet. secs. 35 and 36.

Over rolling land through scattering undergrowth.

Resurvey of Subdivision of T. 36 S., R. 5 W.

Chains

- 26.50 Precor Creek, stream of good water, 4 lks. wide, 4 ins. deep, in wash, 20 lks. wide, 20 ft. deep, drains N. 70° W.
- 28.63 Record distance, find no trace of cor. No. 4 of forest homestead entry survey No. 117, tract A.
- 29.20 Record distance, find No. trace of cor. No. 5 of forest homestead entry survey No. 117, tract B.
- 32.40 Leave deposit of earth and stone left by land slide, bears N. 55° W. and S. 55° E.; ascend gradually through scattering timber, bears E. and W.
- 40.54 The  $\frac{1}{4}$  sec. cor. secs. 35 and 36, which is also cor. No. 10 of forest homestead entry survey No. 117, tract B. Cor. is a sandstone, 12 x 6 x 6 ins., above ground, firmly set, marked  $\frac{1}{4}$  on W. face, HES 10 on E. face, From which,  
 A pinon, 10 ins. diam., bears N. 67° E., 50 lks. dist., marked  $\frac{1}{4}$  S BT. I remark tree  $\frac{1}{4}$  S36 BT.  
 A pinon, 5 ins. diam., bears N. 24° W., 30 lks. dist., marked  $\frac{1}{4}$  S BT. I remark tree  $\frac{1}{4}$  S35 BT.  
 Thence,  
 S. 0°52' W., on resurvey line with continuous measurement to visible signal left at the cor. secs. 1, 2, 35 and 36.
- 60.50 Spur, 40 ft. above the  $\frac{1}{4}$  sec. cor., projects NW.; descend gradual SW. slope.
- 61.00 The E. end of two strand barbed wire fence, from the W.
- 61.50 Draw, 20 ft. below spur, drains W.; timber becomes dense bears E. and W.
- 72.00 Spur, 90 ft. above draw, projects W.; descend abrupt S. slope.
- 73.30 Draw, 30 ft. below spur, drains S. 70° W.; ascend gradual NW. slope.
- 76.00 Spur, 30 ft. above draw, projects W.; descend gradual S. slope.
- 77.70 Draw, 30 ft. below spur, drains W.; ascend abrupt N. slope.

Resurvey of Subdivision of T. 36 S., R. 5 W.

Chains

80.29 The cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, on steep N. slope, 40 ft. above draw. Cor. is a sandstone, 10 x 9 x 9 ins., firmly set, marked and witnessed as described in the official records. Land, rolling, with a general westerly exposure and drainage. Soil, shallow sand, clay and rock; 3rd rate. Undergrowth, scattering sagebrush. Timber, scattering juniper, pinon and yellow pine on S. portion of mile. Fair grazing.

Survey of East Boundary, T. 36 S., R. 5 W.

From the cor. of secs. 13 and 24, T. 36 S., R. 5 W., heretofore described. South on random line along the E. bdy. of the township for alinement only and at the intersection with a line projected W. from the cor. of Ts. 36 and 37 S., Rs. 4 and 4½ W. Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Ts. 36 and 37 S., R. 4½ W., only, with brass cap marked.

	T36S
T37S	R4½W
	S32
R5W	S5
S1	T37S

1925

From which,  
 A spruce, 10 ins. diam., bears N. 77° E., 44 lks. dist., marked T36S R4½W S32 BT.  
 A spruce, 8 ins. diam., bears S. 61° E., 13 lks. dist., marked T37S R4½E S5 BT.  
 Thence, from this cor.  
 North, on true line, along the W. bdy. of sec. 32.  
 Descend abrupt N. slope of broken mountainous land through dense timber and scattering undergrowth.

Survey of East Boundary, T. 36 S., R. 5 W.

Chains

26.70 On North, 50 lks. wide, 35 ft. deep, in bottom of Proctor Canyon, 750 ft. below cor., drains N. 70° W.; small stream of good water, 2 lks. wide, 2 ins. deep, in bottom of canyon; ascend abrupt S. slope over nearly inaccessible ledges.

33.67 On abrupt S. slope, 150 ft. above bottom of canyon; point for the closing cor. of Ts. 36 and 37 S., R. 5 W., hereinafter described.

40.00 On abrupt S. slope, 120 ft. above point for closing cor. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor.. sec. 32 only, with brass cap marked.

$\frac{1}{4}$  S32  
1925

From which,

A pinon, 12 ins. diam., bears N. 5° E., 19 lks. dist., marked  $\frac{1}{4}$  S32 BT.

No other suitable bearing trees available.

58.30 Spur, 350 ft. above the  $\frac{1}{4}$  sec. cor., projects NW.; descend abrupt N. slope.

73.82 On abrupt N. slope, 420 ft. below spur; point midway bet. the point for the closing cor. of Ts. 36 and 37 S., and the point for the closing cor. of secs. 25 and 36. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 36 only, with brass cap marked.

$\frac{1}{4}$  S36  
1925

From which,

A spruce, 10 ins. diam., bears S. 30° W., 45 lks. dist., marked  $\frac{1}{4}$  S36 BT.

No other suitable bearing trees available.

77.00 Bottom of canyon, 80 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 70° W., ascend abrupt S. slope.

80.00 On abrupt S. slope, 80 ft. above bottom of canyon.

Survey of East Boundary, T. 36 S., R. 5 W.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 29 and 32 only, with brass cap marked.

T36S	T36S
R5W	S29
S36	S32
	R4 $\frac{1}{2}$ W

1925

From which,

A spruce, 6 ins. diam., bears N. 32° E., 31 lks. dist., marked T36S R4 $\frac{1}{2}$ W S29 BT.

A cedar, 12 ins. diam., bears S. 76° E., 39 lks. dist., marked T36S R4 $\frac{1}{2}$ W S32 BT.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 4th rate.

Undergrowth, scattering sage and buck brush.

Timber, dense cedar, pinon, juniper and spruce.

Fair grazing.

North, along the W. bdy. of sec. 29.

Ascend abrupt S. slope of broken mountainous land through dense timber and scattering undergrowth.

33.97 On abrupt SW. slope, 350 ft. above cor. point for the closing cor. of secs. 25 and 36, hereinafter described.

40.00 On abrupt SW. slope, 60 ft. above point for the closing cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for sec. cor. sec. 29 only, with brass cap marked.

$\frac{1}{4}$  S29

1925

From which,

A pinon, 6 ins. diam., bears N. 8° E., 33 lks. dist., marked  $\frac{1}{4}$  S29 BT.

A pinon, 8 ins. diam., bears S. 5° E., 35 lks. dist., marked  $\frac{1}{4}$  S29 BT.

.Survey of East Boundary, T. 36 S., R. 5 W.

Chains.

- 42.00 Spur, 20 ft. above cor., projects NW.; descend abrupt N. slope.
- 59.00 Draw, 40 ft. deep, drains N. 15° E.; continue descent.
- 64.60 Spur, 40 ft. high, projects NE.
- 71.00 Draw in bottom of Riggs Canyon, 690 ft. below spur, drains W.; thence across bottom of canyon.
- 74.00 Wash, 20 lks. wide, 10 ft. deep, drains W.
- 75.05 At base of ledge, on N. side of canyon, bears E. and W. Point 40.00 chs. S. from the point for closing cor. of secs. 24 and 25.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 25 only, with brass cap marked.

$\frac{1}{4}$ S25
1925

From which,

A point on ledge, marked X-BO S25, bears N. 60° W., 3 lks. dist.

No other suitable accessories available.

Thence ascend abrupt S. slope of broken ledges.

- 80.00 On abrupt S. slope, 80 ft. above bottom of canyon. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, cor. cor. of secs. 20 and 29 only, with brass cap marked.

T36S	T36S
R5W	S20
S25	S29
	R4 $\frac{1}{2}$ W

1925

From which,

A juniper, 12 ins. diam., bears N. 53° E., 17 lks. dist., marked T36S R4 $\frac{1}{2}$ W S20 BT.

A spruce, 12 ins. diam., bears S. 19° E., 89 lks. dist., marked T36S R4 $\frac{1}{2}$ W S29 BT.

Land, broken and mountainous with a general westerly exposure and drainage.

Survey of East Boundary, T. 36 S., R. 35 E.

Chains

Soil, shallow loose sand, clay and rock; 4th rate.  
Undergrowth, scattering sage and black brush.  
Timber, dense cedar, pinon, juniper and spruce.  
Fair grazing.

North, along the W. bdy. sec. 20.

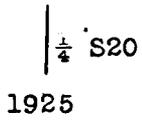
Ascend abruptly over broken mountainous land through  
dense timber and scattering undergrowth.

12.60 Spur, 320 ft. above the cor., projects S. 70° W.; descend  
abrupt NW. slope.

35.05 At base of mountains, 400 ft. below spur; point for the  
closing cor. of secs. 24 and 25, hereinafter described.  
thence over rolling land. Base of mountain bears  
N. 20° E. and S. 20° W.

40.00 On rolling W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. sec. 20 only, with brass cap  
marked.



From which,

A pinon, 12 ins. diam., bears N. 30° E., 41 lks.  
dist., marked  $\frac{1}{4}$  S20 BT.

A pinon, 6 ins. diam., bears S. 40° E., 21 lks.  
dist., marked  $\frac{1}{4}$  S20 BT.

44.97 Intersect boundary bet. cors. Nos. 3 and 4, of forest  
homestead entry No. 50, S. 30°20' W., 4.08 chs. dist.  
from cor. No. 3, heretofore described.

48.49 Intersect boundary bet. cors. Nos. 2 and 3 of forest  
homestead entry No. 50, West, 2.06 chs. dist. from cor.  
No. 3, which is a sandstone, 12 x 12 x 10 ins. above  
ground, firmly set, marked and witnessed as described  
in the official records.

49.20 Three strand barbed wire fence, bears E. and W.

50.80 Road, bears E. and W.

Chains

- 53.30 Draw, 40 ft. deep, drains W.
- 58.50 Spur, 40 ft. high, projects S. 70° W.
- 71.30 Old road, bears N. 70° E. and S. 70° W.
- 73.90 Old barbed wire fence, bears E. and W.
- 74.44 Point midway bet. the cor. of secs. 13 and 24 and point for closing cor. of secs. 24 and 25.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 24 only, with brass cap marked.

$\frac{1}{4}$  S24

1925

From which,

A pinon, 8 ins. diam., bears N. 25° W., 142 lks. dist., marked  $\frac{1}{4}$  S24 BT.

No other suitable bearing trees available.

- 75.05 Fall 51 lks. E. of a sandstone, 16 x 14 x 6 ins. above ground, firmly set, marked  $\frac{1}{2}$  on W. face and unwitnessed. I change this cor. to a witness point by adding the marks WP to the markings on the stone.

- 80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 17 and 20 only, with brass cap marked.

T36S	T36S
R5W	S17
S24	S20
	R4 $\frac{1}{2}$ W

1925

From which,

A pinon, 10 ins. diam., bears N. 65° E., 36 lks. dist., marked T36S R4 $\frac{1}{2}$ W S17 BT.

A pinon, 10 ins. diam., bears S. 52°30' E., 98 lks. dist., marked T36S R4 $\frac{1}{2}$ W S20 BT.

Land, rolling and broken with a general westerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattering sage and black brush.

Timber, dense juniper, cedar, pinon and spruce.

Survey of East Boundary, T. 36 S., R. 4 W.

Chains

North, along the W. bdy. of sec. 17. . . . . 05.83  
 Over rolling land through dense timber and scattering  
 undergrowth. . . . .  
 8.00 Low ridge, bears N. 70° E. and S. 70° W.; leave timber,  
 bears with ridge. . . . .  
 15.00 Road, bears E. to Clark's Ranch and W. to Panguitch, Ut.  
 15.15 The SW. cor. of three strand barbed wire fence; bears  
 E., 20 lks. dist.. Thence, along W. side of fence.  
 33.83 The cor. of secs. 13 and 24, heretofore described.  
 Land, rolling, with a general westerly exposure and drain-  
 age.  
 Soil, deep clay and sand loam; 1st rate.  
 Undergrowth, scattering sagebrush.  
 Timber, dense juniper and pinon on S. portion of mile.  
 Good grazing.  
 Note: The survey of the remainder of this boundary will  
 be found in the finished notes of T. 36 S., R. 4½ W.

Survey of South Boundary, T. 36 S., R. 5 W.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy.  
 of the township, heretofore described.  
 East, on true line bet. secs. 1 and 36.  
 Ascend abrupt W. slope of broken mountainous land through  
 dense timber and scattering undergrowth.  
 21.50 Spur, 640 ft. above cor., projects N.; descend abrupt  
 NE. slope. . . . .  
 33.00 Draw, 130 ft. below spur, drains N.; ascend gradually  
 over abrupt NW. slope. . . . .  
 37.50 Spur, 50 ft. above draw, projects N.; descend abrupt E.  
 slope. . . . .  
 40.00 On abrupt E. slope, 30 ft. below spur.  
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in  
 the ground to bedrock and in a large mound of stone,  
 for ¼ sec. cor., with brass cap marked.

Survey of South Boundary, T. 36 S., R. 5 W.

Chains

S36  
 $\frac{1}{4}$   
 S1

1925

From which,

A pinon, 20 ins. diam., bears S. 17° W., 19 lks. dist., marked  $\frac{1}{4}$  S1 BT.

A pinon, 12 ins. diam., bears N. 21° W., 53 lks. dist., marked  $\frac{1}{4}$  S36 BT.

Find no trace of the original  $\frac{1}{4}$  sec. cor.

62.50 Proctor Creek, stream of good water, 3 lks. wide, 2 ins. deep, in wash, 3.50 chs. wide, 35 ft. deep, in bottom of canyon, drains N. 70° W.; ascend abrupt SW. slope over nearly inaccessible ledges.

82.50 On abrupt SW. slope, 320 ft. above stream; intersect the W. bdy. of sec. 32, T. 36 S., R. 4 $\frac{1}{2}$  W., 6.33 chs. S. of the  $\frac{1}{2}$  sec. cor. sec. 32.

At point of intersection, find no trace of original cor. Set an iron post, 3 ft. long, 3 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of Ts. 36 and 37 S., R. 5 W., with brass cap marked.

	T36S	
	R5W	
C	S36	T36S
		R4 $\frac{1}{2}$ W
C	S 1	S32
	T37S	

1925

From which,

A juniper, 10 ins. diam., bears S. 50° W., 80 lks. dist., marked T37S R5W S1 CC BT.

A pinon, 10 ins. diam., bears N. 50° W., 94 lks. dist., marked T36S R5W S36 CC BT.

Land, broken and mountainous with a general northwesterly exposure and drainage.

Soil, shallow loose sand, clay and rock; 4th rate.

Undergrowth, scattering sage and buck brush.

Timber, dense cedar, pinon and spruce.

Fair grazing.

Subdivision of T. 36 S., R. 5 W., 1st 4th

contd

Chains

From the  $\frac{1}{4}$  sec. cor. of secs. 24 and 25, heretofore described.

East, on true line bet. secs. 24 and 25, through forest homestead entry No. 50.

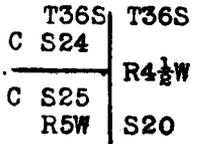
Ascend gradually over rolling land through scattering undergrowth, over cultivated land.

Note: From the cor. which is also cor. No. 1 of forest homestead entry survey No. 50, cor. No. 4 bears S.  $0^{\circ}28'$  W., 61.01 chs. dist. From cor. No. 4; Rigg's two room frame house bears N.  $27^{\circ}50'$  E., 26.62 chs. dist. From cor. No. 4, Porter's three room frame house, bears N.  $50^{\circ}$  W., 6.14 chs. dist.

Thence, bet. secs. 24 and 25.

- 21.30 Road at E. edge of cultivated land, bears N. and S.
  - 32.00 Enter dense timber, bears N. and S.
  - 32.50 Wash, 60 lks. wide, 10 ft. deep, drains NW.
  - 35.30 Intersect boundary line bet. cors. 3 and 4 of forest homestead entry survey No. 50, S.  $30^{\circ}20'$  W., 15.56 chs. dist. from cor. No. 3.
  - 41.10 Intersect the W. bdy. of sec. 20, T. 36 S., R.  $4\frac{1}{2}$  W., South, 4.95 chs. dist. from the  $\frac{1}{4}$  sec. cor. sec. 20.
- At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of secs. 24 and 25, with brass cap marked.



1925

From which, .  
 A red cedar, 20 ins. diam., bears S.  $54^{\circ}$  W., 22 lks. dist., marked T36S R5W S25 CC BT.  
 A pinon, 14 ins. diam., bears N.  $35^{\circ}$  W., 35 lks. dist., marked T36S R5W S24 CC BT.

Land, rolling, with a general westerly exposure and drainage.

Subdivision of T. 36 S., R. 5 W.

Chains

- Soil, deep sand and clay loam; 1st rate.
- Undergrowth, scattering sagebrush.
- Timber, dense cedar, juniper and pinon on E. portion of mile.
- Good grazing.

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- From the cor. of secs. 25, 26, 35 and 36.
- East, on true line bet. secs. 25 and 36.
- Ascend gradually over rolling W. slope through scattering undergrowth.
- 25.00 Base of mountains, bears N. and S.; enter dense timber, bears N. and S.; thence ascend abrupt W. slope over broken ledges.
- 40.00 On abrupt W. slope, 380 ft. above cor.,  
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S25  
 $\frac{1}{4}$   


---

S36  
1925

- From which,  
  - A mahogany, 8 ins. diam., bears S. 20° E., 18 lks. dist., marked  $\frac{1}{2}$  S36 BT.
  - A pinon, 10 ins. diam., bears N. 25° W., 15 lks. dist., marked  $\frac{1}{4}$  S25 BT.
- 40.00 Fall 21 lks. N. of a sandstone, 12 x 8 x 6 ins., firmly set, marked X.
- 44.50 Spur, 80 ft. above the  $\frac{1}{4}$  sec. cor., projects N. 30° W.; descend abrupt NE. slope.
- 62.50 Bottom of canyon, 400 ft. below spur, drains N. 30° W.; ascend abrupt SW. slope.
- 81.68 Intersect the W. bdy. of sec. 29, T. 36 S., R. 4 $\frac{1}{2}$  W., South, 6.03 chs. dist. from the  $\frac{1}{4}$  sec. cor. sec. 29.  
At point of intersection, on abrupt SW. slope, 450 ft. above bottom of canyon.

Subdivision of T. 36 S., R. 5 W.

Corners

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 25 and 36, with brass cap marked.

	T36S	T36S
C	S25	
		R4 $\frac{1}{2}$ W
C	S36	
	R5W	S29

.1925

From which,

A pinon, 10 ins. diam., bears S. 41° W., 51 lks. dist., marked T36S R5W S36 CC.BT.

A pinon, 10 ins. diam., bears N. 62° W., 48 lks. dist., marked T36S R5W S25 CC BT.

Land, broken and mountainous with a general northwesterly exposure and drainage.

Soil, shallow loose sand, clay, and rock; 4th rate.

Undergrowth, scattering sage and black brush.

Timber, dense cedar, pinon, juniper and spruce on E. portion of mile.

Fair grazing.

Closing Errors, T. 36 S., R. 5 W.

Lines Designated.	True bearings.	Dist-ances.	Latitude's.		Departures.	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
E. Bdy. T36S R5W	South	240.16	.....	240.16	.....	.....
S. Bdy. T36S R5W	West	82.50	.....	.....	.....	82.50
N. Bdy. Sec. 36	N. 0° 52' E.	39.75	39.75	.....	.60	.....
	N. 0° 17' E.	40.54	40.54	.....	.20	.....
W. Bdy. Sec. 25	N. 0° 17' E.	81.08	81.08	.....	.60	.....
W. Bdy. Sec. 24	N. 0° 57' E.	80.14	80.13	.....	1.33	.....
N. Bdy. Sec. 24	S. 87° 57' E.	39.67	.....	1.42	39.67	.....
	East	40.23	.....	.....	40.23	.....
Convergency	East	.05	.....	.....	.05	.....
			<u>241.50</u>	<u>241.58</u>	<u>82.68</u>	<u>82.50</u>
Errors in Latitudes and Departures.				<u>241.50</u>	<u>82.50</u>	
				0.08	0.18	

General Description of T. 36 S., R. 5 W.

The survey of this fractional township, consists of the survey of sections 24, 25 and 36. The west portions of sections 25 and 36 and all of section 24, are rolling and the soil is a deep clay and sand loam and may be classified as 2nd rate. The east portion of sections 25 and 36, is rough and mountainous, being broken by sandstone ledges and cut by deep canyons. The soil of this portion is a shallow, rocky, clay and sand loam, and may be classified as 4th rate. All three sections have a general westerly exposure and drainage.

The only timber is a dense growth of scrub red cedar, juniper, pinon and spruce, which is found in the east halves of sections 25 and 36 and the southeast portion of section 24. This timber has no commercial value except for fire wood and fencing.

A scattering undergrowth of sage, and buck brush and native grass, <sup>was found</sup> which affords fair grazing for stock.

Forest homestead entry survey No. 50, belonging to S.B. Riggs, is located in the east half of section 25. The improvements of this homestead are a two room frame house, shed, corral, chicken coop, about one mile of fencing and about forty acres of cultivated land. This land is being dry farmed, and fair crops of grain corn, and potatoes are being raised. A small spring of good water located in the southeast quarter of section 25, is being used for culinary purposes and for irrigation on a small garden on this ranch.

Forest homestead entry survey No. 117, tracts A and B, belonging to Hyrum Evans, is located in the west half of section 36. At one time, a well developed ranch was located on this entry, but a large landslide in the bottom of Proctor Canyon, has deposited from one to fifty feet of earth and stone on this entry and it is now worthless for farming purposes.

General Description of T. 36 S., R. 19 W.

LeRoy Porter has a well developed ranch located in the west half and east half of sections 25 and 26. The improvements of this ranch, are a three room frame house, shed, store house, corral, about three miles of fencing and about 200 acres of cultivated land. This land is being dry farmed and good crops of grain, and potatoes are being raised. A small spring of good water, located about 10 chains east of corner No. 4, of forest homestead entry No. 50, is being used for culinary purposes and for the irrigation of a small garden located on this ranch.

The only creek in these three sections is Proctor Creek, which is a small stream of muddy water, about four links wide and three inches deep, which heads near the east boundary of section 36, and flows in a westerly direction along the broken bottom of Proctor Canyon.

This stream at one time was used for irrigation purposes on the ranch located in forest homestead Entry No. 117, but as this ranch was destroyed, it is now being used on a ranch located in the previously surveyed portion of the township to the west.

LeRoy Porter and S.B. Riggs were the only settlers on these three unsurveyed sections.

All of the land to the west of the base of the mountains in these sections is suitable for dry farming.

No indications of mineral, coal or oil were found.

The magnetic declination was not taken on account of a defective needle.

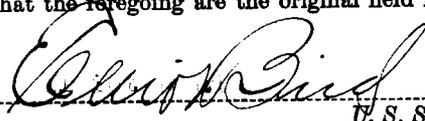


# CERTIFICATE OF UNITED STATES SURVEYOR.

I, Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 3rd day of August, 19123, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of resurvey of a portion of the subdivision, survey of a portion of the south and east boundaries and subdivision of T. 36 S., R. 5 W.

of the Salt Lake Base Meridian, in the State of Utah, which are represented in and date diagram on dates shown on said diagram the foregoing field notes as having been executed by me, and under my direction/ and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah.  
March 10, 1926.

  
U. S. Surveyor.

## APPROVAL.

OFFICE OF THE UNITED STATES Supervisor of Surveys,  
~~Surveyor General~~

March 20, 1928, 191

The foregoing field notes of the ~~survey of~~ resurvey of portion of the subdivision, survey of a portion of the south and east boundaries and subdivision of T. 36 S., R. 5 W., S. L. B. & M.,

executed by Elliott Bird, U. S. Surveyor under ~~his~~ special instructions dated August 3, 1923, 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. Supervisor of Surveys. ~~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.

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RECEIVED

MAR 26 1926

District Cadastral Engineer,  
Salt Lake City, Utah

1-070

BOOK A-485

B

# FIELD NOTES

OF THE ~~SURVEY OF THE~~

RESURVEY AND SURVEY OF THE SEVENTH STANDARD PARALLEL SOUTH THROUGH  
RANGE 4 $\frac{1}{2}$  WEST; RESURVEY OF A PORTION OF THE WEST BOUNDARY; SURVEY  
OF THE SOUTH AND EAST BOUNDARIES, AND SUBDIVISION OF T. 36 S., R. 4 $\frac{1}{2}$  W.

Of the Salt Lake Base and Meridian,

the State of Utah

EXECUTED BY

Elliot Bird

in the capacity of U. S. Surveyor, under instructions dated August 3, 1925,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 14C, which were approved by the Commissioner of the General Land  
Office, August 21, 1925, pursuant to authority contained in the Act of  
~~Congress dated \_\_\_\_\_, 1914~~ and assignment instructions dated  
May 4, 1926

Survey commenced July 17, 1925.

Survey completed October 22, 1925.

BOOK A-485

# INDEX DIAGRAM.

Township		36 South		Range		4 $\frac{1}{2}$ West			
		14	21	19	18			16	
•	11	104	83	68	53	1			30
		103	102	81	67	51			
:	9	100	80	65	50	19			28
		99	98	79	64	49			
•	7	96	77	62	48	18			27
		95	93	76	61	46			
•		92	75	60	45	24			25
		91	89	73	58	44			
•		88	72	57	42	25			23
		87	85	71	56	41			
•		84	69	54	39	26			21
		78	76	55	33	32			

Date Diagram

	8-22-25	9-11-25	10-3-25	10-5-25	10-5-25
8-21-25	5 8-31-25	4 9-9-25	3 10-13-25	2 10-22-25	1 10-21-25
8-21-25	8 8-29-25	9 9-8-25	10 10-10-25	11 10-20-25	12 10-20-25
8-20-25	17 8-28-25	16 9-7-25	15 10-9-25	14 10-18-25	13 10-10-25
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8-19-25	32 8-18-25	33 8-17-25	34 8-17-25	35 8-15-25	36 8-15-25

All lines surveyed by Elliot Bird, U.S. Surveyor, G.L.O.

Survey commenced July 17, 1925, and executed with Buff and Buff light mountain transit No. 9218. The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests in assignment instructions dated May 4, 1925.

The instrument is equipt with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers, each reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

I examine the adjustments of the instrument and correct all errors, then to test the solar apparatus by comparing its indications resulting from solar observations during a.m. & p.m. hours with a meridian determined by observations made on Polaris, I proceed as follows.  
 July 17, 1925: At my camp, located in the NE.  $\frac{1}{4}$  sec. 20, T. 36 S., R. 4 $\frac{1}{2}$  W., in approximate latitude  $37^{\circ}40'30''$  N. longitude  $112^{\circ}42'$  W.; at 11h 58m p.m. local mean time, I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a stake, driven firmly in the ground, about 10 chains to the N. of my station.

Azimuth of Polaris at eastern elongation =  $1^{\circ}23'30''$  W.

July 18, 1925: I lay off the azimuth of Polaris,  $1^{\circ}23'30''$  to the W. and mark the meridian thus determined by a tack in a stake driven firmly in the ground, about 10 chains N. of my station.

At 12h 30m apparent time, with the instrument in the meridian, I set off  $37^{\circ}40'30''$  N., on the latitude arc;  $11^{\circ}4'$  E., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

## Chains

At apparent noon, with the instrument in the meridian, I make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude =	73°21'30"
Reduced latitude =	37°40'30" N.
Mean watch time of observation =	12h 8m p.m.
Watch fast of local mean time =	0h 2m

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be 21°02' N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instrument in the meridian and the latitude arc unchanged, I set off 21°01' N., on the declination arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observations made on Polaris.

At the completion of the survey of this township, I make a final test of the instrument as follows.

October 23, 1925: with the instrument in the meridian determined by observations made on Polaris, heretofore described, at 8h30m a.m. apparent time, I set off 37°40'30" N., on the latitude arc; 11°21'00" S., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the

the declination arc to be  $11^{\circ}35'$  S., which agrees with the computed declination of the sun.

At 3h30m p.m. apparent time, with the instrument in the meridian and the latitude arc unchanged, I set off  $11^{\circ}20'$  S., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian:

As all the solar observations made during the usual hours of solar work, comewithin 1' of the true meridian, I conclude that the instrument is still in satisfactory adjustment.

#### Measurements.

Unless otherwise specified, all measurements are made with a Lallie steel ribbon tape, 5 chains in length, compared with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

#### Method and Order of Procedure.

South Boundary: This boundary was run W. from the cor. of Ts. 36 and 37 S., Rs. 4 and  $4\frac{1}{2}$  W., to an intersection with the E. bdy. of T. 37 S., R. 5 W., where the cor. of Ts. 36 and 37 S., R.  $4\frac{1}{2}$  W. was set.

East, Boundary: This boundary was run N. from the cor. of Ts. 36 and 37 S., Rs. 4 and  $4\frac{1}{2}$  W. to an intersection with the seventh standard parallel south, where the closing cor. of Ts. 36 S., Rs. 4 and  $4\frac{1}{2}$  W. was set.

Seventh Standard Parallel South: This parallel was run E. from the standard cor. of secs. 31 and 32, T. 35 S., R.  $4\frac{1}{2}$  W., to an intersection with the W. bdy. of T. 35 S., R. 4 W., where the closing standard cor. of

Method And Order of Procedure.

T. 35 S., R. 4½ W. was set. This parallel along the S. boundary of sec. 31, T. 35 S., R. 4½ W., has been surveyed, but a resurvey of this line was made on account of an error found in both the course and distance.

**West Boundary:** The S. three miles and a portion of the W. bdy. of sec. 17, of this boundary have been surveyed and the finished notes of this survey will be found in the notes of the survey of T. 36 S., R. 5 W. A retracement of the W. boundary of sec. 8 and a portion of the W. boundary of sec. 17, was made by the Forest Service, and the courses and distances returned by them in the official records; were found to be correct. A resurvey of the W. bdy. sec. 5 was made on account of an error being found both in the course and distance of this line. A retracement was made of the Sevier National Forest Boundary through secs. 4 and 5, and the cors. found on these lines were changed to witness points. Old cors. set by the Forest Service were found on the E. bdy. and a portion of the S. bdy. of the township. The marks on these cors. and bearing trees were effaced.

**Subdivision:** This township was found to be approximately 4½ miles wide E. and W., and was subdivided from the S. to the N. and from the E. to the W., fractional distances being placed against the N. and W. boundaries of the township.

**Forest homestead entry surveys** Nos. 86, 157, portion of No. 50 and List No. 4-1171; were found within the boundaries of this township and the reported courses and distances of these entries were found to be correct.

Retracement of Sevier National Forest Boundary  
Through Sec. 4.

## Chains

From the closing cor. of secs. 5 and 6, T. 36. S., R. 12. W. set by the Forest Service, which is a sandstone, 8 x 8 x 6 ins. above ground, firmly set, marked 5 notches on E. edge, and 1 notch on W. edge, CC on S. face and SC on N. face. I change this cor. to a witness point by adding the marks WP on S. face of stone.

Thence, South, on retracement line through sec. 4.

39.09 Fall 40 lks. E. of a trachyte, 12 x 10 x 10 ins. above ground, marked  $\frac{1}{2}$  on W. face. I change this cor. to a witness point by adding the marks WP on W. face of stone. The course of this half mile therefore is S.  $0^{\circ}35'$  W., and the distance is 39.09 chs.

Offset to the cor. and continue S. with continuous measurement.

79.11 Fall 55 lks. E. of a trachyte, 12 x 12 x 8 ins. above ground, firmly set, marked 5 notches on E. and S. edges. I change cor. to a witness point by adding the marks WP on W. face of stone.

The course of this half mile therefore is S.  $0^{\circ}47'$  W. and the distance is 40.02 chs.

From the witness point to the cor. of secs. 5, 6, 7 and 8. West on retracement line through secs. 4 and 5.

79.97 Fall 19 lks. S. of a trachyte, 10 x 8 x 6 ins. above ground, marked  $\frac{1}{2}$  on N. face. I change this cor. to a witness point by adding the marks WP to those on N. face of stone.

The course of this half mile therefore is N.  $89^{\circ}44'$  W., and the distance is 39.97 chs.

Offset to cor. and continue W. on same line with continuous measurement.

79.92 Fall 11 lks. N. of the original cor. secs. 1, 6, 7 and 12, on the W. bdy. of the township, hereinafter described. The course of this half mile therefore is S.  $89^{\circ}51'$  W., and the distance is 39.95 chs.

Resurvey of West Boundary, T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

From the cor. of secs. 13 and 24, T. 36 S., R. 5 W., which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey of T. 36 S., R. 5 W.

N. 0°25' E., on resurvey line along the E. bdy. sec. 13. Over rolling land through scattering undergrowth.

6.00 Enter scattering timber, bears E. and W.

6.17 Northing of 40.00 chs. from the cor. of secs. 17 and 20. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 17 only, with brass cap marked.

$\frac{1}{4}$  S17

1925

From which,

A pinon, 10 ins. diam., bears N. 32° E., 66 lks. dist., marked  $\frac{1}{4}$  S17 BT.

A pinon, 10 ins. diam., bears S. 31° E., 46 lks. dist., marked  $\frac{1}{4}$  S17 BT.

25.81 Closing cor. No. 9, of listing survey No. 4-1171.

38.00 Draw, 30' ft. deep, drains W.

40.11 The original  $\frac{1}{4}$  sec. cor. secs. 13 and 18, which is a sandstone, 12 x 10 x 10 ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face, H.E.S. No. 86, 10 on E. face.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 13 only, with brass cap marked.

$\frac{1}{4}$  S13

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No suitable bearing trees available.

Thence,

N. 1°35' E., with continuous measurement.

42.81 Closing cor. No. 11, listing survey No. 4-1171.

46.17 Northing of 40.00 chs. from the  $\frac{1}{4}$  sec. cor. sec. 17.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

Chains

the ground, for cor. secs. 8 and 17 only, with brass cap marked.

T36S	T36S
R5W	S8
S13	S17
	R4 $\frac{1}{2}$ W

1925

From which,

A pinon, 8 ins. diam., bears N. 34° E., 51 lks. dist., marked T36S R4 $\frac{1}{2}$ W S8 BT.

A pinon, 10 ins. diam., bears S. 51° E., 29 lks. dist., marked T36S R4 $\frac{1}{2}$ W S17 BT.

80.24 The original cor. of secs. 7, 12, 13 and 18, which is a sandstone, 10 x 8 x 8 ins. above ground, firmly set; marked 4 notches on S. edge and 2 notches on N. edge,

From which,

A yellow pine, 24 ins. diam., bears N. 65° E., 8 lks. dist., marked S7 T36S R4 $\frac{1}{2}$ W BT. I efface the marks on this tree.

A yellow pine, 16 ins. diam., bears S. 68° W., 73 lks. dist., marked S13 T36S R5W BT. I remark tree, T36S R5W S13 BT.

A yellow pine, 30 ins. diam., bears N. 18° W., 86 lks. dist., marked S12BT. I remark tree T36S R5W S12BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 12 and 13 only, with brass cap marked.

T36S	T36S
S12	R4 $\frac{1}{2}$ W
S13	S8
R5W	

1925

Land, rolling, with a general westerly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, scattering yellow pine, juniper and pinon on N. portion of mile. Good grazing.

Chains

N. 0°17' E., on resurvey line along the E. bdy. sec. 12.  
Over rolling land through scattering undergrowth and  
dense timber.

4.23 Cor. No. 1 of forest homestead entry survey No. 86, which  
is a sandstone, 20 x 18 x 12 ins. above ground, firmly  
set, marked and witnessed as described in the official  
records of the survey of this entry. Thence along W.  
bdy. of forest homestead entry No. 86.

5.94 Northing of 40.00 chs. from the cor. of secs. 8 and 17.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for 1/4 sec. cor. sec. 8 only, with brass cap  
marked.

1/4 S8

1925

From which,

A yellow pine, 28 ins. diam., bears N. 59° E., 88 lks.  
dist., marked 1/4 S8 BT.

A yellow pine, 20 ins. diam., bears S. 62° E., 114 lks.  
dist., marked 1/4 S8 BT.

6.30 Hillsdale Creek channel, dry, 50 lks. wide, 4 ft. deep,  
drains W. Thence across cultivated land.

23.50 Pole fence, bears NW. and SE. From this cor., the NW.  
cor. of J.S. Wilson's four room frame house, bears  
S. 48° E., 8.00 chs. dist.

23.65 Road, bears NW. and SE.

25.19 Cor. No. 2 of forest homestead entry survey No. 86, which  
is a limestone, 18 x 10 x 8 ins. above ground, firmly  
set, marked and witnessed as described in the official  
records of the survey of this entry.

40.08 The 1/4 sec. cor. originally for secs. 7 and 12, which is  
a sandstone, 12 x 10 x 10 ins. above ground, firmly  
set, marked 1/4 on N. face.

From which,

A pinon, 10 ins. diam., bears N. 85° W., 26 lks.  
dist., marked 1/4 S BT. I remark tree 1/4 S12 BT.

A pinon, 5 ins. diam., bears N. 7° W., 35 lks.  
dist., marked 1/4 S BT. I remark tree 1/4 S12 BT.

Resurvey of West Boundary, 1925

Chains

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 12 only, with brass cap marked.

$\frac{1}{4}$  S12

1925

No suitable bearing trees to the SW. available.

Note: The north  $\frac{1}{2}$  miles of this boundary were not retraced by the forest service, therefore, from the  $\frac{1}{4}$  sec. cor. sec. 12.

North, on retracement line along E. bdy. sec. 12 with continuous measurement.

80.05 Fall 3 lks. W. of the original cor. secs. 1, 6, 7 and 12, hereinafter described.

The course of this half mile therefore is N.  $0^{\circ}02'$  E., and the distance is 39:97 chs.

Thence, from the  $\frac{1}{4}$  sec. cor. sec. 12.

N:  $0^{\circ}02'$  E., on resurvey line along the E. bdy. sec. 12, with continuous measurement.

42.20 Draw, 30 ft. deep, drains W.

45.94 Northing of 40.00 chs. from the  $\frac{1}{4}$  sec. cor. sec. 8.

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

T36S	T36S
	S3
R5W	S8
S12	R4 $\frac{1}{2}$ W

1925

From which,

A yellow pine, 10 ins. diam., bears N.  $79^{\circ}$  E., 110 lks. dist., marked T36S R4 $\frac{1}{2}$ W S5 BT.

A yellow pine, 12 ins. diam., bears S.  $61^{\circ}$  E., 104 lks. dist., marked T36S R4 $\frac{1}{2}$ W S8 BT.

48.50 Rolling top of spur, 30 ft. high, projects W.

58.00 Open draw, 40 ft. deep, drains W.

80.05 The original cor. of secs. 1, 6, 7 and 12, which is a

Resurvey of West Boundary, T. 36 S., R. 4 1/2 W.

Chains

decayed pine stump, 8 ins. diam., 2 ft. high, marked with 5 grooves on S. face and 1 groove on N. face:

From which,

A dead yellow pine, 18 ins. diam., bears N. 69° E.,

42 lks. dist., marked S6 T36S R4W. BT. I efface the

marks on this tree.

A yellow pine, 12 ins. diam., bears N. 40° W., 21 lks.

dist., marked S1 T36S R5W BT. I remark tree T36S R5W

S1 BT.

A yellow pine, 20 ins. diam., bears N. 82°30' W., 115

lks. dist., marked S12 T36S R5W BT. I remark tree

T36S R5W S1 BT.

Alongside the original cor..

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

T36S	T36S
S1	R4 1/2 W
S12	
R5W	S8

1925

No suitable SW. bearing tree available..

Land, rolling, with a general westerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense juniper, pinon and yellow pine.

Good grazing.

North, on retracement line along the E. bdy. sec. 1.

40.11 Fall 65 lks. E. of the original 1/4 sec. cor. secs. 1 and 6, hereinafter described..

The course of this half mile therefore is, N. 0°56' W., and the distance is 40.12 chs.

Offset to cor. and continue N. with continuous measurement.

79.20 Fall 100 lks. W. of the closing cor. of Ts. 36 S., Rs.

41 and 5 W., hereinafter described.

Chains

The course of this half mile therefore is  $N. 1^{\circ} 28' E.$ , and the distance is 39.10 chs.

Thence,

From the cor. of secs. 1 and 12.

$N. 0^{\circ} 56' W.$ , on resurvey line, along the E. bdy. sec. 1.

Over rolling land through scattering undergrowth and medium dense timber.

3.97 A yellow pine, 12 ins. diam., which I mark as line tree.

4.20 Top of low ridge, 20 ft. high, bears  $N. 75^{\circ} W.$  and  $S. 75^{\circ} E.$

5.89 Northing of 40.00 chs. from the cor. sec. 5 and 8.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 5 only, with brass cap marked.

$\frac{1}{4}$  S5  
1925

From which,

A yellow pine, 20 ins. diam., bears  $N. 23^{\circ} E.$ , 61 lks. dist., marked  $\frac{1}{4}$  S5 BT.

A yellow pine, 20 ins. diam., bears  $S. 27^{\circ} 30' E.$ , 246 lks. dist., marked  $\frac{1}{4}$  S5 BT.

14.70 Open draw, 30 ft. deep, drains W.

18.00 Spur, 20 ft. high, projects  $N. 60^{\circ} W.$

31.40 Wash, 10 lks. wide, 5 ft. deep, in bottom of draw, 50 ft. deep, drains W.

35.00 Spur, 30 ft. high, projects W.

40.12 The sec. cor. sec. 1 and 6, which is a pinon, 12 ins. diam., marked  $\frac{1}{4}$  S on W. face.

From which,

A pinon, 8 ins. diam., bears  $N. 42^{\circ} E.$ , 13 lks. dist., marked  $\frac{1}{4}$  S BT. I efface the marks on this tree.

A pinon, 8 ins. diam., bears  $N. 25^{\circ} W.$ , 23 lks. dist., marked  $\frac{1}{4}$  S BT. I remark tree  $\frac{1}{4}$  S1 BT.

Alongside the original cor.

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

Chains

... 1925  
 Take an additional bearing tree as follows.  
 A yellow pine, 20 ins. diam., bears S. 36° W., 127 lks. dist., marked  $\frac{1}{4}$  S1 BT.

Thence, N. 1°28' E., with continuous measurement.

- 41.60 Timber becomes scattering, bears NW. and SE.
- 45.78 Northing of 40.00 chs. from the  $\frac{1}{4}$  sec. cor. sec. 5.  
 Set a trachyte, 20 x 8 x 6 ins., 12 ins. in the ground, marked with a cross (X) on top of stone.
- 53.00 Bottom of open draw, 50 ft. deep, drains W.
- 55.60 Wash, 30 lks. wide, 15 ft. deep, drains N. 75° W.
- 57.00 Road, bears E. and W.
- 68.50 Spur, 40 ft. high, projects N. 70° W.
- 79.22 The closing cor. of Ts. 36 S., Rs. 4 $\frac{1}{2}$  and 5 W., which is a sandstone, 10 x 10 x 8 ins. above ground, marked with 6 notches on E. S. and W. edges.

Alongside the original cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. of Ts. 36 S., Rs. 4 $\frac{1}{2}$  and 5 W., with brass cap marked.

T35S R4 $\frac{1}{2}$ W  
 S31 ✓  


---

 S1 | S5  
 R5W | R4 $\frac{1}{2}$ W  
 T36S  
 CC  
 1925

From which,

A juniper, 10 ins. diam., bears S. 56° W., 601 lks. dist., marked T36S R5W S1 CC BT.

No other suitable bearing tree available.

Note: From this cor.; the standard cor. of Ts. 35 S., Rs. 4 $\frac{1}{2}$  and 5 W., bears N. 89°39' W., 10.08 chs. dist.

Land, rolling, with a general westerly exposure and drainage.

Soil, deep clay and sand loam; 3rd rate. Good grazing. Timber, medium dense and scattering juniper, pinon and yellow pine. Undergrowth, scattering sedgebrush.

Resurvey Seventh Standard Parallel, South, Through R. 4 $\frac{1}{2}$  W.

Chains arland

From the standard cor. Ts. 35 S., Rs. 4 $\frac{1}{2}$  and 5 W., hereinafter described.

40.33 East, on retracement line along the S. bdy. sec. 31  
 Fall 24 lks. N. of the standard  $\frac{1}{4}$  sec. cor. sec. 31, hereinafter described.

The course of this half mile therefore is, S. 89°39' E., and the distance is 40.33 chs.

Offset to the  $\frac{1}{4}$  sec. cor. and continue E. with continuous measurement.

80.70 Fall 41 lks. N. of the standard cor. secs. 31 and 32, hereinafter described.

The course of this half mile therefore is S. 89°25' E., and the distance is 40.37 chs.

Thence,

From the standard cor. Ts. 35 S., Rs. 4 $\frac{1}{2}$  and 5 W., which is a sandstone, 10 x 8 x 8 ins. above ground, firmly set, marked with 6 notches on all four edges and SC on N. face and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for standard cor. Ts. 35 S., Rs. 4 $\frac{1}{2}$  and 5 W., with brass cap marked.

SC	
T35S	
R5W	R4 $\frac{1}{2}$ W
S16	S31

1925

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

Thence,

S. 89°39' E., on resurvey line along the S. bdy. sec. 31.

Over rolling land through scattering undergrowth and timber.

10.08 The closing cor. of Ts. 36 S., Rs. 4 $\frac{1}{2}$  and 5 W.

19.00 Wash, 15 lks. wide, 5 ft. deep, drains SW.

40.33 The standard  $\frac{1}{4}$  sec. cor. sec. 31, which is a quartzite, 13 x 12 x 12 ins. above ground, firmly set, marked  $\frac{1}{4}$  SC on N. face and unwitnessed.

Resurvey Seventh Standard Parallel South Through R. 4 $\frac{1}{2}$  W.

Chains

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor. sec. 31, with brass cap marked.

SC  
 $\frac{1}{4}$  S31

1925

From which,

A pinon, 6 ins. diam., bears N. 47° E., 308 lks. dist., marked  $\frac{1}{4}$  S31 SC BT.

No other suitable bearing trees available.

Thence,

S. 89°25' E., with continuous measurement.

47.00 Enter dense juniper and pinon timber, bears N. and S.

57.86 Point for the closing cor. secs. 4 and 5, hereinafter described.

76.00 Ridge, 70 ft. high, bears NW. and SE.

80.70 The standard cor. of secs. 31 and 32, which is a sandstone 12 x 10 x 8 ins. above ground, marked 5 notches on E. edge and 1 notch on W. edge and SC on N. face.

From which,

A pinon, 12 ins. diam., bears N. 62° E., 80 lks. dist. marked T35S R4W S32 BT. I remark tree T35S R4 $\frac{1}{2}$ W S33 BT.

No other bearing trees found.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor secs. 31 and 33, with brass cap marked.

S | C  
T35S | R4 $\frac{1}{2}$ W  
S31 | S33 ✓

1925

Take a bearing tree in sec. 31 as follows.

A juniper, 14 ins. diam., bears N. 69° W., 188 lks. dist., marked T35S R4 $\frac{1}{2}$ W S31 SC BT.

Land, rolling, with a general westerly exposure and drainage.

## Resurvey Seventh Standard Parallel South Through R. 4 W.

## Chains:

Soil, shallow loose clay, sand and rock; 3rd rate.  
 Undergrowth, scattering sage and bitter brush.  
 Timber, scattering and dense juniper and pinon on portions  
 of mile.  
 Good grazing.

Survey Seventh Standard Parallel South Through R. 4 $\frac{1}{2}$  W.

From the standard cor. secs. 31 and 33.

East, on random line along the N. bdy. of the township  
 setting  $\frac{1}{2}$  sec. and sec. cors. at intervals of 40 and  
 80 chs. and at:

284.29 Intersect the W. bdy. sec. 31, T. 35 S., R. 4 W., North,  
 33 chs. dist. from the SW. cor. T. 35 S., R. 4 W. and  
 South, 7 chs. dist. from the  $\frac{1}{2}$  sec. cor. on W. bdy.  
 sec. 31.

At point of intersection.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in  
 the ground, for closing standard cor. of Ts. 35 and 36  
 S., R. 4 $\frac{1}{2}$  W., with brass cap marked.

SC	
T35S	
C S36	T35S
C S1	R4W
R4 $\frac{1}{2}$ W	S31

1925

From which,

A yellow pine, 10 ins. diam., bears N. 27°30' W., 29 lks.  
 dist., marked T35S R4 $\frac{1}{2}$ W S36 SC CC BT.

No other suitable bearing trees available.

Thence,

West, on true line along the S. bdy. sec. 36.

Descend gradually over broken mountainous land through  
 dense timber and scattering undergrowth.

16.60 Wood road, bears NE. and SW.

20.00 Wash, 50 lks. wide, 15 ft. deep, in bottom of draw, 150 ft.  
 below cor., drains N. 30° E.; ascend gradual SE. slope.

Survey Seventh Standard Parallel South Through R. 4 $\frac{1}{2}$  W.

Chains

- 32.00 Spur, 130 ft. above wash, projects NE.; descend gradual NW. slope.
- 34.20 Draw, 20 ft. below spur, drains NE.; ascend abrupt SE. slope.
- 39.00 Spur, 80 ft. above draw, projects N. 20° E.; descend gradual W. slope.
- 40.00 On gradual W. slope, 10 ft. below spur.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked.

SC  
 $\frac{1}{4}$  S36

1925

From which,

A yellow pine, 12 ins. diam., bears N. 43° E., 101 lks. dist., marked  $\frac{1}{4}$  S36 SC BT.

A yellow pine, 24 ins. diam., bears N. 66° W., 77 lks. dist., marked  $\frac{1}{4}$  S36 SC BT.

- 46.80 Draw, 90 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend gradual SE. slope.
- 54.70 Spur, 100 ft. above draw, projects N. 30° E., descend abrupt W. slope.
- 65.00 Draw, 120 ft. below spur, drains NE.; ascend gradual SE. slope.
- 67.35 Point for the closing cor. secs. 1 and 2, hereinafter described.
- 75.00 Spur, 160 ft. above draw, projects N. 30° E.; descend abrupt NW. slope.
- 80.00 On abrupt W. slope, 100 ft. below spur.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. secs. 35 and 36, with brass cap marked.

S C  
T35S | R4 $\frac{1}{2}$ W  
S35 | S36

1925

From which,

Survey Seventh Standard Parallel Section 35

Chains

A spruce, 10 ins. diam., bears N. 60° E., 104 lks. dist., marked T35S R4 1/2 W S36 SC BT.

A yellow pine, 14 ins. diam., bears N. 14° W., 49 lks. dist., marked T35S R4 1/2 W S35 SC BT.

Land, broken and mountainous with a general northeasterly exposure and drainage.

Soil, shallow red clay and shale; 4th rate.

Undergrowth, scattering sagebrush.

Timber, dense aspen, spruce and yellow pine.

Good grazing.

West, along the S. bdy. sec. 35.

Descend abrupt SW. slope of broken mountainous land through scattering undergrowth and dense timber.

2.00 Draw, 40 ft. below cor., drains NW.; ascend abrupt NE. slope.

7.20 Spur, 50 ft. above draw, projects N.; descend abrupt W. slope.

12.20 Draw, 80 ft. below spur, drains N. 20° E.; ascend gradual E. slope.

15.80 Spur, 50 ft. above draw, projects N. 20° E.; descend abrupt W. slope.

18.70 Draw, 40 ft. below spur, drains NE.; ascend gradual SE. slope.

40.00 On broken SE. slope, 150 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for standard sec. cor., with brass cap marked.

SC  
1/4 S35 ✓

1925

From which,

A balsam, 6 ins. diam., bears N. 18° E., 98 lks. dist., marked 1/4 S35 SC BT.

A yellow pine, 18 ins. diam., bears N. 52° W., 108 lks. dist., marked 1/4 S35 SC BT.

Surrey Seventh Standard Parallel South Through R. 4 $\frac{1}{2}$  W.

Chains

- 54.60 Ridge, 160 ft. above the  $\frac{1}{4}$  sec. cor., bears N. and S.; descend abrupt SW. slope.
- 67.45 True point for the closing cor. secs. 2 and 3.
- 67.75 The witness cor. to the closing cor. secs. 2 and 3, hereinafter described.
- 68.50 Draw, 150 ft. below ridge, drains S. 75° W.; ascend gradually over broken S. slope.
- 80.00 On broken S. slope, 20 ft. above draw.  
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for standard cor. secs. 34 and 35, with brass cap marked.

	S	C
T358	R4 $\frac{1}{2}$ W	
S34	S35	

1925

From which,

A cattail pine, 8 ins. diam., bears N. 72° E., 12 lks. dist., marked T358 R4 $\frac{1}{2}$ W S35 SC BT.

A yellow pine, 12 ins. diam., bears N. 15° W., 105 lks. dist., marked T358 R4 $\frac{1}{2}$ W S34 SC BT.

Land, broken and mountainous with a general northerly exposure and drainage.

Soil, shallow red clay and shale; 4th rate.

Undergrowth, scattering sagebrush.

Timber, dense juniper, balsam, cattail and red pine, aspen spruce and yellow pine.

Good grazing.

West, along the S. bdy. sec. 34.

Ascend gradually over broken S. slope of rough mountainous land through dense timber and scattering undergrowth.

12.50 Spur, 70 ft. above cor., projects S. 10° W.; descend gradual W. slope.

18.40 Gulch, 80 ft. below spur, drains S.; ascend abrupt E. slope.

33.50 Spur, 120 ft. above gulch, projects SE.; descend gradual SW. slope.

Survey Seventh Standard Parallel South, Through Sec. 4, T.

Chains

Guided

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. falls on abrupt N. slope in loose shale where it is impossible to set a permanent cor.

42.41 On abrupt N. slope, 60 ft. below spur.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the standard  $\frac{1}{4}$  sec. cor. sec. 34, with brass cap marked.

$\frac{1}{4}$  S34  
WC

1925

From which,

A cattail pine, 8 ins. diam., bears N. 70° E., 25 lks. dist., marked WC  $\frac{1}{4}$  S34 SC BT.

No other suitable bearing tree available.

54.50 Descent becomes abrupt, bears N. and S.

67.28 At base of abrupt descent, 600 ft. below the witness cor. to the standard  $\frac{1}{4}$  sec. cor.; point for the closing cor. secs. 3 and 4, hereinafter described. Thence descend gradual W. slope.

80.00 On gentle W. slope, 50 ft. below base of abrupt descent. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. secs. 33 and 34, with brass cap marked.

	S	C
T35S	R4 $\frac{1}{2}$ W	
S33	S34	

1925

From which,

A pinon, 10 ins. diam., bears N. 56° E., 54 lks. dist., marked T35S R4 $\frac{1}{2}$ W S34 SC BT.

A pinon, 8 ins. diam., bears N. 38° W., 72 lks. dist., marked T35S R4 $\frac{1}{2}$ W S33 SC BT.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow red clay and shale; 4th rate.

Undergrowth, scattering sage and bitter brush.

Timber, dense juniper, pinon, spruce, fir and yellow pine.

Good grazing.

Survey Seventh Standard Parallel South, Through R. 4 $\frac{1}{2}$  W.

Chains

- West, along the S. bdy. sec. 33.  
Descend gradually over rolling land through dense timber and scattering undergrowth.  
15.00 Leave timber, bears NW. and SE.  
34.41 The witness point to the original closing cor. secs. 5 and 6, heretofore described.  
34.50 Enter scattering timber, bears NW. and SE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked.

SC  
 $\frac{1}{4}$  S33

1925

From which,

A cedar, 8 ins. diam., bears N. 76° W., 77 lks. dist., marked  $\frac{1}{4}$  S33 SC BT.

No other suitable bearing trees available.

- 40.50 Wash, 30 lks. wide, 4 ft. deep, drains NW.  
44.29 The standard cor. secs. 31 and 33, heretofore described.

Land, rolling with a general westerly exposure and drainage.

Soil, deep clay and sand loam; 2nd rate.

Undergrowth, scattering sage and bitter brush.

Timber, scattering and dense juniper, pinon and yellow pine.

Good grazing.

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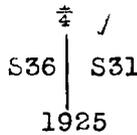
Survey Of East Boundary, T. 36 S., R. 4 $\frac{1}{2}$  W.

- From the cor. of Ts. 36 and 37 S., Rs. 4 and 4 $\frac{1}{2}$  W., which is an iron post, set, marked and witnessed as described in the finished notes of the survey T. 36 S., R. 4 W. North, bet. secs. 31 and 36, along the E. bdy. of the township.  
Descend abrupt N. slope through dense timber and undergrowth over rolling mountainous land.

Survey Of East Boundary, T<sub>36</sub>S., R<sub>4</sub>W.

Chains

- 9.20 Draw, <sup>below</sup> 120 ft./cor., drains NE.; ascend abrupt SE. slope.
- 16.50 Enter flat top of spur, 100 ft. above draw, bears NE. and SW.
- 26.80 Leave top of spur, bears NE. and SW.; descend gradual NW. slope.
- 31.91 A yellow pine, 20 ins. diam., which I mark as line tree.
- 40.00 On gradual NW. slope, 170 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which,

A yellow pine, 16 ins. diam., bears N. 63° E., 18 lks. dist., marked  $\frac{1}{4}$  S31 BT.

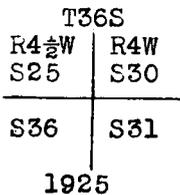
A yellow pine, 8 ins. diam., bears N. 60° W., 42 lks. dist., marked  $\frac{1}{4}$  S36 BT.

- 63.20 Draw, 190 ft. below the  $\frac{1}{4}$ -sec. cor., drains NE.; ascend gradual SE. slope.

- 70.00 Spur, 40 ft. above draw, projects NE.; descend gradual NW. slope.

- 80.00 On gradual NW. slope, 60 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 25, 30, 31 and 36, with brass cap marked.



From which,

A yellow pine, 16 ins. diam., bears N. 65° E., 71 lks. dist., marked T36S R4W S30 BT.

A yellow pine, 18 ins. diam., bears S. 55° E., 47 lks. dist., marked T36S R4W S31 BT.

A yellow pine, 18 ins. diam., bears S. 61° W., 44 lks. dist., marked T36S R4 $\frac{1}{2}$ W S36 BT.

Chains

A yellow pine, 14 ins. diam., bears N. 47° W., 68 lks. dist., marked T36S R4 $\frac{1}{2}$ W S25 BT.

From this cor., a cor. set by the Forest Service, which is a sandstone, 18 x 10 x 10 ins. above ground, marked 5 notches on N. edge and 1 notch on S. edge and witnessed by one bearing tree, bears S. 71° W., 470 lks. dist. I efface the marks on cor. and bearing tree.

Land, rolling and mountainous with a general northeasterly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, dense manzanita and sagebrush.

Timber, dense spruce, aspen, cedar, and yellow pine.

Good grazing.

North, bet. secs. 25 and 30.

Descend gradually over rolling mountainous land through dense timber and undergrowth.

- 3.30 Leave timber and enter open bottom of wide draw called Blue Fly; bears E. and W.
- 6.80 Road, bears E. and W.
- 7.00 Wash, 20 lks. wide, 2 ft. deep, in bottom of Blue Fly, 120 ft. below cor., drains E.; ascend gradual S. slope.
- 9.50 Leave bottom of Blue Fly and enter dense timber, bears E. and W.; ascend abrupt S. slope.
- 20.00 Spur, 120 ft. above Blue Fly, projects E.; descend gradual N. slope.
- 36.10 Old road, bears E. and W.
- 36.50 Wash, 15 lks. wide, 15 ft. deep, in bottom of open draw, 100 ft. below spur, drains E.
- 40.00 At mouth of open draw, drains from the N.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

Survey of East Boundary, T. 33 S., R. 7 E.

Chains

From which,

A yellow pine, 12 ins. diam., bears N. 15° E., 250 lks. dist., marked  $\frac{1}{4}$  S30 BT.

A yellow pine, 10 ins. diam., bears N. 5° W., 280 lks. dist., marked  $\frac{1}{4}$  S25 BT.

From this cor., a sandstone, 12 x 10 x 10 ins. above ground, marked  $\frac{1}{4}$  on W. face and witnessed by one bearing tree, bears S. 70°30' W., 4.70 chs. dist. I efface the marks on cor. and bearing tree.

Thence ascend gradually along bottom of draw.

51.00 Leave bottom of draw, drains S. from the NW.; ascend gradual S. slope.

55.00 Ridge, 170 ft. above the  $\frac{1}{4}$  sec. cor.; bears E. and W.; descend gradual N. slope.

57.00 Head of draw, 20 ft. below ridge, drains NE.; ascend gradual SE. slope.

67.00 Spur, 30 ft. above draw, projects NE.; descend gradual NW. slope.

80.00 In bottom of shallow draw, 80 ft. below spur, drains NE. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 19, 24, 25 and 30, with brass cap marked.

T36S	
R4 $\frac{1}{2}$ W	R4W
S24	S19
S25	S30

1925

From which,

A yellow pine, 10 ins. diam., bears N. 72° E., 50 lks. dist., marked T36S R4W S19 BT.

A yellow pine, 10 ins. diam., bears S. 80° E., 65 lks. dist., marked T36S R4W S30 BT.

A yellow pine, 6 ins. diam., bears S. 16° W., 62 lks. dist., marked T36S R4 $\frac{1}{2}$ W S25 BT.

A yellow pine, 8 ins. diam., bears N. 47° W., 92 lks. dist., marked T36S R4 $\frac{1}{2}$ W S24 BT.

Chains

From this cor., a limestone, 16 x 12 x 8 ins. above ground, marked with 4 notches on N. edge and 2 notches on S. edge and witnessed by two bearing trees, bears S. 72° W., 4.74 chs. dist. I efface the marks on the stone and bearing trees.

Land, rolling and mountainous, with a general easterly exposure and drainage...

Soil, shallow, clay, sand and shale loam; 2nd rate.

Undergrowth, dense manzanita.

Timber, dense aspen, spruce, fir, cedar and yellow pine.

Good grazing.

North, bet. secs. 19 and 24.

Ascend gradual SE. slope of rolling mountainous land through dense timber and undergrowth.

4.50 Spur, 20 ft. above cor., projects NE.; descend gradual NW. slope.

11.30 Leave timber and enter rolling bottom of Right Fork Blue Fly, bears N. 70° W. and S. 70° E..

16.20 Wash, 10 lks. wide, 5 ft. deep, in bottom of Right Fork Blue Fly, 50 ft. below spur, drains S. 70° E.; ascend gradual S. slope.

22.50 Leave bottom of Right Fork Blue Fly and enter dense timber, bears NW. and SE.

25.00 Ascent becomes abrupt, bears NW. and SE.

37.50 Spur, 130 ft. above Right Fork Blue Fly, projects S. 35° E.; descend gradual NE. slope.

40.00 On gradual NE. slope, 10 ft. below top of spur.

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

$\frac{1}{4}$   
 S24 | S19  
 1925

From which,

A yellow pine, 10 ins. diam., bears S. 10° E., 60 lks. dist., marked  $\frac{1}{4}$  S19 BT.

Survey of East Boundary, T36S, R. 47W.

Chains

infant

A yellow pine, 10 ins. diam., bears S. 12° W., 77 lks. dist., marked 1/4 S24 BT.

From this cor., a sandstone, 12 x 12 x 8 ins. above ground, marked 1/4 on W. face and witnessed by two bearing trees, bears S. 71°30' W., 470 lks. dist. I efface the marks on cor. and bearing trees.

43.60 Draw, 60 ft. below cor., drains SE.; ascend gradual SW. slope.

49.70 Spur, 50 ft. above draw, projects SE.; descend gradual NE. slope.

54.30 Draw, 30 ft. below spur, drains N. 30° E.; ascend gradual S. slope.

56.20 Ridge, which forms the divide bet. Ollie Hollow and Right Fork Blue Fly, 40 ft. above draw, bears E. and W.; descend gradual N. slope.

65.50 Draw, 40 ft. below ridge, drains N. 30° E.; ascend gradual SE. slope.

73.50 Spur, 30 ft. above draw, projects NE.; descend gradual NW. slope.

80.00 In rolling bottom of Ollie Hollow, drains E., 60 ft. below spur.

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

T36S	
R4 1/2 W	R4W
S13	S18
S24	S19

1925

From which,

A yellow pine, 6 ins. diam., bears N. 65° E., 47 lks. dist., marked T36S R4W S18 BT.

A yellow pine, 10 ins. diam., bears S. 68° E., 80 lks. dist., marked T36S R4W S19 BT.

A yellow pine, 8 ins. diam., bears S. 36° W., 16 lks. dist., marked T36S R4 1/2 W S24 BT.

A yellow pine, 12 ins. diam., bears N. 9° W., 385 lks. dist., marked T36S R4 1/2 W S13 BT.

Chains

From this cor., a limestone, 10 x 10 x 10 ins. above ground, marked with 3 notches on N. and S. edges and witnessed by two bearing trees, bears S. 74°17' W., 4.41 chs. dist. I efface the marks on the stone and bearing trees.

Land, rolling and mountainous with a general easterly exposure and drainage.

Soil, shallow loose clay and sand; 3rd rate.

Undergrowth, dense manzanita.

Timber, dense aspen, spruce, cedar, balsam and yellow pine on portions of mile.

Good grazing.

North, bet. secs. 13 and 18.

Over rolling mountainous land through dense timber and undergrowth.

16.50 Base of abrupt ascent, bears E. and W.

25.20 Spur, 320 ft. above cor., projects E.; descend gradual N. slope.

30.00 Small spring of good water, bears East, 12.50 chs. dist.

31.80 Draw, 40 ft. below spur, drains E.; ascend gradual S. slope.

35.70 Spur, 40 ft. above draw, projects SE.; descend abrupt NE. slope.

40.00 On abrupt N. slope, 80 ft. below spur.

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

$\frac{1}{4}$   
S13 | S18  
1925

From which,

A yellow pine, 16 ins. diam., bears S. 5° E., 58 lks. dist., marked  $\frac{1}{4}$  S18 BT.

A fir, 8 ins. diam., bears N. 7°30' W., 17 lks. dist., marked  $\frac{1}{4}$  S13 BT.

Survey Of East Boundary, T. 33 S., R. 37 W.

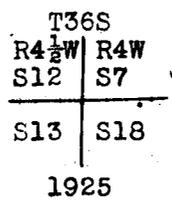
Chains

From this cor., a limestone, 12 x 10 x 8 ins., above ground, marked  $\frac{1}{4}$  on W. face and witnessed by two bearing trees, bears S. 74°17' W., 17 lks. dist. I efface the marks on cor. and bearing trees.

42.50 Draw, 20 ft. below the  $\frac{1}{4}$  sec. cor., drains E; ascend gradual S. slope.

45.70 Ridge, 30 ft. above draw, bears NE. and SW.; descend gradual NW. slope.

80.00 In bottom of open draw, 120 ft. below ridge, drains NE. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 7, 12, 13 and 18, with brass cap marked.



From which,  
 A yellow pine, 16 ins. diam., bears S. 48° E., 359 lks. dist., marked T36S R4W S18 BT.

No other suitable bearing trees available.

From this cor., a limestone, 10 x 10 x 10 ins., marked 2 notches on N. edge and 4 notches on S. edge, unwitnessed, bears S. 83°28' W., 475 lks. dist. I efface the marks on this cor.

Land, rolling and mountainous with a general northeasterly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, dense manzanita, sagebrush, and scrub mahogany.

Timber, dense juniper, cedar, pinon, spruce, aspen, fir, cattail and yellow pine.

Good grazing.

North, bet. secs. 7 and 12.  
 Ascend gradually over rolling mountainous land through dense undergrowth.

Chains

- 9.50 Enter dense timber, bears NE. and SW.
- 16.30 Spur, 70 ft. above cor., projects NE.; descend gradual NW slope.
- 27.40 Draw, 50 ft. below spur, drains E.; ascend gradual S. slope.
- 34.60 Spur, 70 ft. above draw, projects NE.; descend gradual NW slope.
- 40.00 On gradual NW. slope, 30 ft. below spur.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
 S12 | S7  
 1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
No suitable bearing trees available.

From this cor., a limestone, 15 x 10 x 6 ins. above ground, marked  $\frac{1}{4}$  on W. face and unwitnessed, bears S. 83° W., 475 lks. dist. I efface the marks on this stone.

- 46.70 Draw, 70 ft. below cor., drains N. 60° E.; ascend gradual SE. slope.
- 53.20 Spur, 30 ft. above draw, projects E.; descend gradual N. slope.
- 57.20 Draw, 30 ft. below spur, drains S. 75° E.; ascend gradual S. slope.
- 74.50 Ascent becomes abrupt, bears E. and W.
- 80.00 On abrupt S. slope, 220 ft. above draw.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 6, 7 and 12, with brass cap marked.

T36S  
 R4 $\frac{1}{2}$ W | R4W }  
 S1 | S6  
 S12 | S7  
 1925

From which,

A fir, 16 ins. diam., bears N. 46° E., 72 lks. dist., marked T36S R4W S6 BT.

Survey of East Boundary, T. 36 N., R. 41 W.

Chains

marked

A cattail pine, 12 ins. diam., bears S. 41° E., 66 lks. dist., marked T36S R4W S7 BT.

A pinon, 10 ins. diam., bears S. 7° W., 27 lks. dist., marked T36S R4½W S12 BT.

A pinon, 8 ins. diam., bears N. 23° W., 37 lks. dist., marked T36S R4½W S1 BT.

From this cor., a limestone, 10 x 8 x 8 ins. above ground, marked 5 notches on S. edge and 1 notch on N. edge; witnessed by 4 bearing trees, bears S. 83° W., 4.75 chs. dist. I efface the marks on stone and bearing trees.

Land, rolling and mountainous with a general easterly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, dense sagebrush, mahogany, manzanita, and blackbrush.

Timber, dense juniper, pinon, cattail and yellow pine on N. portion of mile.

Good grazing.

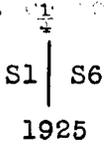
North, bet. secs. 1 and 6.

Ascend abrupt S. slope of mountainous land through dense timber and scattering undergrowth.

7.80 Ridge, 180 ft. above cor., bears N. 60° W. and S. 60° E.; descend abrupt N. slope.

40.00 On abrupt N. slope, 410 ft. below ridge.

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



From which,

A yellow pine, 6 ins. diam., bears S. 65° E., 9 lks. dist., marked 1/4 S6 BT.

A yellow pine, 12 ins. diam., bears S. 7° W., 63 lks. dist., marked 1/4 S1 BT.

**Survey of East Boundary, T. 36 S., R. 4½ W.**

**Chains**

- From this cor., a sandstone, 12 x 12 x 6 ins. above ground, marked  $\frac{1}{4}$  on W. face and witnessed by one bearing tree, bears S. 83°25' W., 4.80 chs. dist. I efface the marks on this stone and bearing tree.
- 51.50 Draw, 50 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 60° E.; ascend gradual SE. slope.
- 55.00 Spur, 30 ft. above draw, projects NE.; descend gradual NW. slope.
- 60.00 Draw, 30 ft. below spur, drains NE.; ascend gradual SE. slope.
- 77.80 Rolling top of low ridge which forms the divide bet. the East and West Forks Sevier River, 50 ft. above draw, bears E. and W.
- 79.69 Intersect the seventh standard parallel south, N. 89°45' E., 12.65 chs. dist. from the standard SW. cor. of T. 36 S., R. 4 W., heretofore described in the finished notes of the survey of T. 36 S., R. 4 W.
- At point of intersection, on gradual N. slope, 30 ft. below ridge.
- Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. Ts. 36 S., Rs. 4 and 4½ W., with brass cap marked.

T36S R4W  
S31

S1	S6
R4½W	R4W
T36S	
CC	
1925 ..	

From which,

A yellow pine, 12 ins. diam., bears S. 52°30' E., 86 lks. dist., marked T36S R4W S6 CC BT.

A yellow pine, 10 ins. diam., bears S. 12° W., 55 lks. dist., marked T36S R4½W S1 CC BT.

Land, rolling and mountainous with a general northerly exposure and drainage. Soil, shallow clay and shale, 3rd rate. Undergrowth, scattering manzanita. Timber, dense yellow pine, cedar, spruce and fir.

Good grazing.

Chains

an iron

From the cor. of Ts. 36 and 37 S., Rs. 4 and 4 1/2 W., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the finished notes of the survey of T. 36 S., R. 4 W.

West, bet. secs. 1 and 36, along the S. bdy. of the township.

Descend gradually over rolling mountainous land through dense timber and undergrowth.

10.85 A fir, 16 ins. diam., which I mark as line tree.

17.80 Draw, 60 ft. below cor., drains NE.; ascend gradual SE. slope.

22.05 A yellow pine, 20 ins. diam., which I mark for line tree.

32.79 A yellow pine, 24 ins. diam., which I mark for line tree.

40.00 On rolling top of ridge, 130 ft. above draw, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.

S36  
S1  
1925

From which,

A yellow pine, 24 ins. diam., bears S. 35° W., 83 lks. dist., marked S1 BT.

A yellow pine, 30 ins. diam., bears N. 34° W., 55 lks. dist., marked S36 BT.

From this cor., a limestone, 12 x 10 x 6 ins. above ground, marked on N. face and witnessed by one bearing tree, bears S. 59°30' W., 280 lks. dist. I efface the marks on cor. and tree.

Traverse across rolling top of ridge.

47.70 Leave rolling top of ridge, bears N. 20° E. and S. 20° W.; descend abrupt NW. slope.

58.50 Draw, 240 ft. below ridge, drains N.; ascend abrupt E. slope.

66.30 Spur, 100 ft. above draw, projects N.; descend gradual W. slope.

Survey South Boundary, T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

- .70.70 Draw, 40 ft. below spur, drains N.; ascend abrupt E. slope.
- 75.60 Spur, 60 ft. above draw, projects N.; descend abrupt W. slope.
- 80.00 On abrupt SW. slope, 120 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 1, 2, 35 and 36, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S35	S36
S2	S1
T37S	

1925

From which,

- A yellow pine, 12 ins. diam., bears N. 0°30' E., 72 lks. dist., marked T36S R4 $\frac{1}{2}$ W S36 BT.
- A fir, 12 ins. diam., bears S. 28° E., 32 lks. dist., marked T37S R4 $\frac{1}{2}$ W S1 BT.
- A yellow pine, 12 ins. diam., bears S. 18° W., 28 lks. dist., marked T37S R4 $\frac{1}{2}$ W S2 BT.
- A yellow pine, 12 ins. diam., bears N. 61° W., 45 lks. dist., marked T36S R4 $\frac{1}{2}$ W S35 BT.

From this cor., a limestone, 10 x 8 x 6 ins. above ground, marked 5 notches on W. edge and 1 notch on E. edge, and witnessed by two bearing trees, bears S. 38° W., 2.11 chs. dist. I efface the marks on cor. and trees.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, dense manzanita.

Timber, dense cedar, spruce, fir and yellow pine.

Good grazing.

West, bet. secs. 2 and 35.

Descend abrupt SW. slope of rolling mountainous land through dense timber and undergrowth.

- 10.30 Wash, 10 lks. wide, 5 ft. deep, in bottom of draw, 160 ft. below cor., drains N.; ascend gradual SE. slope.

Survey South Boundary, T36S R4½W.

Chains

acres

39.00 Ridge, 260 ft. above draw, bears N. 30° E. and S. 30° W. descend gradual NW. slope.

40.00 On gradual NW. slope, near top of ridge. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

S35  
 $\frac{1}{4}$   
 S2

1925

From which,

A balsam, 6 ins. diam., bears N. 4°30' E., 49 lks. dist., marked ¼ S35 BT.

A balsam, 6 ins. diam., bears S. 60° W., 72 lks. dist., marked ¼ S2 BT.

The marks on bearing trees and cor. which bears in a southwesterly direction, had previously been destroyed.

46.40 Draw, 30 ft. below the ¼ sec. cor., drains NE.; ascend gradual SE. slope.

56.60 Spur, 160 ft. above draw, projects N. 30° E.; descend abrupt NW. slope.

68.00 Draw, 180 ft. below spur, drains N.; ascend gradually along abrupt S. slope near bottom of draw from the W.

80.00 On abrupt N. slope, 60 ft. above draw, on S. side of small draw which drains E.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 2, 3, 34 and 35, with brass cap marked.

T36S | R4½W  
 S34 | S35  
 S3 | S2  
 T37S

1925

From which,

A fir, 6 ins. diam., bears N. 10° E., 10 lks. dist., marked T36S R4½W S35 BT.

A yellow pine, 12 ins. diam., bears S. 50° E., 46 lks. dist., marked T37S R4½W S2 BT.

Chains

A fir, 16 ins. diam., bears S. 70° W., 33 lks.

dist., marked T37S R4½W S3 BT.

A fir, 6 ins. diam., bears N. 67°30' W., 38 lks.

dist., marked T36S R4½W S34 BT.

The marks on the cor. and bearing trees, which bear in a southwesterly direction, have been previously destroyed.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, dense manzanita.

Timber, dense aspen, cedar, fir, balsam and yellow pine.

Good grazing.

West, bet. secs. 3 and 34.

Ascend gradually over broken mountainous land through dense timber and undergrowth.

3.00 Draw, 20 ft. deep, drains N. 85° E.; continue ascent.

6.53 A yellow pine, 10 ins. diam., which I mark for line tree.

12.40 Ridge, 140 ft. above draw, bears N. and S.; descend abrupt W. slope.

25.30 Bottom of draw, 160 ft. below ridge, drains N. 10° E.; ascend abrupt E. slope.

40.00 On abrupt E. slope, 200 ft. above draw.

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

S34

S3

1925

From which,

A yellow pine, 10 ins. diam., bears N. 48° E., 58 lks. dist., marked ¼ S34 BT.

A balsam, 9 ins. diam., bears S. 50° W., 20 lks. dist., marked ¼ S3 BT.

49.00 Spur, 80 ft. above the ¼ sec. cor., projects NE.; descend abrupt W. slope.

Survey South Boundary, T. 16 S., R. 4 $\frac{1}{2}$  W.

Chains

- 53.30 A yellow pine, 14 ins. diam., which I mark for line tree.
- 72.70 Bottom of open draw called Blue Fly, 320 ft. below spur, drains N. 30° E.; ascend abrupt E. slope.
- 80.00 On abrupt E. slope, 140 ft. above draw.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 3, 4, 33 and 34, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S33	S34
S4	S3
T37S	
1925	

From which,

A yellow pine, 14 ins. diam., bears N. 69° E., 27 lks. dist., marked T36S R4 $\frac{1}{2}$ W S34 BT.

A yellow pine, 8 ins. diam., bears S. 68° E., 5 lks. dist., marked T37S R4 $\frac{1}{2}$ W S3 BT.

A yellow pine, 16 ins. diam., bears S. 25° W., 61 lks. dist., marked T37S R4 $\frac{1}{2}$ W S4 BT.

A balsam, 8 ins. diam., bears N. 75°30' W., 120 lks. dist., marked T36S R4 $\frac{1}{2}$ W S33 BT.

Land, rough and mountainous with a general northeasterly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, dense manzanita.

Timber, dense aspen, cedar, balsam, spruce, fir and yellow pine.

Good grazing.

West, bet. secs. 4 and 33.

Ascend abrupt E. slope of broken mountainous land through dense timber and undergrowth.

14.00 Top of main ridge, 170 ft. above cor., bears N. and S.; descend abrupt SW. slope.

25.60 Top of perpendicular ledge, 75 ft. high, bears N. and S.

34.00 Head of draw, 600 ft. below ridge, drains N. 35° W.; ascend abrupt NE. slope.

Survey South Boundary, T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

38.00 Spur, 50 ft. above head of draw, projects NW.; descend gradual SW. slope.

40.00 On gradual SW. slope, 20 ft. below spur.

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

$\frac{1}{4}$	S33 ✓
	S4

1925

From which,

A juniper, 10 ins. diam., bears N. 30° E., 30 lks. dist., marked  $\frac{1}{4}$  S33 BT.

A juniper, 8 ins. diam., bears S. 70° W., 63 lks. dist., marked  $\frac{1}{4}$  S4 BT.

68.00 Wash, 20 lks. wide, 10 ft. deep, in bottom of Left Fork Proctor Canyon, 380 ft. below the  $\frac{1}{4}$  sec. cor., drains S. 35° W.; ascend abrupt E. slope over ledges.

69.70 Trail, bears N. 35° E. and S. 35° W.

73.32 At base of inaccessible ledges, 40 ft. above wash, bears N. and S.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. of secs. 4, 5, 32 and 33, with brass cap marked.

	T36S	R4 $\frac{1}{2}$ W
	S32	S33 ✓
WC	S5	S4
	T37S	

1925

From which,

A red cedar, 12 ins. diam., bears S. 9° W., 43 lks. dist., marked WC T37S R4 $\frac{1}{2}$ W S4 BT.

A pinon, 8 ins. diam., bears N. 9° E., 69 lks. dist., marked T36S R4 $\frac{1}{2}$ W S33 BT.

No other suitable bearing trees available.

80.00 True point for the sec. cor. falls in inaccessible ledges. Land, broken and mountainous with a general westerly

Survey South Boundary, T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, dense manzanita.

Timber, dense cedar, juniper, pinon, fir, spruce, balsam,  
mahogany and yellow pine.

Good grazing.

West, bet. secs. 5 and 32.

Over broken mountainous land through dense timber and  
scattering undergrowth.

It being impossible to reach true point for cor. secs.

4, 5, 32 and 33, I commence at the witness cor to said  
secs. which is East, 6.68 chs. dist. from the true cor.  
point, thence on offset line as follows.

South, 10.00 chs. dist.

West, 19.18 chs. dist.

North, 10.00 chs. dist. to:

- 12.50 Distance counted from true point for sec. cor.; point on  
true line, thence W. on true line.
- 16.50 Proctor Creek, stream of muddy water, 2 lks. wide, 2 ins.  
deep, in wash, 50 lks. wide, 20 ft. deep, in bottom of  
Proctor Canyon, drains NW.; ascend gradually along  
S. side of open canyon.
- 20.00 Base of abrupt ascent over broken NE. slope, bears NW.  
and SE.
- 40.00 On abrupt NE. slope, 550 ft. above canyon.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S32 ✓  
 $\frac{1}{4}$  ———  
S5

1925

From which,

A juniper, 6 ins. diam., bears S. 41° E., 7 lks.  
dist., marked  $\frac{1}{4}$  S5 BT.

A spruce, 10 ins. diam., bears N. 30° W., 7 lks.  
dist., marked  $\frac{1}{4}$  S32 BT.

Chad 28

50.02 Intersect the E. bdy. of T. 37 S., R. 5 W., South, 33.67 chs. dist. from the closing cor. Ts. 36 and 37 S., R. 5 W., which is an iron post, set, marked and witnessed as described in the finished notes of the survey of T. 36 S., R. 5 W.

At point of intersection, Set the cor. of Ts. 36 and 37 S. R. 4½ W., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the finished notes of the survey T. 36 S., R. 5 W.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow sand, clay and rock; 3rd rate.

Undergrowth, scattering sage and buck brush.

Timber, dense juniper, pinon, spruce and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4½ W.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, heretofore described.

N. 0°01' W., bet. secs. 35 and 36.

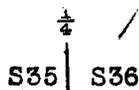
Descend gradually over rolling mountainous land through dense timber and scattering undergrowth.

22.00 Wash, 10 lks. wide, 3 ft. deep, in bottom of open draw, 200 ft. below cor., drains N. 35° E.; ascend gradual SE. slope,

39.00 Spur, 170 ft. above draw, projects NE.; descend gradual NW. slope.

40.00 On gradual NW. slope, 10 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.



Subdivision of T. 36 S., R. 4 W.

an 30.00

Chains

From which,

- A yellow pine, 6 ins. diam., bears N. 62° E., 49 lks. dist., marked  $\frac{1}{4}$  S36 BT.
- A yellow pine, 12 ins. diam., bears N. 70° W., 45 lks. dist., marked  $\frac{1}{4}$  S35 BT.
- 51.80 Draw, 100 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend gradual SE. slope.
- 54.20 Spur, 90 ft. above draw, projects NE.; descend gradual NW. slope.
- 65.50 Leave timber and enter rolling bottom of Blue Fly, bears E. and W.
- 66.00 Wash, 8 lks. wide, 2 ft. deep, in bottom of Blue Fly, 90 ft. below spur, drains E.
- 66.30 Road, bears E. and W.
- 70.70 Leave bottom of Blue Fly and enter dense timber, bears E. and W.
- 80.00 On top of spur, 210 ft. above Blue Fly, projects SE. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 25, 26, 35 and 36, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S26	S25
S35	S36
1925	

From which,

- A yellow pine, 10 ins. diam., bears N. 42° E., 37 lks. dist., marked T36S R4 $\frac{1}{2}$ W S25 BT.
- A cattail pine, 10 ins. diam., bears S, 70° E., 57 lks. dist., marked T36S R4 $\frac{1}{2}$ W S36 BT.
- A cattail pine, 10 ins. diam., bears S. 27° W., 55 lks. dist., marked T36S R4 $\frac{1}{2}$ W S35 BT.
- A yellow pine, 10 ins. diam., bears N. 62° W., 44 lks. dist., marked T36S R4 $\frac{1}{2}$ W S26 BT.

Land, rolling and mountainous with a general northeasterly exposure and drainage.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

## Chains

Soil, shallow, loose clay, sand and rock; 3rd rate.

Undergrowth, scattering sagebrush and manzanita.

Timber, dense red cedar, aspen, spruce, fir, balsam,  
cattail and yellow pine, on portions of mile.

Good grazing.

East, on random line bet. secs. 25 and 36.

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

80.06 Fall 5 lks. N. of the cor. secs. 25, 30, 31 and 36, on  
the E. bdy. of the township, heretofore described.

Thence,

N. 89°58' W., on true line bet. secs. 25 and 36.

Descend gradual NW. slope of rolling mountainous land  
through dense timber and scattering undergrowth.

7.20 Leave timber and enter rolling bottom of Blue Fly, bears  
NE. and SW.

13.60 Road, bears N. 70° E. and S. 70° W.

14.20 Wash, 20 lks. wide, 10 ft. deep, in bottom of Blue Fly,  
60 ft. below cor., drains N. 60° E.

40.03 At N. edge of bottom of Blue Fly, bears N. 75° E. and  
S. 75° W.

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

S25 ✓  
—  
S36  
1925

From which,

A yellow pine, 6 ins. diam., bears S. 88° W., 152 lks.  
dist., marked  $\frac{1}{4}$  S36 BT.

A yellow pine, 27 ins. diam., bears N. 78° W., 121 lks.  
dist., marked  $\frac{1}{4}$  S25 BT.

Thence ascend gradually over rolling S. slope.

49.00 Mouth of draw from the N.; thence ascend abrupt SE. slope.

52.60 Spur, 180 ft. above Blue Fly, projects SE.; descend  
gradual SW. slope.

## Subdivision of T. 35 S., R. 41 W.

Chains

- 61.80 Draw, 40 ft. below spur, drains SE.; ascend gradual NE. slope.
- 66.80 Spur, 60 ft. above draw, projects S.; descend gradual W. slope.
- 73.60 Draw, 100 ft. below spur, drains S. 20° E., ascend abrupt SE. slope.
- 80.06 The cor. of secs. 25, 26, 35 and 36, 130 ft. above draw. Land, rolling and mountainous with a general southerly and northerly exposure and drainage. Soil, shallow red clay and shale; 3rd rate. Undergrowth, scattering sagebrush and manzanita. Timber, dense aspen, spruce, balsam, cedar, cattail and yellow pine on portions of mile. Good grazing.

N. 0°01' W., bet. secs. 25 and 26.

Descend gradual NE. slope of rolling mountainous land through dense timber and scattering undergrowth.

- 12.40 Draw, 50 ft. below cor., drains SE.; ascend gradual SW. slope.
- 18.30 Ridge, 80 ft. above draw, bears E. and W.; descend gradual N. slope.
- 28.30 Draw, 100 ft. below ridge, drains NE.; ascend gradual SE. slope.
- 35.80 Spur, 40 ft. above draw, projects NE.; descend gradual NE. slope.
- 40.00 On gradual NW. slope, 30 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$  /  
 S26 | S25  
 1925

From which,

A yellow pine, 14 ins. diam., bears S. 84° E., 67 lks. dist., marked  $\frac{1}{4}$  S25 BT.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

- A yellow pine, 8 ins. diam., bears S. 46° W., 26 lks. dist., marked  $\frac{1}{4}$  S26 BT..
- 50.00 Open draw, 80 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend gradual SE. slope.
- 55.00 Spur, 30 ft. above draw, projects NE.; descend gradual NW. slope.
- 62.40 Open draw, 40 ft. below spur, drains E.; ascend gradual S. slope.
- 76.50 Spur, 140 ft. above draw, projects SE.; descend gradually over abrupt E. slope.
- 80.00 On abrupt E. slope, 40 ft. below spur.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 23, 24, 25 and 26, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S23	S24 ✓
S26	S25
1925	

From which,

- A yellow pine, 6 ins. diam., bears N. 70° E., 68 lks. dist., marked T36S R4 $\frac{1}{2}$ W S24 BT.
- A yellow pine, 8 ins. diam., bears S. 23° E., 15 lks. dist., marked T36S R4 $\frac{1}{2}$ W S25 BT.
- A cattail pine, 10 ins. diam., bears S. 34° W., 50 lks. dist., marked T36S R4 $\frac{1}{2}$ W S26 BT.
- A yellow pine, 15 ins. diam., bears N. 82° W., 10 lks. dist., marked T36S R4 $\frac{1}{2}$ W S23 BT.

Land, rolling and mountainous with a general northeasterly and southeasterly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering sagebrush and manzanita.

Timber, dense spruce, cedar, fir, balsam, cattail and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 1/2 W.

Chains	
	S. 89° 58' E., on random line bet. secs. 24 and 25.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect. the E. bdy. of the township, 5 lks. S. of the cor. secs. 19, 24, 25 and 30, heretofore described.
	Thence,
	West, on true line bet. secs. 24 and 25.
	Ascend gradual SE. slope of rolling mountainous land through dense timber and scattering undergrowth.
9.20	Spur, 60 ft. above cor., projects NE.; descend gradual NW. slope.
25.00	Draw, 40 ft. below spur, drains NE.; ascend gradual SE. slope.
40.00	On rolling SE. slope, 80 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.
	$\frac{S24 \checkmark}{\frac{1}{4}} \\ S25 \\ 1925$
	From which,
	A yellow pine, 12 ins. diam., bears N. 26° E., 65 lks. dist., marked 1/4 S24 BT.
	A yellow pine, 10 ins. diam., bears S. 9° W., 12 lks. dist., marked 1/4 S25 BT.
49.20	Spur, 50 ft. above the 1/4 sec. cor., projects NE.; descend gradual NW. slope.
53.00	Draw, 40 ft. below spur, drains N. 25° E.; ascend gradual SE. slope.
64.00	Ridge, 40 ft. above draw, bears NW. and SE.; descend gradual SW. slope.
77.70	Draw, 60 ft. below ridge, drains S. 35° E.; ascend gradual NE. slope.
80.00	The cor. secs. 23, 24, 25 and 26, 50 ft. above draw.
	Land, rolling and mountainous with a general northeasterly exposure and drainage.
	Soil, shallow red clay and shale; 3rd rate.

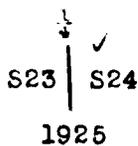
**Chains**

Undergrowth, scattering sagebrush and manzanita.  
 Timber, dense spruce, cedar, balsam, cattail and yellow  
 pine.  
 Good grazing.

N. 0° 01' W., bet . secs. 23 and 24.

Descend gradual NE. slope of rolling mountainous land  
 through dense timber and scattering undergrowth.

- 2.00 Head of draw, 20 ft. below cor., drains SE.; ascend  
 gradual SW. slope.
- 4.80 Ridge, 40 ft. above head of draw, bears E. and W.;  
 descend gradual N. slope.
- 11.30 Draw, 30 ft. below ridge, drains N. 60° E.; ascend gradual  
 SE. slope.
- 15.00 Spur, 30 ft. above draw, projects NE.; descend gradual  
 NW. slope.
- 33.80 Draw, 80 ft. below spur, drains NE.; ascend gradual SE.  
 slope.
- 36.80 Spur, 30 ft. above draw, projects NE.; descend gradual  
 NW. slope.
- 40.00 At mouth of open draw, 30 ft. below spur, drains from the  
 SW.  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
 ground, for ¼ sec. cor., with brass cap marked.



From which,

A yellow pine, 18 ins. diam., bears N. 17° E., 110 lks.  
 dist., marked ¼ S24 BT.

A yellow pine, 30 ins. diam., bears S. 3° W., 144 lks.  
 dist., marked ¼ S23 BT.

Continue gradual descent.

- 52.00 Bottom of Right Fork Blue Fly, 20 ft. below the ¼ sec.  
 cor., drains S. 80° E.; ascend gradually along open  
 bottom of draw which drains from the N.

Subdivision of T. 36 N., R. 41 W.

Billings

Chains

- 57.00 Leave bottom of draw, drains S. from the NW.; ascend gradual SW. slope.
- 70.00 Spur, 30 ft. above draw, projects SE.; descend gradual NE. slope.
- 80.00 In bottom of wide draw, 30 ft. below spur, drains S. 10° E. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 13, 14, 23 and 24, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S14	S13
S23	S24
1925	

From which,

- A yellow pine, 10 ins. diam., bears N. 60° E., 7 lks. dist., marked T36S R4 $\frac{1}{2}$ W S13 BT.
- A yellow pine, 15 ins. diam., bears S. 76° E., 118 lks. dist., marked T36S R4 $\frac{1}{2}$ W S24 BT.
- A yellow pine, 12 ins. diam., bears S. 19° W., 55 lks. dist., marked T36S R4 $\frac{1}{2}$ W S23 BT.
- A yellow pine, 24 ins. diam., bears N. 33° W., 154 lks. dist., marked T36S R4 $\frac{1}{2}$ W S14 BT.

Land, rolling and mountainous with a general easterly exposure and drainage.

Soil, shallow loose sand, clay and shale; 3rd rate.

Undergrowth, scattering sagerush and manzanita.

Timber, dense aspen, balsam, spruce, fir, cattail and yellow pine.

Good grazing.

East, on random line bet. secs. 13 and 24.

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

80.12 Intersect the E. bdy. of the township, 5 lks. S. of the cor. secs. 13, 18, 19 and 24, heretofore described.

Thence,

S. 89° 58' W., on true line bet. secs. 13 and 24.

Ascend gradually along open bottom of Ollie Hollow, through

Subdivision of T. 36 S., R. 4 1/2 W.

Chains

scattering undergrowth..

25.50 Leave bottom of Ollie Hollow, drains E. from the NW.; ascend gradual NE. slope, through dense timber.

38.00 Spur, 150 ft. above sec. cor., projects N.; descend gradual W. slope.

40.00 On gradual W. slope, 20 ft. below spur.

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

S13  
-----  
S24  
1925

From which,

A yellow pine, 12 ins. diam., bears N. 48° E., 23 lks. dist., marked S13 BT.

A yellow pine, 16 ins. diam., bears S. 78° W., 28 lks. dist., marked S24 BT.

41.00 Reenter bottom of Ollie Hollow, drains NE. from the W., 20 ft. below the sec. cor.; thence along bottom of hollow.

49.00 Leave bottom of Ollie Hollow, drains E. from the NW.; ascend gradual NE. slope.

66.00 Top of divide bet. Ollie Hollow and right fork Blue Fly, 150 ft. above hollow, bears NW. and SE.; descend abrupt SW. slope.

80.12 The cor. of secs. 13, 14, 23 and 24, 140 ft. below divide.

Land, rolling and mountainous with a general easterly and westerly exposure and drainage..

Soil, shallow sand, clay and shale; 3rd rate.

Undergrowth, scattering sagebrush and manzanita.

Timber, dense aspen, cedar, spruce, balsam, cattail and yellow pine on W. portion of mile.

Good grazing.

Subdivision of T. 36 S., R. 41 W.

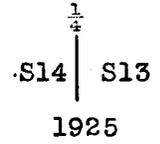
Chains

N. 0°01' W., bet. secs. 13 and 14.  
Ascend gradually along bottom of wide draw through dense timber and scattering undergrowth.

20.00 Leave bottom of draw, drains S. from N. 20° W.; ascend gradual SW. slope.

31.50 Top of divide bet. the East and West Forks Sevier River, 160 ft. above cor., bears E. and W.; descend gradual N. slope.

40.00 On gradual N. slope, 100 ft. below top of divide.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which,

A fir, 20 ins. diam., bears S. 66° E., 23 lks. dist., marked  $\frac{1}{4}$  S13 BT.

A yellow pine, 18 ins. diam., bears N. 68° W., 33 lks. dist., marked  $\frac{1}{4}$  S14 BT.

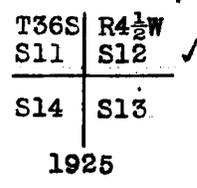
50.00 Draw, 80 ft. below cor., drains W.; ascend gradual N. slope.

59.00 Top of divide bet. the East and West Forks Sevier River, 120 ft. above draw, bears N. and SE.; thence along top of divide, timber becomes scattering, bears E. and W.

72.00 Leave top of divide, bears S. and NW.; descend gradual NE. slope.

78.00 Draw, 50 ft. below divide, drains E.; ascend gradual S. slope.

80.00 On gradual S. slope, 20 ft. above draw.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 11, 12, 13 and 14, with brass cap marked.



Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

Deposit a sandstone, 18' x 6' x 6' ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

Land, rolling and mountainous with a general easterly and westerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattering sagebrush, manzanita and mahogany.

Timber, dense and scattering aspen fir, cedar, spruce, balsam, cattail and yellow pine on portions of mile.

Good grazing.

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

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

80.28 Intersect the E. bdy. of the township, 5 lks. S. of the cor. secs. 7, 12, 13 and 18, heretofore described.

Thence,

S. 89°56' W.; on true line bet. secs. 12 and 13.

Descend gradually over rolling mountainous land through dense undergrowth.

6.00 Draw, 20 ft. below cor., drains NE.; ascend gradual SE. slope.

8.00 Enter dense timber, bears NE. and SW.

40.14 On gradual SE. slope, 150 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S12}{S13}$

1925

From which,

A pinon, 12 ins. diam., bears N. 85° E., 22 lks. dist., marked  $\frac{1}{4}$  S12 BT.

A juniper, 10 ins. diam., bears S. 64° W., 10 lks. dist., marked  $\frac{1}{4}$  S13 BT.

65.00 Leave timber, bears N. and S.

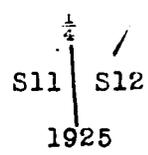
Subdivision of T. 36 S., R. 4 1/2 W.

Chains

80.28 The cor. of secs. 11, 12, 13 and 14, 50 ft. above the 1/4 sec. cor.  
 Land, rolling and mountainous with a general southeasterly exposure and drainage.  
 Soil, shallow loose clay, sand and rock; 3rd rate.  
 Undergrowth, dense sagebrush.  
 Timber, dense juniper and pinon on portion of mile.  
 Good grazing.

N. 0°01' W., bet. secs. 11 and 12.  
 Ascend gradually over rolling mountainous land through dense undergrowth.

- 15.00 Spur, 80 ft. above cor., projects E.; descend gradual N. slope.
- 23.20 Enter dense timber, bears NE. and SW.
- 31.50 Draw, 50 ft. below spur, drains E.; ascend gradual S. slope.
- 35.30 Spur, 30 ft. above draw, projects E.; descend gradual N. slope.
- 38.00 Draw, 30 ft. below spur, drains E.; ascend gradual S. slope.
- 40.00 On top of spur, 30 ft. above draw, projects E.  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.



from which,

- A yellow pine, 6 ins. diam., bears S. 14° E., 29 lks. dist., marked 1/4 S12 BT.
- A yellow pine, 8 ins. diam., bears N. 17° W., 18 lks. dist., marked 1/4 S11 BT.

- 44.00 Draw, 30 ft. below cor., drains E.; ascend gradual S. slope.
- 52.50 Ascent becomes abrupt, bears E. and W.
- 65.00 Top of divide bet. East And West Forks Sevier River, 280 ft. above draw, bears E. and W.; descend gradual N. slope.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

**Chains**

80.00 On gradual N. slope, 190 ft. below top of divide.  
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 1, 2, 11 and 12, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S2	S1
S11	S12

1925

From which,

A fir, 12 ins. diam., bears N. 15° E., 47 lks. dist., marked T36S R4 $\frac{1}{2}$ W S1 BT.

A fir, 14 ins. diam., bears S. 54° E., 32 lks. dist., marked T36S R4 $\frac{1}{2}$ W S12 BT.

A fir, 16 ins. diam., bears S. 7° W., 38 lks. dist., marked T36S R4 $\frac{1}{2}$ W S11 BT.

A balsam, 6 ins. diam., bears N. 78° W., 49 lks. dist., marked T36S R4 $\frac{1}{2}$ W S2 BT.

Land, rolling and mountainous with a general northerly and southerly exposure and drainage.

Soil, shallow sand, clay and rock; 3rd rate.

Undergrowth, dense sagebrush, manzanita and mahogany.

Timber, dense spruce, fir, cedar, juniper, pinon, cattail and yellow pine on N. portion of mile.

Good grazing.

N. 89°56' E., on random line bet. secs. 1 and 12.

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

80.20 Intersect the E. bdy. of the township, 5 lks. N. of the cor. secs. 1, 6, 7 and 12, heretofore described.

Thence,

S. 89°58' W., on true line bet. secs. 1 and 12.

Ascend gradually over abrupt S. slope of mountainous land through scattering undergrowth and dense timber.

15.00 Top of divide bet. the East And West Forks Sevier River, 170 ft. above cor., bears N. 70° E. and S. 70° W.; descend gradually over abrupt N. slope.

## Subdivision of T. 36 S., R. 41 W.

Chains

- 40.10 On abrupt NW. slope, 80 ft. below top of divide.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\begin{array}{r} S1 \\ \hline S12 \\ 1925 \end{array}$$
- From which,  
A fir, 6 ins. diam., bears N. 50° E., 54 lks. dist., marked  $\frac{1}{4}$  S1 BT.  
A balsam, 6 ins. diam., bears S. 19° W., 26 lks. dist., marked  $\frac{1}{4}$  S12 BT.
- 49.00 Draw, 40 ft. below the  $\frac{1}{4}$  sec. cor., drains N.; ascend gradual E. slope.
- 53.20 Spur, 60 ft. above draw, projects N.; descend gradual W. slope.
- 57.00 Draw, 30 ft. below spur, drains N.; ascend gradual E. slope.
- 59.40 Spur, 30 ft. above draw, projects N.; descend gradual W. slope.
- 62.00 Draw, 30 ft. below spur, drains N. 10° E.; ascend gradual E. slope.
- 65.00 Spur, 30 ft. above draw, projects NE.; descend gradual NW. slope.
- 70.00 Draw, 70 ft. below spur, drains N.; ascend gradual E. slope.
- 77.00 Draw, 30 ft. deep, drains drains N.; continue gradual ascent.
- 80.20 The cor. of secs. 1, 2, 11 and 12, 70 ft. above draw.  
Land, rolling and mountainous with a general northerly and southerly exposure and drainage.  
Soil, shallow red clay and shale; 3rd rate.  
Undergrowth, scattering manzanita.  
Timber, dense cedar, juniper, pinon, fir, balsam, cattail and yellow pine.  
Good grazing.

Chains

N. 0°01' W., bet. secs. 1 and 2.

Descend gradual N. slope of rolling mountainous land through dense timber and scattering undergrowth.

3.26 A yellow pine, 18 ins. diam., which I mark as line tree.

11.40 Draw, 170 ft. below cor., drains N. 20° E.; continue gradual descent.

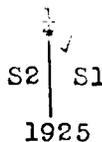
30.80 Spur, 150 ft. below draw, projects NE.; descend gradual NW. slope.

36.00 Draw, 100 ft. below spur, drains NE.; ascend gradual SE. slope.

39.50 Spur, 40 ft. above draw, projects NE.; descend gradual NW. slope.

40.00 On gradual NW. slope, 10 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.



From which,

A yellow pine, 15 ins. diam., bears N. 55° E., 25 lks. dist., marked S1 BT.

A yellow pine, 12 ins. diam., bears S. 4°30' W., 48 lks. dist., marked S2 BT.

54.00 Draw, 100 ft. below the sec. cor., drains NE.; ascend gradual SE. slope.

103.00 Spur, 150 ft. above draw, projects E.; descend abrupt N. slope.

112.60 Intersect the seventh standard parallel south, East, 12.65 chs. dist. from the standard cor. secs. 35 and 36, heretofore described.

At point of intersection, on broken SE. slope, 120 ft. below spur.

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

Subdivision of T. 36 S., R. 41 W.

Chains

T36S R41W  
S36

S2	S1
T36S R41W	T36S R41W
C	C

1925

From which,

A yellow pine, 6 ins. diam., bears S. 13° E., 93 lks. dist., marked T36S R41W S1 CC BT.

A yellow pine, 6 ins. diam., bears S. 44° W., 96 lks. dist., marked T36S R41W S2 CC BT.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense aspen balsam, fir, cedar, spruce, cattail and yellow pine.

Good grazing.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township, heretofore described.

N. 3° 01' W., bet. secs. 34 and 35.

Descend abrupt N. slope of rolling mountainous land through dense timber and scattering undergrowth.

.50 Draw, 20 ft. below cor., drains E.; ascend abrupt S. slope.

6.00 Spur, 70 ft. above draw, projects E.; descend gradual N. slope.

9.30 Head of draw, 40 ft. below spur, drains E.; ascend gradual S. slope.

13.60 Spur, 40 ft. above head of draw, projects N. 70° E.; descend gradual NW. slope.

22.30 Draw, 90 ft. below spur, drains N. 70° E.; ascend gradual S. slope.

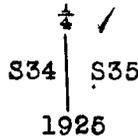
32.00 Spur, 70 ft. above draw, projects NE.; descend gradual NW. slope.

40.00 On gradual NW. slope, 110 ft. below spur.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

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



From which,

A fir, 8 ins. diam., bears N. 8° E., 41 lks. dist., marked  $\frac{1}{4}$  S35 BT.

A cattail pine, 5 ins. diam., bears S. 67° W., 28 lks. dist., marked  $\frac{1}{4}$  S34 BT.

52.20 Draw, 150 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend gradual SE. slope.

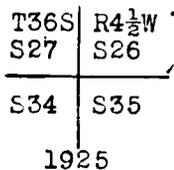
61.40 Spur, 40 ft. above draw, projects NE.; descend gradual NW. slope.

66.50 Open bottom of wide draw called Blue Fly, 70 ft. below spur, drains N. 75° E.; ascend gradual S. slope.

72.50 Ascent becomes abrupt, bears E. and W.

80.00 On abrupt SE. slope, 200 ft. above Blue Fly.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap marked.



From which,

A cattail pine, 10 ins. diam., bears N. 77° E., 107 lks. dist., marked T36S R4 $\frac{1}{2}$ W S26 BT.

A balsam, 10 ins. diam., bears S. 56° E., 31 lks. dist., marked T36S R4 $\frac{1}{2}$ W S35 BT.

A yellow pine, 8 ins. diam., bears S. 37° W., 40 lks. dist., marked T36S R4 $\frac{1}{2}$ W S34 BT.

A cedar, 12 ins. diam., bears N. 67° W., 53 lks. dist., marked T36S R4 $\frac{1}{2}$ W S27 BT.

Land, rolling and mountainous with a general northerly exposure and drainage.

Subdivision of T. 36 S., R. 41 W.

BR 1210

Chains

Soil, shallow loose red clay and shale; 3rd rate.  
 Undergrowth, scattering manzanita.  
 Timber, dense aspen, cedar, spruce, balsam, cattail  
 and yellow pine.  
 Good grazing.

East, on random line bet. secs. 26 and 35.

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

80.00 Intersect the cor. secs. 25, 26, 35 and 36.

Thence,

West, on true line bet. secs. 26 and 35.

Descend gradual SW. slope of rolling mountainous land  
 through dense timber and scattering undergrowth.

15.00 Draw, 80 ft. below cor., drains S.; ascend gradual E.  
 slope.

33.00 Spur, 100 ft. above draw, projects S.; descend gradual  
 W. slope.

37.00 Draw, 40 ft. below spur, drains S. 25° W.; ascend gradual  
 SE. slope.

40.00 On broken SE. slope, 20 ft. above draw.

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

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

1925

From which,

A cattail pine, 6 ins. diam., bears S. 23° E., 11 lks.  
 dist., marked  $\frac{1}{4}$  S35 BT.

A cedar, 12 ins. diam., bears N. 10° W., 66 lks.  
 dist., marked  $\frac{1}{4}$  S26 BT.

43.20 Spur, 80 ft. above cor., projects S.; descend gradual  
 W. slope.

50.40 Draw, 80 ft. below spur, drains S.; ascend gradual E. slope.

54.70 Spur, 80 ft. above draw, projects S.; descend gradual  
 W. slope.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

62.50 Bottom of wide draw, 80 ft. below spur, drains S.; ascend gradual E. slope.

80.00 The cor. of secs. 26, 27, 34 and 35, 60 ft. above draw. Land, rolling and mountainous with a general southerly exposure and drainage.

Soil, shallow loose red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense cedar, spruce, balsam, cattail and yellow pine.

Good grazing.

N. 0°01' W., bet. secs. 26 and 27.

Ascend abrupt S. slope of rolling mountainous land through dense timber and scattering undergrowth.

12.30 Ridge, 180 ft. above cor., bears E. and W.; descend gradual N. slope.

30.00 Draw, 130 ft. below ridge, drains NE.; ascend gradual SE. slope.

37.00 Spur, 50 ft. above draw, projects NE.; descend gradual NW. slope.

40.00 On gradual NW. slope, 30 ft. below spur.

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

$\frac{1}{4}$   
 S27 | S26  
 1925

From which,

A yellow pine, 18 ins. diam., bears S. 67° E., 37 lks. dist., marked  $\frac{1}{4}$  S26 BT.

A yellow pine, 10 ins. diam., bears S. 7° W., 36 lks. dist., marked  $\frac{1}{4}$  S27 BT.

53.50 Bottom of open draw, 80 ft. below the  $\frac{1}{4}$  sec. cor., drains E.; ascend gradual S. slope.

68.50 Spur, 80 ft. above draw, projects S. 20° E.; descend gradually along top of spur.

Subdivision of T. 35 S. R. 4 W.

Chains

76.00 Leave top of spur, bears N. 10° W. and S.; thence along abrupt E. slope of spur.

80.00 On gradual E. slope, 20 ft. below point of entering top of spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 22, 23, 26 and 27, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S22	S23 ✓

S27	S26
-----	-----

1925

From which,

A yellow pine, 8 ins. diam., bears N. 45° E., 79 lks. dist., marked T36S R4 $\frac{1}{2}$ W S23 BT.

A yellow pine, 10 ins. diam., bears S. 5° E., 61 lks. dist., marked T36S R4 $\frac{1}{2}$ W S26 BT.

A cedar, 8 ins. diam., bears S. 4°30' W., 36 lks. dist., marked T36S R4 $\frac{1}{2}$ W S27 BT.

A yellow pine, 10 ins. diam., bears N. 14° W., 48 lks. dist., marked T36S R4 $\frac{1}{2}$ W S22 BT.

Land, rolling and mountainous with a general northerly and southerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense balsam, spruce, fir, cattail and yellow pine.

Good grazing.

East, on random line bet. secs. 23 and 26.

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

79.90 Intersect. the N. and S. line, 21 lks. S. of the cor. secs. 23, 24, 25 and 26.

Thence,

S. 89°51' W., on true line bet. secs. 23 and 26.

Ascend gradual SE. slope of rolling mountainous land through scattering undergrowth and dense timber.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains	
3.60	Spur, .30 ft. above cor., projects S. 35° W.; descend gradual NW. slope.
12.80	Draw, 100 ft. below spur, drains S. 25° W.; ascend gradual SE. slope.
16.00	Spur, 40 ft. above draw, projects SW.; descend gradual NW. slope.
21.30	Draw, 60 ft. below spur, drains SE.; ascend gradual NE. slope.
35.20	Spur, 120 ft. above draw, projects SE.; descend gradual SW. slope.
39.50	Draw, 40 ft. below spur, drains SE.; ascend gradual NE. slope.
39.95	Near bottom of draw.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} S23 \\ \hline S26 \\ 1925 \end{array}$
	From which,
	A yellow pine, 6 ins. diam., bears S. 59° E., 30 lks. dist., marked $\frac{1}{4}$ S26 BT.
	A yellow pine, 8 ins. diam., bears N. 47° W., 20 lks. dist., marked $\frac{1}{4}$ S23 BT.
43.50	Ascent becomes abrupt, bears N. and S.
47.50	Flat top of spur, 80 ft. above draw, projects SE.; descend gradual SW. slope.
58.00	Draw, 100 ft. below spur, drains SE.; ascend gradual NE. slope.
74.20	Spur, 120 ft. above draw, projects S.; descend gradual W. slope.
78.30	Draw, 40 ft. above spur, drains S.; ascend gradual E. slope.
79.90	The cor. secs. 22, 23, 26 and 27, 20 ft. above draw. Land, rolling and mountainous with a general southerly exposure and drainage.

Subdivision of T. 36 S. R. 37 W.

Chains

Soil, shallow red clay and shale; Hard. ~~clay~~  
 Undergrowth, scattering manzanita and sagebrush.  
 Timber, dense aspen, balsam, spruce, fir, cattail and  
 yellow pine.  
 Good grazing.

N. 0° 01' W., bet. secs. 22 and 23.

Ascend gradual SW. slope of rolling mountainous land through  
 scattering undergrowth and dense timber.

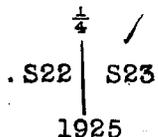
15.00 Top of divide bet. the East and West Forks Sevier River,  
 80 ft. above cor., bears N. 20° E. and S. 20° W.;  
 descend gradually over abrupt W. slope.

31.20 Head of draw, 100 ft. below divide, drains S. 75° W.;  
 ascend abrupt S. slope.

35.50 Spur, 100 ft. above head of draw, projects NW.; descend  
 abrupt N. slope.

40.00 On gradual NW. slope, 50 ft. below spur.

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



From which,

A cattail pine, 10 ins. diam., bears East, 24 lks.  
 dist., marked  $\frac{1}{4}$  S23 BT.

A yellow pine, 8 ins. diam., bears S. 82° W., 28 lks.  
 dist., marked  $\frac{1}{4}$  S22 BT.

44.50 Top of abrupt descent over broken N. slope, bears E. and W.

77.00 Gulch, 320 ft. below the  $\frac{1}{4}$  sec. cor., drains W.; ascend  
 abrupt S. slope over loose red shale.

77.30 Forest Service trail, bears E. and W.

80.00 On abrupt S. slope, 130 ft. above gulch, at the NE. point  
 of large limestone ledge.

Set an iron post, 3 ft. long, 2 ins. diam., 32 ins. in the  
 ground to bedrock and in a large mound of stone, for  
 cor. secs. 14, 15, 22 and 23, with brass cap marked.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

T36S	R4 $\frac{1}{2}$ W
S15	S14 ✓
S22	S23

1925

From which,

A yellow pine, 10 ins. diam., bears S. 79° W., 173 lks. dist., marked T36S R4 $\frac{1}{2}$ W S22 BT.

No other suitable bearing trees available.

Land, rolling and broken, with a general westerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense cedar, balsam, spruce, fir, cattail and yellow pine.

Good grazing.

N. 89°51' E., on random line bet. secs. 14 and 23.

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

80.00 Intersect the N. and S. line, 21 lks. N. of the cor. secs. 13, 14, 23 and 24.

Thence,

West, on true line bet. secs. 14 and 23.

Ascend gradual E. slope of broken mountainous land through dense timber and scattering undergrowth.

23.20 Spur, 100 ft. above cor., projects S.; descend gradual W. slope.

35.50 Draw, 100 ft. below spur, drains SE.; ascend gradual NE. slope.

40.00 On rolling E. slope, 40 ft. above draw.

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

$\frac{1}{4}$	S14 ✓
	S23

1925

From which,

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

1940

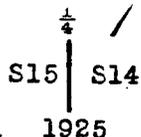
Chains	
	A yellow pine, 15 ins. diam., bears N. 52° E., 62 lks. dist., marked $\frac{1}{4}$ S 14 B T
	A yellow pine, 10 ins. diam., bears S. 20° E., 21 lks. dist., marked $\frac{1}{4}$ S23 BT.
42.30	Top of divide bet. the East and West Forks Sevier River, 30 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend abrupt W. slope.
50.00	Draw, 120 ft. below divide, drains N.; ascend abrupt E. slope.
55.00	Spur, 80 ft. above draw, projects N.; descend abrupt W. slope.
62.00	Draw, 120 ft. below spur, drains SW.; ascend abrupt NE. slope.
65.00	Spur, 50 ft. above draw, projects SW.; descend abrupt W. slope.
68.00	Draw, 80 ft. below spur, drains S. 20° W.; ascend abrupt SE. slope.
73.20	Spur, 80 ft. above draw, projects S.; descend abrupt SW. slope.
80.00	The cor. secs. 14, 15, 22 and 23, 170 ft. below spur. Land, broken and mountainous with a general southeasterly and southwesterly exposure and drainage. Soil, shallow red clay and shale; 3rd rate. Undergrowth, scattering manzanita. Timber, dense cedar, balsam, spruce, fir, cattail and yellow pine. Good grazing.
	N. 0°01' W., bet. secs. 14 and 15. Ascend abrupt S. slope of broken mountainous land through scattering timber and undergrowth.
14.00	Top of rocky spur, 320 ft. above cor., projects W.; descend abrupt N. slope of red ledges.
39.50	Bottom of main fork Wilson Canyon, 550 ft. below spur, drains N. 75° W.; ascend abrupt S. slope over ledges.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

40.00 Near bottom of Wilson Canyon.

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



From which,

A spruce, 12 ins. diam., bears N. 73° E., 31 lks. dist., marked  $\frac{1}{4}$  S14 BT.

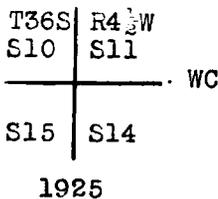
A yellow pine, 14 ins. diam., bears S. 85° W., 25 lks. dist., marked  $\frac{1}{4}$  S15 BT.

45.50 Rocky spur, 180 ft. above the  $\frac{1}{4}$  sec. cor., projects W.; descend abrupt N. slope over ledges.

56.30 Gulch, 180 ft. below spur, drains W.; ascend abrupt S. slope over ledges.

80.00 True point for the sec. cor. falls on broken E. face of ledge, 350 ft. above gulch, where it is impossible to set a permanent cor.; therefore at a point, S. 89°57' W., 5.54 chs. dist. from the true cor., point which is on line bet. secs. 10 and 15.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. secs. 10, 11, 14 and 15, with brass cap marked.



From which,

A yellow pine, 30 ins. diam., bears S. 82° E., 23 lks. dist., marked WC T36S R4 $\frac{1}{2}$ W S15 BT.

No other suitable bearing trees available.

Land, broken and mountainous with a general westerly exposure and drainage...

Soil, shallow red clay and shale; 3rd rate.

Subdivision of T. 36 S., Range W.

Chains

Undergrowth, scattering sagebrush and manzanita.

Timber, scattering cedar, juniper, pinon, spruce, fir,  
balsam, cattail and yellow pine.

Good grazing.

East, on random line bet. secs. 11 and 14, from true point  
for cor. secs. 10, 11, 14 and 15.

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

80.00 Intersect the cor. of secs. 11, 12, 13 and 14.

Thence,

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

Ascend gradual E. slope of broken mountainous land through  
scattering undergrowth.

10.00 Top of divide bet. the East and West Forks Sevier River,  
60 ft. above cor., bears N. and S.; descend gradual  
W. slope.

18.50 Descent becomes abrupt, bears N. and S.; enter dense  
timber, bears N. and S.

28.30 Gulch, 480 ft. below divide, drains S. 20° W.; ascend  
abrupt E. slope.

32.80 Spur, 300 ft. above gulch, projects S. 20° W.; descend  
abrupt W. slope.

38.50 Gulch, 250 ft. below spur, drains S.; ascend abrupt W.  
slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. falls in sliderock where  
it is impossible to set a permanent cor.

45.44 On abrupt E. slope near top of spur, 320 ft. above gulch.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground to bedrock and in a large mound of stone, for  
witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{S11}{\frac{1}{4}} \text{ WC}$   
S14

1925

From which,

A pinon, 10 ins. diam., bears N. 52° E., 28 lks.  
dist., marked WC  $\frac{1}{4}$  S11 BT.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

- A. pinon, 12 ins. diam., bears S. 50° W., 16 lks. dist., marked WC  $\frac{1}{4}$  S14 BT.
- 46.00 Spur, 20 ft. above the witness cor. to the  $\frac{1}{4}$  sec. cor., projects S.; descend abrupt W. slope.
- 57.70 Gulch, 280 ft. below spur, drains SE.; ascend abrupt NE. slope.
- 62.80 Rolling top of spur, 230 ft. above gulch, projects S.; descend gradual W. slope.
- 66.30 Descent becomes abrupt, bears N. and S.
- 73.50 Gulch, 320 ft. below spur, drains S.; ascend abrupt E. slope.
- 80.00 True point for the cor. secs. 10, 11, 14 and 15, which is N. 89°57' E., 5.54 chs. dist. from the witness cor. to said secs. and 300 ft. above gulch.
- Land, broken and mountainous with a general southerly exposure and drainage.
- Soil, shallow red clay, sand and rock; 3rd rate.
- Undergrowth, scattering sagebrush and mahogany.
- Timber, dense juniper and pinon on W. portion of mile.
- Good grazing.
- 
- From the true point for the cor. of secs. 10, 11, 14 and 15, which is N. 89°57' E., 5.54 chs. dist. from the witness cor. to said secs.
- N. 0°01' W., bet. secs. 10 and 11.
- Ascend abrupt W. slope of broken mountainous land through scattering undergrowth and dense timber.
- 8.00 Ridge, 210 ft. above cor., bears E. and W.; descend abrupt N. slope.
- 20.00 Bottom of canyon, 220 ft. below ridge, drains W.; ascend abrupt S. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. falls in ledges where it is impossible to set cor.
- 49.68 On top of spur, 320 ft. above canyon, projects SW.
- Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

2012850

witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$  ✓  
 S10 | S11  
 W | C  
 1925

Deposit a sandstone, 10 x 10 x 10 ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

Thence, descend gradual NW. slope.

59.00 Head of draw, 80 ft. below cor., drains SW.; ascend abrupt S. slope, over broken sandstone ledges.

63.70 Spur, 250 ft. above head of draw, projects E.; descend abrupt N. slope.

73.20 Draw, 120 ft. below spur, drains E.; ascend abrupt S. slope.

79.00 Ridge, 70 ft. above draw, bears N. 75° E. and S. 75° W. descend gradual N. slope.

80.00 On gradual N. slope, 10 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. secs, 2, 3, 10 and 11, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S3	S2 ✓
S10	S11

 1925

From which,

A cattail pine, 6 ins. diam., bears N. 23° E., 58 lks. dist., marked T36S R4 $\frac{1}{2}$ W S2 BT.

A cattail pine, 6 ins. diam., bears S. 34° E., 8 lks. dist., marked T36S R4 $\frac{1}{2}$ W S11 BT.

A yellow pine, 10 ins. diam., bears S. 43° W., 24 lks. dist., marked T36S R4 $\frac{1}{2}$ W S10 BT.

A cattail pine, 6 ins. diam., bears N. 79° W., 25 lks. dist., marked T36S R4 $\frac{1}{2}$ W S3 BT.

Land, broken and mountainous with a general westerly exposure and drainage.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita and mahogany.

Timber, dense juniper, pinon, cattail and yellow pine.

Good grazing.

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

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

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

Thence,

S. 89° 59' W., on true line bet. secs. 2 and 11.

Ascend gradually over series of small draws and spurs on abrupt W. slope of ridge through dense timber and scattering undergrowth.

40.01 On abrupt N. slope, 250 ft. above sec. cor.

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

S2  
 $\frac{1}{4}$  ———  
S11

1925

From which,

A yellow pine, 12 ins. diam., bears N. 31° E., 40 lks. dist., marked  $\frac{1}{4}$  S2 BT.

A cattail pine, 8 ins. diam., bears S. 46° W., 20 lks. dist., marked  $\frac{1}{4}$  S11 BT.

75.00 Bend in ridge, 260 ft. above the  $\frac{1}{4}$  sec. cor., bears SE. and S. 70° W.; descend gradual NW. slope.

80.02 The cor. of secs. 2, 3, 10 and 11, 50 ft. below ridge. Land, broken and mountainous with a general northerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense cedar, balsam, spruce, fir, cattail and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 W.

Chains

N. 0°01' W., bet. secs. 2 and 3.

Descend gradually over N. slope of broken mountainous land through scattering undergrowth and dense timber.

2.50 Head of draw, 30 ft. below cor., drains W.; ascend gradual S. slope.

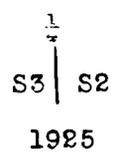
5.00 Spur, 30 ft. above draw; projects W.; descend abrupt N. slope.

8.30 Head of draw, 70 ft. below spur, drains N. 30° W.; continue abrupt descent over NW. slope.

34.40 Enter bottom of draw, 350 ft. below head of draw, drains N. from the SW.

40.00 In rolling bottom of draw.

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



From which,

A spruce, 24 ins. diam., bears N. 84° E., 39 lks. dist., marked 1/4 S2 BT.

A yellow pine, 18 ins. diam., bears S. 52° W., 73 lks. dist., marked 1/4 S3 BT.

50.00 Leave bottom of draw, 200 ft. below point of entering draw, drains NW.; ascend abrupt SW. slope.

67.00 Ridge, 150 ft. above draw, bears NW. and SE.; descend abrupt NE. slope.

82.00 Draw, 120 ft. below ridge, drains NW.; ascend abrupt SW. slope.

102.50 Spur, 110 ft. above draw, projects NW.; descend abrupt N. slope.

112.55 On abrupt N. slope, at S. edge of draw, 220 ft. below spur; intersect the seventh standard parallel south, East, 12.55 chs. dist. from the standard cor. secs. 34 and 35. As it is impossible to set a permanent cor. at the point of intersection on account of small water course, therefore at a point, 30 lks. W. of true cor.

**Chains**

point.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the closing cor. secs. 2 and 3, with brass cap marked.

T35S R4 $\frac{1}{2}$ W  
S35

S3	S2
T36S	R4 $\frac{1}{2}$ W
C	C

1925

From which,

A spruce, 10 ins. diam., bears S. 75° E., 72 lks. dist., marked T36S R4 $\frac{1}{2}$ W S2 CC BT.

No other suitable bearing trees available.

Land, broken and mountainous with a general northerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense spruce, cedar, balsam, fir, cattail and yellow pine.

Good grazing.

From the cor. secs. 3, 4, 33 and 34, on the S. bdy. of the township, heretofore described.

N. 0°02' W., bet. secs. 33 and 34.

Ascend gradual S. slope of rolling mountainous land through dense timber and scattering undergrowth.

8.50 Spur, 50 ft. above cor., projects E.; descend gradual N. slope.

15.10 Draw, 80 ft. below spur, drains E.; ascend gradual S. slope.

21.00 Spur, 130 ft. above draw, projects E.; descend gradual N. slope.

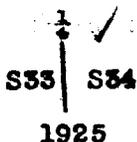
36.00 Draw, 190 ft. below spur, drains E.; ascend gradual S. slope.

40.00 On abrupt S. slope, 60 ft. above draw.

Subdivision of T. 33 S. 20 E. N.

Chains

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



From which,

A yellow pine, 10 ins. diam., bears N. 50° E., 55 lks. dist., marked  $\frac{1}{4}$  S34 BT.

A cattail pine, 8 ins. diam., bears N. 85° W., 32 lks. dist., marked  $\frac{1}{4}$  S33 BT.

46.80 Spur, 70 ft. above the  $\frac{1}{4}$  sec. cor., projects E.; descend gradual N. slope.

62.00 Draw, 70 ft. below spur, drains E.; ascend abrupt S. slope.

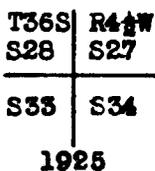
66.00 Spur, 90 ft. above draw, projects E.; descend gradual N. slope.

71.20 Draw, 30 ft. below spur, drains E.; ascend abrupt S. slope.

78.80 Spur, 130 ft. above draw, projects S. 35° E.; descend gradual NE. slope.

80.00 On abrupt NE. slope, 20 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 27, 28, 33 and 34, with brass cap marked.



From which,

A yellow pine, 18 ins. diam., bears N. 25° E., 82 lks. dist., marked T36S R4 1/2 W S27 BT.

A yellow pine, 16 ins. diam., bears S. 35° E., 15 lks. dist., marked T36S R4 1/2 W S34 BT.

A spruce, 16 ins. diam., bears S. 16° W., 176 lks. dist., marked T36S R4 1/2 W S33 BT.

A cattail pine, 10 ins. diam., bears N. 66° W., 28 lks. dist., marked T36S R4 1/2 W S28 BT.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

Land, rolling and mountainous with a general easterly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense cedar, spruce cattail and yellow pine.

Good grazing.

East, on random line bet. secs. 27 and 34.

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

80.16 Intersect the N. and S. line, 23 lks. S. of the cor. secs. 26, 27, 34 and 35.

Thence,

S. 89°50' W., on true line bet. secs. 27 and 34.

Ascend gradual E. slope of rolling mountainous land through scattering undergrowth and dense timber.

3.00 Spur, 80 ft. above cor., projects S.; descend abrupt W. slope.

8.30 Draw, 120 ft. below spur, drains S.; ascend abrupt E. slope.

25.80 Spur, 250 ft. above draw, projects S.; descend abrupt W. slope.

36.00 Draw, 60 ft. below spur, drains SE.; ascend abrupt E. slope.

40.08 On abrupt E. slope, 80 ft. above draw,  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S27 ✓  
 $\frac{1}{4}$  ———  
S34

1925

From which,

A yellow pine, 10 ins. diam., bears N. 62° E., 35 lks. dist., marked  $\frac{1}{4}$  S27 BT.

A yellow pine, 10 ins. diam., bears S. 24° W., 40 lks. dist., marked  $\frac{1}{4}$  S34 BT.

47.40 Spur, 170 ft. above the  $\frac{1}{4}$  sec. cor., projects S. 20° E.; descend abrupt SW. slope.

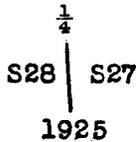
Chains

- 65.00 Draw, 170 ft. below spur, drains E.; ascend abrupt NE slope.
  - 73.50 Spur, 160 ft. above draw, projects S. 35° E.; descend abrupt SW. slope.
  - 78.00 Head of draw, 30 ft. below spur, drains S. 35° E.; ascend abrupt NE. slope.
  - 80.16 The cor. of secs. 27, 28, 33 and 34, 30 ft. above head of draw.
- Land, rolling and mountainous with a general southerly exposure and drainage.
- Soil, shallow red clay and shale; 3rd rate.
- Undergrowth, scattering manzanita.
- Timber, dense cedar, spruce, cattail and yellow pine.
- Good grazing.

N. 0°02' W., bet. secs. 27 and 28.

Ascend abrupt SE. slope of broken mountainous land through dense timber and scattering undergrowth.

- 3.00 Spur, 50 ft. above cor., projects E.; descend abrupt N. slope.
  - 7.50 Draw, 80 ft. below spur, drains E.; ascend abrupt S. slope.
  - 15.20 Top of divide bet. the East and West Forks Sevier River, 140 ft. above draw, bears E. and W.; descend abrupt N. slope.
  - 40.00 On abrupt NE. slope, 230 ft. below divide.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which,

A fir, 6 ins. diam., bears N. 80° E., 2 lks. dist., marked  $\frac{1}{4}$  S27 BT.

A fir, 10 ins. diam., bears N. 8° W., 9 lks. dist., marked  $\frac{1}{4}$  S28 BT.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

- 40.41 From this point, line passes over high inaccessible red ledges, to pass ledges, I offset as follows. East, 9.03 chs. dist.; thence on offset line near top of main divide bet. Clark Canyon and Wilson Canyon.
- 80.00 Offset West, 9.03 chs. to true line at top of divide and ledges, bears N. and S.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 21, 22, 27 and 28, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S21	S22
S28	S27

1925

From which,

A balsam, 8 ins. diam., bears N. 76° E., 70 lks. dist., marked T36S R4 $\frac{1}{2}$ W S22 BT.

A cattail pine, 14 ins. diam., bears S. 45° E., 38 lks. dist., marked T36S R4 $\frac{1}{2}$ W S27 BT.

A cattail pine, 10 ins. diam., bears S. 55° W., 27 lks. dist., marked T36S R4 $\frac{1}{2}$ W S28 BT.

A cattail pine, 8 ins. diam., bears N. 60° W., 13 lks. dist., marked T36S R4 $\frac{1}{2}$ W S21 BT.

Land, broken and mountainous with a general easterly and westerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense cedar, balsam, spruce, cattail and yellow pine.

Good grazing.

N. 89°50' E., on random line bet. secs. 22 and 27.

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

80.08 Intersect the N. and S. line, 16 lks. N. of the cor. secs. 22, 23, 26 and 27.

Thence,

S. 89°57' W., on true line bet. secs. 22 and 27.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

30120

Chains	
	Ascend abrupt E. slope of broken mountainous land through dense timber and scattering undergrowth.
3.70	Spur, 70 ft. above cor., projects S. 20° E.; descend abrupt W. slope.
12.20	Head of draw, 60 ft. below spur, drains S.; ascend abrupt E. slope.
17.30	Top of divide bet. the East and West Forks Sevier River, 100 ft. above head of draw, bears N. 20° E. and S. 20° W.; descend abrupt NW. slope.
25.80	Draw, 120 ft. below divide, drains N.; ascend abrupt E. slope.
29.00	Spur, 90 ft. above draw, projects N.; descend abrupt W. slope.
32.40	Draw, 80 ft. below spur, drains N.; ascend abrupt E. slope.
34.00	Spur, 60 ft. above draw, projects N.; descend abrupt W. slope.
39.00	Draw, 160 ft. below spur, drains N.; ascend abrupt E. slope.
40.04	On abrupt E. slope, 20 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{S22 \quad \checkmark}{\frac{1}{4}} = S27$
	1925
	From which,
	A spruce, 15 ins. diam., bears N. 54° E., 8 lks. dist., marked $\frac{1}{4}$ S22 BT.
	A fir, 20 ins. diam., bears S. 11° W., 34 lks. dist., marked $\frac{1}{4}$ S27 BT.
	Continue abrupt ascent over E. slope.
80.08	The cor. secs. 21, 22, 27 and 28, 350 ft. above the sec. cor.
	Land, broken and mountainous with a general northerly exposure and drainage.
	Soil, shallow red clay and shale; 3rd rate.

Subdivision of T. 36 S., R. 4½ W.

Chains

Undergrowth, scattering manzanita.

Timber, dense cedar, spruce, balsam, cattail and yellow pine.

Good grazing.

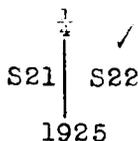
N. 0°02' W., bet. secs. 21 and 22.

Descend gradual NE. slope of broken mountainous land near top of ridge through dense timber and scattering undergrowth.

9.50 Spur, 30 ft. below cor., projects N. 20° E.; descend gradually along steep W. slope of spur.

40.00 On abrupt W. slope, 230 ft. below spur.

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



From which,

A cattail pine, 6 ins. diam., bears S. 5° E., 35 lks. dist., marked ¼ S22 BT.

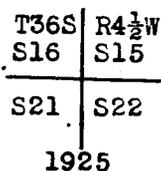
A fir, 12 ins. diam., bears S. 45° W., 71 lks. dist., marked ¼ S21 BT.

56.00 Descent becomes abrupt, bears NE. and SW.

72.00 Top of red ledges, 150 ft. high, bears N. 60° E. and S. 60° W.;

79.20 Draw, 580 ft. below the ¼ sec. cor., drains N. 10° E.; small seep of good water in bottom of draw; descend gradually along W. side of draw.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 15, 16, 21 and 22, with brass cap marked.



From which,

Chains

- A yellow pine, 6 ins. diam., bears N. 25° E., 9 lks. dist., marked T36S R4 $\frac{1}{2}$ W S15 BT.
- A spruce, 20 ins. diam., bears S. 30° E., 13 lks. dist., marked T36S R4 $\frac{1}{2}$ W S22 BT.
- A cedar, 18 ins. diam., bears S. 75° W., 11 lks. dist., marked T36S R4 $\frac{1}{2}$ W S21 BT.
- A yellow pine, 18 ins. diam., bears N. 35° W., 66 lks. dist., marked T36S R4 $\frac{1}{2}$ W S16 BT.

Land, broken and mountainous with a general northwesterly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense cedar, spruce, balsam, fir, cattail and yellow pine.

Good grazing.

N. 89° 57' E., on random line bet. secs. 15 and 22.

40.00 Point for the temp.  $\frac{1}{4}$  sec. cor. falls in inaccessible ledges:

44.50 Set temp. witness cor. to the  $\frac{1}{4}$  sec. cor.

80.10 Intersect the N. and S. line, 2 lks. S. of the cor. secs. 14, 15, 22 and 23.

Thence,

S. 89° 56' W., on true line bet. secs. 15 and 22.

Descend abrupt SW. slope of broken mountainous land through dense timber and scattering undergrowth.

6.50 Base of abrupt descent, bears N. 80° W. and S. 80° E.

15.72 Forest Service trail, bears S. 35° E. and N. 35° W.

17.40 Wash, 30 lks. wide, 2 ft. deep, in bottom of draw, 220 ft. below cor., drains NW.; continue gradual descent.

25.80 Wash, 25 lks. wide, 2 ft. deep, in bottom of Right Fork Wilson Canyon, 50 ft. below last wash, drains N.; ascend abrupt NE. slope over ledges.

35.60 On abrupt NE. slope, 220 ft. above fork of canyon.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Subdivision of T. 36 S., R. 4 1/2 W.

Chains

ground, for witness cor. to the 1/4 sec. cor., with brass cap marked.

	S15
WC 1/4	S22
	1925

From which,

A balsam, 15 ins. diam., bears S. 67° W., 35 lks. dist., marked WC 1/4 S22 BT.

A balsam, 6 ins. diam., bears N. 12° W., 21 lks. dist., marked WC 1/4 S15 BT.

40.05 Point for the 1/4 sec. cor. falls in inaccessible ledges.  
 79.00 Draw 150 ft. deep, drains N. 10° E.  
 80.10 The cor. of secs. 15, 16, 21 and 22.

Land, broken and mountainous with a general northwesterly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense cedar, spruce, balsam, fir, cattail and yellow pine,

Good grazing.

N. 0°02' W., bet. secs. 15 and 16.

Descend gradual NE. slope of broken mountainous land through dense timber and undergrowth.

17.20 Descent becomes abrupt, bears NW. and SE.

40.00 On abrupt N. slope, 450 ft. below sec. cor.

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

	1/4	
S16		S15
	1925	

From which,

A yellow pine, 12 ins. diam., bears S. 40° E., 100 lks. dist., marked 1/4 S15 BT.

A yellow pine, 20 ins. diam., bears N. 36° W., 313 lks. dist., marked 1/4 S16 BT.

Subdivision of T. 36 S., R. 4 W.

Chains

- 41.50 Enter rolling bottom of Wilson Canyon, bears NW. and SE.
  - 56.30 Forest Service trail, bears NE. and SW.
  - 64.30 Hillsdale Creek, stream of good water, 3 lks. wide, 3 ins. deep, in wash, 15 lks. wide, 5 ft. deep, 70 ft. below the  $\frac{1}{2}$  sec. cor., drains NW.
  - 66.60 Leave bottom of Wilson Canyon, bears E. and W.; ascend gradual SW. slope.
  - 72.20 The W. point of spur, 70 ft. above stream; descend gradual NW. slope.
  - 76.20 Draw, 60 ft. below point of spur, drains SW.; ascend gradual S. slope.
  - 80.00 On gradual S. slope, 20 ft. above draw.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 9, 10, 15 and 16, with brass cap marked,

T36S	R4 $\frac{1}{2}$ W
S9	S10
S16	S15
1925	

From which,

- A yellow pine, 30 ins. diam., bears N. 19° E., 121 lks. dist., marked T36S R4 $\frac{1}{2}$ W S10 BT.
- A yellow pine, 20 ins. diam., bears S. 77° E., 136 lks. dist., marked T36S R4 $\frac{1}{2}$ W S15 BT.
- A yellow pine, 20 ins. diam., bears S. 27° W., 80 lks. dist., marked T36S R4 $\frac{1}{2}$ W S16 BT.
- A yellow pine, 18 ins. diam., bears N. 39° W., 237 lks. dist., marked T36S R4 $\frac{1}{2}$ W S9 BT.

Land, broken and mountainous with a general northwesterly exposure and drainage.

Soil, shallow red clay, sand and rock; 3rd rate.

Undergrowth, scattering sagebrush, manzanita and mahogany.

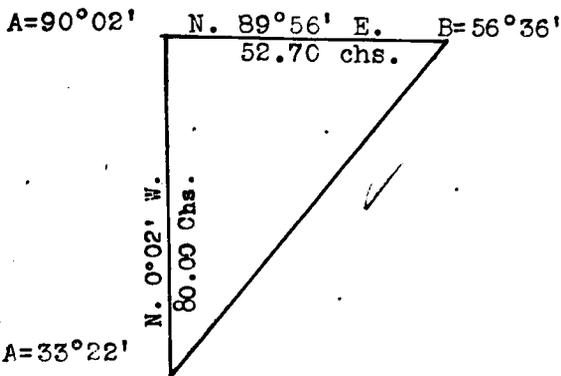
Timber, dense cedar, juniper, pinon, spruce, fir, balsam, and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

N. 89°56' E., on random line bet. secs. 10 and 15.  
 Inaccessible ledges make chaining to the E. of this cor.  
 impossible, I therefore triangulate as follows. Erect  
 flag "A" at the sec. cor. and flag "B" on line to the  
 E. From flag "B", the cor. of secs. 15, 16, 21 and 22,  
 which I designate as "C", subtends an angle of 56°36'.



- 52.70 To point "B" of triangulation; set temp. witness cor.  
to the  $\frac{1}{4}$  sec. cor.
- 79.98 Intersect the N. and S. line, 2 lks: N. of the true point  
for cor. of secs. 10, 11, 14 and 15.  
Thence,  
From the true point for cor. secs. 10, 11, 14 and 15.  
S. 89°57' W., on true line bet. secs. 10 and 15.  
Ascend abrupt E. slope of broken mountainous land through  
scattering timber and undergrowth:
- 5.54 The witness cor. to the cor. secs. 10; 11, 14 and 15.
- 7.00 Spur, 120 ft. above true point for cor., projects S.;  
descend abrupt W. slope over ledges.
- 15.50 Gulch, 180 ft. below spur, drains SW.; ascend abrupt SE.  
slope.
- 27.28 To point "B" of triangulation; on abrupt S. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass  
cap marked.

WC  $\frac{1}{4}$  S10 ✓  
 S15  
 1925

Raise a mound of stone; 3 ft. base, 2 ft. high, N. of cor.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

Note: The line to the W. of this witness cor. passes over a series of high ledges and it is impossible to reach a point on line to set the witness cor. to the  $\frac{1}{4}$  sec. cor. within the prescribed limits. Thence by triangulation, giving approximate distances to topography

33.00 Sandstone spur, 120 ft. above the witness cor., projects SW.; descend abrupt NW. slope over broken inaccessible ledges.

75.00 Base of ledges, bears NW. and SE.

79.99 The cor. of secs. 9, 10, 15 and 16, 780 ft. below spur. Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow loose sand and rock; 4th rate.

Undergrowth, scattering sage and bitter brush.

Timber, scattering juniper and cedar.

Poor grazing.

N. 0°02' W., bet. secs. 9 and 10.

Ascend gradual S. slope of broken mountainous land through dense timber and scattering undergrowth.

6.00 Base of abrupt ascent over ledges, bears E. and W.

30.00 Spur, 320 ft. above cor., projects W.; descend abrupt N. slope.

40.00 On abrupt N. slope, 220 ft. below spur.

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



From which,

A balsam, 6 ins. diam., bears S. 68° E., 13 lks. dist., marked  $\frac{1}{4}$  S10 BT.

A balsam, 10 ins. diam., bears N. 5° W., 12 lks. dist., marked  $\frac{1}{4}$  S9 BT.

Subdivision of T. 36 S., R. 4 1/2 W.

Chains

- 51.50 Draw, 270 ft. below the 1/4 sec. cor., drains W.; ascend abrupt S. slope.
  - 61.00. Ascent becomes gradual, bears E. and W.
  - 77.50 Spur, 340 ft. above gulch, projects W.; descend gradual NW. slope.
  - 80.00 On gradual NW. slope, at base of abrupt ascent, 60 ft. below spur, bears N. and S.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 3, 4, 9 and 10, with brass cap marked.

T36S	R4 1/2 W
S4	S3
S9	S10
1925	

- From which,
- A balsam, 8 ins. diam., bears N. 32° E., 74 lks. dist., marked T36S R4 1/2 W S3 BT.
  - A yellow pine, 6 ins. diam., bears S. 10° E., 37 lks. dist., marked T36S R4 1/2 W S10 BT.
  - A yellow pine, 6 ins. diam., bears S. 36° W., 98 lks. dist., marked T36S R4 1/2 W S9 BT.
  - A yellow pine, 8 ins. diam., bears N. 2°30' W., 64 lks. dist., marked T36S R4 1/2 W S4 BT.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 4th rate.

Undergrowth, scattering sage and bitter brush.

Timber, dense cedar, pinon, juniper, balsam and yellow pine.

Good grazing.

- 
- N. 89°57' E., on random line bet. secs. 3 and 10.
  - 40.00 Set temp. 1/4 sec. cor.
  - 80.04 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 2, 3, 10 and 11.

Thence,

Subdivision of T. 56 S., R. 42 W.

Chains

S. 89°59' W., on true line bet. secs. 8 and 20.

Descend abrupt NW. slope of broken mountainous land through dense timber and scattering undergrowth.

17.50 Draw, 260 ft. below cor., drains N. 60° E.; ascend gradual NE. slope.

32.00 Spur, 50 ft. above draw, projects N.; descend gradual W. slope.

35.00 Draw, 50 ft. below spur, drains N.; ascend gradual E. slope.

40.02 On top of spur, 60 ft. above draw, projects N. 20° W. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

S3  
1/4  
S10  
1925

From which,

A cattail pine, 6 ins. diam., bears S. 35° W., 12 lks. dist., marked 1/4 S10 BT.

A cattail pine, 6 ins. diam., bears N. 10° W., 18 lks. dist., marked 1/4 S3 BT.

Thence, descend gradual W. slope.

60.00 Descent becomes abrupt, bears N. and S.

80.04 The cor. of secs. 3, 4, 9 and 10, 380 ft. below the 1/4 sec. cor.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita.

Timber, dense cattail and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

N. 0°02' W., bet. secs. 3 and 4.

Descend gradual N. slope of broken mountainous land through dense timber and scattering undergrowth.

14.50 Draw, 130 ft. below cor., drains W.; ascend gradual S. slope.

27.60 Spur, 130 ft. above draw, projects W.; descend abrupt NW. slope.

40.00 On abrupt NW. slope, 80 ft. below spur.

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

$\frac{1}{4}$  ✓  
 S4 | S3  
 1925

From which,

A yellow pine, 18 ins. diam., bears N. 72° E., 19 lks. dist., marked  $\frac{1}{4}$  S3 BT.

A yellow pine, 10 ins. diam., bears N. 55° W., 6 lks. dist., marked  $\frac{1}{4}$  S4 BT.

57.00 Draw, 180 ft. below the  $\frac{1}{4}$  sec. cor., drains W.; ascend abrupt S. slope.

62.00 Spur, 60 ft. above draw, projects W.; descend abrupt N. slope.

71.60 Draw, 150 ft. below spur, drains NW.; ascend gradual SE. slope.

80.00 At top of ascent, 30 ft. above draw, bears E. and W.

Set a sandstone, 20 x 6 x 6 ins., 10 ins. in the ground, marked with a cross (X) on top face; thence descend gradually over abrupt W. slope.

101.00 West slope becomes more gradual, bears NE. and SW.

112.73 Intersect the seventh standard parallel south, East, 12.72 chs. dist. from the standard cor. secs. 33 and 34.

At point of intersection, on gradual W. slope, 140 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

the ground, for closing cor. secs. 3 and 4, with brass cap marked.

T35S R4 $\frac{1}{2}$ W  
S34

S4	S3
T36S	R4 $\frac{1}{2}$ W
C	C

1925

From which,

A pinon, 8 ins. diam., bears S. 56° E., 17 lks. dist., marked T36S R4 $\frac{1}{2}$ W S3 CC BT.

A yellow pine, 8 ins. diam., bears S. 62° W., 104 lks. dist., marked T36S R4 $\frac{1}{2}$ W S4 CC BT.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering sagebrush, manzanita and mahogany.

Timber, dense cedar, juniper, pinon and yellow pine.

Good grazing.

witness cor. to  
From the/cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township, heretofore described, which is East, 6.68 chs. dist. from true cor. point:

N. 0°03' W., on offset line through sec. 33.

True line passes over high inaccessible ledges through dense timber and undergrowth.

28.00 Offset West, 6.68 chs. dist. to true line; thence on true line.

37.00 Top of divide bet. Proctor and Porter Canyons, 680 ft. above true point for sec. cor., bears E. and W.; descend gradual NE. slope.

40.00 On gradual NE. slope, 50 ft. below divide.

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

†  
S32 | S33

1925

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
No suitable bearing trees available.

65.00 Head of Porter Canyon, 350 ft. below the  $\frac{1}{4}$  sec. cor.,  
drains N. 70° W.; ascend abrupt S. slope.

77.00 Top of divide bet. Porter and Riggs Canyon, 250 ft. above  
head of Porter Canyon, bears N. 75° W. and S. 75° E.;  
descend abrupt NE. slope.

80.00 On abrupt NE. slope, 50 ft. below top of divide.  
Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the  
ground to bedrock and in a large mound of stone, for  
cor. secs. 28, 29, 32 and 33, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S29	S28
S32	S33
1925	

From which,

A mahogany, 3 ins. diam., bears N. 21° E., 21 lks.  
dist., marked BT.

A mahogany, 3 ins. diam., bears S. 7°30' E., 30 lks.  
dist., marked BT.

A balsam, 8 ins. diam., bears S. 69° W., 14 lks.  
dist., marked T36S R4 $\frac{1}{2}$ W S32 BT.

A mahogany, 3 ins. diam., bears N. 18° W., 12 lks.  
dist., marked BT.

Land, broken and mountainous with a general easterly  
and westerly exposure and drainage.

Soil, shallow loose sand and rock; 4th rate.

Undergrowth, dense sagebrush and mahogany.

Timber, dense juniper, cedar, pinon, spruce and yellow  
pine.

Good grazing.

East, on random line bet. secs. 28 and 33.

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

79.90 Intersect the N. and S. line, 7 lks. N. of the cor. secs.  
27, 28, 33 and 34.

Subdivision of T. 36 S., R. 41 W.

DRINKS

Chains

Thence,

N. 89°57' W., on true line bet. secs. 28 and 33.

Ascend abrupt NE. slope of broken mountainous land through dense timber and scattering undergrowth.

1.10 Spur, 40 ft. above cor., projects S. 35° E.; descend abrupt SW. slope.

3.50 Head of draw, 40 ft. below spur, drains S. 30° E.; ascend abrupt SE. slope.

12.30 Spur, 80 ft. above head of draw, projects S.; descend abrupt W. slope.

16.00 Head of draw, 30 ft. below spur, drains S.; ascend abrupt E. slope.

18.80 Top of divide bet. the East and West Forks Sevier River, 50 ft. above head of draw, bears N. and SW.; descend abrupt W. slope.

39.95 On abrupt NW. slope, 520 ft. below divide.

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

$$\begin{array}{r} S28 \ / \\ \hline \frac{1}{4} \\ S33 \end{array}$$

1925

From which,

A balsam, 8 ins. diam., bears S. 18° E., 42 lks. dist., marked  $\frac{1}{4}$  S33 BT.

A balsam, 8 ins. diam., bears N. 20° W., 28 lks. dist., marked  $\frac{1}{4}$  S28 BT.

63.00 Head of Riggs Canyon, 300 ft. below the  $\frac{1}{4}$  sec. cor., drains N. 30° W.; ascend abrupt NE. slope.

79.90 The cor. of secs. 28, 29, 32 and 33, 250 ft. above head of canyon.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow red clay and shale; 3rd rate.

Undergrowth, scattering manzanita and mahogany.

Timber, dense juniper, pinon, balsam and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

West, on random line bet. secs. 29 and 32.

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

50.01 Intersect the W. bdy. of the township, 2 lks. S. of the cor. secs. 29 and 32, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey of T. 36 S., R. 5 W.

Thence,

S. 89°59' E., on true line bet. secs. 29 and 32.

Ascend abrupt SW. slope of broken mountainous land through dense timber and scattering undergrowth.

3.90 Top of ledge, 50 ft. high, bears NW. and SE.

10.01 On abrupt SW. slope, 120 ft. above cor.

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

S29

$\frac{1}{4}$

S32

1925

From which,

A pinon, 8 ins. diam., bears S. 17° E., 52 lks. dist., marked  $\frac{1}{4}$  S32 BT.

A pinon, 6 ins. diam., bears N. 18° W., 25 lks. dist., marked  $\frac{1}{4}$  S29 BT.

46.50 Top of divide bet. Riggs and Porter Canyons, 450 ft. above the  $\frac{1}{4}$  sed. cor., bears N. 60° W. and S. 60° E.; descend gradually over abrupt N. slope.

50.01 The cor. secs. 28, 29, 32 and 33, 30 ft. below divide.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 4th rate.

Undergrowth, scattering sage and bitter brush.

Timber, dense juniper, pinon and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

N. 0°03' W., bet. secs. 28 and 29.

Descend abrupt N. slope of broken mountainous land through scattering undergrowth and dense timber.

33.30 Bottom of Riggs Canyon, 640 ft. below cor., drains W.; ascend abrupt S. slope.

40.00 On abrupt S. slope, 200 ft. above canyon, at base of ledge, 30 ft. high, bears NW. and SE.

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

$\frac{1}{4}$	/
S29	S28
1925	

from which,

A pinon, 10 ins. diam., bears S. 65° E., 65 lks. dist., marked  $\frac{1}{4}$  S28 BT.

A pinon, 10 ins. diam., bears S. 80° W., 12 lks. dist., marked  $\frac{1}{4}$  S29 BT.

45.50 Spur, 80 ft. above the  $\frac{1}{4}$  sec. cor., projects N. 60° W.; descend gradual NE. slope.

52.60 Draw, 180 ft. below spur, drains W.; ascend abrupt S. slope.

60.00 Spur, 50 ft. above draw, projects NW.; descend abrupt NE. slope.

68.50 Draw, 160 ft. below spur, drains SW.; ascend abrupt SE. slope.

77.80 Top of divide bet. Clark's and Riggs Canyons, 100 ft. above draw, bears E. and W.; descend abrupt NE. slope.

80.00 On abrupt NE. slope, 80 ft. below divide.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 20, 21, 28 and 29, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S20	S21
S29	S28
1925	

from which,

Chains

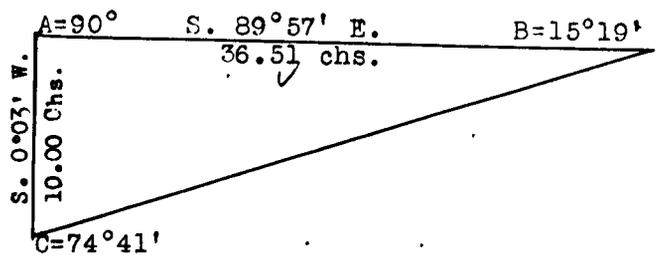
- A pinon, 6 ins. diam., bears N. 32° E., 8 lks. dist., marked T36S R4½W S21 BT.
- A pinon, 12 ins. diam., bears S. 15° E., 50 lks. dist., marked T36S R4½W S28 BT.
- A pinon, 6 ins. diam., bears S. 6° W., 62 lks. dist., marked T36S R4½W S29 BT.
- A pinon, 6 ins. diam., bears N. 54° W., 22 lks. dist., marked T36S R4½W S20 BT.

Land, broken and mountainous with a general northerly and southerly exposure and drainage.  
 Soil, shallow loose sand and rock; 4th rate.  
 Undergrowth, scattering sage and bitter brush.  
 Timber, dense juniper, pinon, spruce and yellow pine.  
 Good grazing.

S. 89°57' E., on random line bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

42.00 Base of inaccessible ledges over which I triangulate as follows. Erect flag "A" at this point and flag "B" on line to the E. from flag "A", measure base line "AC", S. 0°03' W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of 74°41'.



Distance on line=	42.00 chs.
Distance by triangulation=	36.51 chs.
	<u>78.51 chs.</u>

78.51 To point "B" of triangulation.

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

Thence,

N. 89°58' W., on true line bet. secs. 21 and 28.

Descend gradually over broken mountainous land through scattering timber and undergrowth.

Subdivision of T. 36 S., R. 42 W.

Chains

Chains

1.47 To point "B" of triangulation at top of abrupt descent over inaccessible red clay and sandstone ledges, bears N. and S. Thence by triangulation.

Note: These ledges are of the same formation as the ledges at Bryce Canyon, which is located 10 miles to the east of this point.

37.98 To point "A" of triangulation at base of ledges, 1110 ft. below top, bears NW. and SE.; thence descend gradually along bottom of Clark's Canyon.

39.99 On rolling W. slope, 30 ft. below base of ledges. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S21}{S28}$  ✓  
 1925

From which,

A yellow pine, 8 ins. diam., bears S.  $10^{\circ}$  W., 90 lks. dist., marked  $\frac{1}{4}$  S28 BT.

A yellow pine, 24 ins. diam., bears N.  $70^{\circ}$  W., 216 lks. dist., marked  $\frac{1}{4}$  S21 BT.

52.00 Enter grove of dense aspen and willows, bears NW. and SE.

57.20 Center of swamp and small meadow in bottom of Clark's Canyon 80 ft. below the  $\frac{1}{4}$  sec. cor., drains NW.; ascend abrupt NE. slope through dense timber.

65.20 Top of divide bet. Clark's and Riggs Canyons, 170 ft. above bottom of Clark's Canyon, bears SE. and NW.; descend gradual SW. slope.

74.50 Recross top of divide, bears N.  $35^{\circ}$  E. and S.  $35^{\circ}$  W.; descend abrupt NW. slope.

77.00 Head of open draw, 150 ft. below divide, drains N.; Forest Service trail in bottom of draw, bears N. and S.; ascend abrupt E. slope.

79.98 The cor. of secs. 20, 21, 28 and 29, 40 ft. above draw. Land, broken and mountainous with a general westerly exposure and drainage.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

Soil, shallow red clay, sand, shale and loose rock; 3rd rate.

Undergrowth, scattering sage and bitter brush.

Timber, scattering and dense juniper, cedar, pinon, balsam, spruce, fir, red, yellow and cattail pine.

Good grazing.

N. 89°59' W., on random line bet. secs. 20 and 29.

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

49.96 Intersect the W. bdy. of the township, 2 lks. N. of the cor. secs. 20 and 29, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 36 S., R. 5 W.

Thence,

East, on true line bet. secs. 20 and 29.

Ascend abrupt broken SW. slope of mountain land through dense timber and scattering undergrowth.

9.96 On abrupt SW. slope, 200 ft. above cor.

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

S20  
 $\frac{1}{4}$   
S29  
1925

From which,

A juniper, 20 ins. diam., bears N. 2° E., 45 lks. dist., marked  $\frac{1}{4}$  S20 BT.

A juniper, 30 ins. diam., bears S. 20° W., 17 lks. dist., marked  $\frac{1}{4}$  S29 BT.

25.00 Top of divide bet. Riggs and Clark's Canyon, 550 ft. above the  $\frac{1}{4}$  sec. cor., bears N. 70° W. and S. 70° E.; descend abrupt NE. slope.

37.00 Draw, 250 ft. below divide, drains N. 20° E.; ascend abrupt W. slope.

46.50 Spur, 100 ft. above draw, projects N.; descend abrupt E. slope.

Subdivision of T. 36 S., R. 4½ W.

Chains

49.96 The cor. secs. 20, 21, 28 and 29, 80 ft. below spur. Land, broken and mountainous with a general northerly and southwesterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattering sage and bitter brush. Timber dense juniper, pinon, spruce and yellow pine. Good grazing.

N. 0°03' W., bet. secs. 20 and 21.

Descend gradually over broken E. slope of mountainous land through dense timber and scattering undergrowth.

30.20 Small stream good water, 3 lks. wide, 2 ins. deep, in bottom of Clark's Canyon, 220 ft. below cor., drains NW.; thence across bottom of canyon.

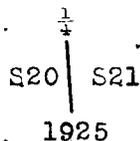
34.90 Intersect boundary line of forest homestead entry survey No. 157, bet. cors. Nos. 5 and 6, S. 38°37' W., 25 lks. dist. from cor. No. 5. Thence across entry.

35.39 Leave entry at boundary line bet. cors. Nos. 4 and 5, N. 29°08' W., 33 lks. dist. from cor. No. 5.

36.80 Five strand barbed wire fence at N. side of Clark's Canyon, bears E. and W.; ascend abrupt SW. slope of spur.

40.00 On abrupt SW. slope of spur, 90 ft. above bottom of canyon.

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



From which,

A pinon, 16 ins. diam., bears S. 3° E., 66 lks. dist., marked ¼ S21 BT.

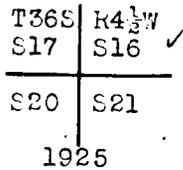
A pinon, 12 ins. diam., bears N. 12° W., 47 lks. dist., marked ¼ S20 BT.

45.00 The W. point of ledge and spur, 50 ft. above the ¼ sec. cor.; descend gradually over broken NW. slope.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

- 54.50 Center of swamp in bottom of Left Fork of Clark's Canyon, 170 ft. below point of spur, drains W.; ascend abrupt S. slope.
- 65.70 Spur, 150 ft. above canyon, projects S. 75° W.; descend abrupt N. slope.
- 73.20 Draw, 150 ft. below spur, drains SW.; ascend gradual SE. slope.
- 80.00 On gradual SE. slope, 50 ft. above draw.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 16, 17, 20 and 21, with brass cap marked.



From which,

A yellow pine, 30 ins. diam., bears N. 71° E., 95 lks. dist., marked T36S R4 $\frac{1}{2}$ W S16 BT.

A yellow pine, 30 ins. diam., bears S. 38° E., 124 lks. dist., marked T36S R4 $\frac{1}{2}$ W S21 BT.

A juniper, 8 ins. diam., bears S. 52° W., 7 lks. dist., marked T36S R4 $\frac{1}{2}$ W S20 BT.

A pinon, 6 ins. diam., bears N. 11° W., 32 lks. dist., marked T36S R4 $\frac{1}{2}$ W S17 BT.

Land, broken and mountainous with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering sage and bitter brush.

Timber, dense juniper, pinon, red cedar, spruce, aspen, cattail and yellow pine.

Good grazing.

S. 89°58' E., on random line bet. secs. 16 and 21.

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

79.90 Intersect the N. and S. line, 9 lks. N. of the cor. secs. 15, 16, 21 and 22,

Thence,

Subdivision of T. 36 S., R. 4½ W.

Chains

N. 89°54' W., on true line bet. secs. 16 and 21.

Ascend abrupt E. slope of broken mountainous land through scattering undergrowth and dense timber.

23.00 Ridge, which forms the divide bet. Clark's and Wilson canyons, 150 ft. above cor., bears N. and S.; descend abrupt W. slope.

39.95 On abrupt W. slope, 180 ft. below ridge.

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

.S16 ✓  
 $\frac{1}{4}$  ———  
 S21

1925

From which,

A fir, 6 ins. diam., bears S. 8° W., 101 lks. dist., marked ¼ S21 BT.

A fir, 6 ins. diam., bears N. 27° W., 34 lks. dist., marked ¼ S16 BT.

62.20 Head of draw, 150 ft. below the ¼ sec. cor., drains NW.; ascend gradual NE. slope.

65.00 Spur, 80 ft. above head of draw, projects NW.; descend abrupt SW. slope.

77.60 Draw, 200 ft. below spur, drains SW.; ascend gradual SE. slope.

79.90 The cor. secs. 16, 17, 20 and 21, 20 ft. above draw.

Land, broken and mountainous with a general easterly and westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering sagebrush and manzanita.

Timber, dense cedar, juniper, pinon, spruce, fir, cattail and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4½ W.

Chains

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

40.00 Set temp. ¼ sec. cor.

49.90 Intersect the W. bdy. of the township, 3 lks. N. of the cor. secs. 17 and 20, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 36 S., R. 5 W.

Thence;

N. 89°58' E., on true line bet. secs. 17 and 20.

Ascend gradually over rolling land through scattering undergrowth and timber.

9.70 Wash, 50 lks. wide, 15 ft. deep, drains N. 70° W.

9.90 Point for the ¼ sec. cor. falls in bottom of wash where it is impossible to set a permanent cor.

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

$$\begin{array}{c} S17 \checkmark \\ \frac{1}{4} \text{---} WC \\ S20 \end{array}$$

From which,

A yellow pine, 16 ins. diam., bears S. 51°30' E., 202 lks. dist., marked WC ¼ S20 BT.

A pinon, 14 ins. diam., bears N. 45° .., 97 lks. dist., marked WC ¼ S17 BT.

11.80 Wash, 30 lks. wide, 5 ft. deep, drains NW.; enter cultivated land, bears NW. and SE.

17.90 Road, bears N. 70° W. and S. 70° E.

20.21 The N. end of J.L. Clark's ranch house, bears S. 2.30 chs. dist. Cor. No. 1 of forest homestead entry survey No. 157, bears S., 33 lks. Four strand barbed wire fence, bears N. and S.

21.80 Five strand barbed wire fence, bears N. 20° W. and S. 20° E. Leave cultivated land and ascend abrupt W. slope, bears N. 20° W. and S. 20° E.

31.20 Ridge, 100 ft. above cor., bears NW. and SE.; descend gradual NE. slope.

Subdivision of T. 33 S., R. 4 W.

Chains

- 42.20 Draw, 40 ft. below ridge, drains NW. from the E.; then ascend gradually along bottom of draw.
- 48.40 Leave draw at head on top of same ridge as last, 70 ft. above point of entering draw, bears N. and S. 35° W.; descend abrupt E. slope.
- 49.90 The cor. of secs. 16, 17, 20 and 21, 40 ft. below ridge. Land, broken and rolling, with a general westerly exposure and drainage. Soil, deep sandy loam and shallow red clay and shale on portions of mile; 1st and 2nd rates. Undergrowth, scattering sage and bitter brush. Timber, scattering juniper, pinon, cattail and yellow pine. Good grazing.

N. 0°03' W., bet. secs. 16 and 17.

- Ascend gradual S. slope of broken mountainous land through dense timber and scattering undergrowth.
- 5.00 Ridge, 50 ft. above cor., bears N. 70° E. and S. 70° W.; descend gradual NW. slope.
- 13.70 Draw, 130 ft. below ridge, drains W.; small seep of good water in bottom of draw; ascend gradual S. slope.
- 21.00 Spur, 100 ft. above draw, projects W.; descend gradual N. slope.
- 33.00 Enter bottom of open draw at head, drains N.; thence along bottom of draw.
- 41.00 In open draw, drains N.; 100 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.



From which,

- A yellow pine, 12 ins. diam., bears S. 46° E., 329 lks. dist., marked  $\frac{1}{2}$  S16 BT.
- A pinon, 6 ins. diam., bears S. 62° W., 77 lks. dist., marked  $\frac{1}{2}$  S17 BT.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

- 50.80 Leave open draw, 40 ft. below the  $\frac{1}{2}$  sec. cor., drains NW. from the S.; ascend gradual SW. slope.
- 56.50 Spur, 30 ft. above draw, projects NW.; descend gradual NE. slope.
- 64.00 Bottom of open draw, 50 ft. below spur, drains N. 70° W.; ascend gradual S. slope.
- 72.70 Ridge, 40 ft. above draw, bears N. 70° W. and S. 70° E.; descend gradual N. slope.
- 77.70 Draw, 40 ft. below ridge, drains N. 70° W.; ascend gradual S. slope.
- 80.00 On abrupt S. slope, 20 ft. above draw.  
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T36S	R4 $\frac{1}{2}$ W
S8	S9
S17	S16
1925	

From which,

- A pinon, 20 ins. diam., bears N. 65° E., 45 lks. dist., marked T36S R4 $\frac{1}{2}$ W S9 BT.
- A pinon, 6 ins. diam., bears S. 22° E., 52 lks. dist., marked T36S R4 $\frac{1}{2}$ W S16 BT.
- A pinon, 10 ins. diam., bears S. 60° W., 20 lks. dist., marked T36S R4 $\frac{1}{2}$ W S17 BT.
- A pinon, 5 ins. diam., bears N. 35° W., 33 lks. dist., marked T36S R4 $\frac{1}{2}$ W S8 BT.

Land, broken and rolling with a general westerly exposure and drainage.

Soil, shallow sandy loam and rock; 3rd rate.

Undergrowth, scattering sage and bitter brush.

Timber, dense juniper, pinon, and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 41 W.

Chains

- S. 89°54' E., on random line bet. secs. 9 and 16. 03.00
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.86 Intersect the N. and S. line, 9 lks. N. of the cor. secs. 9, 10, 15 and 16.
- Thence,
- N. 89°50' W., on true line bet. secs. 9 and 16.
- Ascend gradually over broken mountainous land through scattering timber and undergrowth.
- 7.00 Ascent becomes abrupt, bears N. and S.
- 12.30 Spur, 140 ft. above cor., projects S.; descend abrupt W. slope.
- 26.10 Enter rolling bottom of Wilson Canyon, at mouth of draw from the N., bears NW. and SE.
- 29.10 Wash, 40 lks. wide, 10 ft. deep, drains S.
- 39.93 On rolling bottom of Wilson Canyon.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- |                   |
|-------------------|
| S9                |
| $\frac{1}{4}$ ——— |
| S16               |
| 1925              |
- From which,
- A juniper, 8 ins. diam., bears N. 6° E., 60 lks. dist. marked  $\frac{1}{4}$  S9 BT.
- A juniper, 5 ins. diam., bears S. 53° E., 40 lks. dist., marked  $\frac{1}{4}$  S16 BT.
- 41.00 Log fence, bears N. and S.
- 41.75 Forest Service trail, bears NW. and SE.
- 43.60 Ditch, 3 lks. wide, 8 ins. deep, with stream of water, 3 lks. wide, 4 ins. deep, drains N. 60° W.
- 45.00 Dry channel of Hillsdale Creek, 30 lks. wide, 3 ft. deep, drains NW.
- 60.80 Leave rolling bottom of Wilson Canyon, bears N. 60° W. and S. 60° E.; ascend abrupt NE. slope.
- 65.00 Ascent becomes gradual, bears N. 60° W. and S. 60° E.; thence over rolling bench land.

**Chains**

79.86 The cor. of secs. 8, 9, 16 and 17.  
 Land, broken and rolling with a general westerly exposure and drainage.  
 Soil, deep and shallow sandy loam and rock; 1st and 3rd rates.  
 Undergrowth, scattering sage and rabbit brush, mahogany and willows.  
 Timber, scattering juniper, red cedar, pinon, and yellow pine.  
 Good grazing.

S. 89°58' W., on random line bet. secs. 8 and 17.

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

49.51 Intersect the W. bdy. of the township, 12 lks. N. of the cor. secs. 8 and 17, heretofore described.

Thence,

N. 89°50' E., on true line bet. secs. 8 and 17.

Over rolling bench land through scattering undergrowth and dense timber.

9.51 On rolling SW. slope, 10 ft. above cor.

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

$\frac{1}{4}$   $\frac{S8}{S17}$

1925

From which,

A pinon, 8 ins. diam., bears N. 20° E., 13 lks. dist., marked  $\frac{1}{4}$  S8 BT.

A juniper, 6 ins. diam., bears S. 5° E., 30 lks. dist., marked  $\frac{1}{4}$  S17 BT.

13.80 Road, bears N. 60° E. and S. 60° W.

28.90 Intersect the W. bdy. of roadway bet. forest homestead entry survey No. 86 and listing survey No. 4-1171, N. 31°08' E., 4.03 chs. dist. from cor. No. 12 of listing survey.

## Subdivision of T. 36 S., R. 44 W.

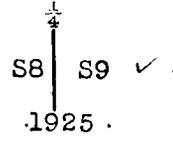
## Chains

- 31.20 Intersect the E. bdy. of same roadway, N.  $51^{\circ}05'$  E., 4.03 chs. dist., from cor. No. 6 of listing survey No. 4-1171.
- 42.00 Rolling top of ridge, 100 ft. above the  $\frac{1}{2}$  sec. cor., bears NW. and SE.; descend gradual NE. slope.
- 47.50 Draw, 40 ft. below ridge, drains NW.; ascend gradual SW. slope.
- 49.51 The cor. secs. 8, 9, 16 and 17, 30 ft. above draw. Land, rolling with a general westerly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattering sage and bitter brush. Timber, dense juniper, pinon and yellow pine. Good grazing.
- 
- N.  $0^{\circ}03'$  W., bet. secs. 8 and 9. Ascend gradually over rolling land through scattering undergrowth and dense timber.
- 1.00 Spur, 20 ft. above cor., projects W.; descend abrupt N. slope.
- 4.00 Enter rolling bottom of Wilson Canyon, 60 ft. below spur, bears E. and W.; thence across open bottom of canyon.
- 4.74 Fall 83 lks. E. of cor. No. 4 of forest homestead entry survey No. 86.
- 18.70 Dry channel of Wilson Creek, 40 lks. wide, 15 ft. deep, drains W.
- 19.88 Fall 82 lks. E. of cor. No. 5 of homestead entry survey No. 86.
- 19.90 Ditch, 3 lks. wide, 10 ins. deep, with stream of water, 3 lks. wide, 3 ins. deep, drains W.; leave rolling bottom of canyon and ascend gradual S. slope.
- 24.50 Spur, 60 ft. high, projects N.  $70^{\circ}$  W.
- 28.20 Draw, 30 ft. deep, drains N.  $75^{\circ}$  W.
- 29.10 Three strand barbed wire fence, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.

Subdivision of T. 36 S., R. 4 1/2 W.

Chains

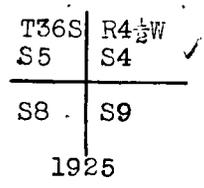
- 32.00 Spur, 30 ft. high, projects W.
  - 39.50 Wash, 30 lks. wide, 2 ft. deep, in bottom of draw, 30 ft. deep, drains SW.
  - 40.00 On N. bank of wash.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor., with brass cap marked.



From which,

- A yellow pine, 30 ins. diam., bears S. 30° E., 79 lks. dist., marked 1/4 S9 BT.
- A pinon, 6 ins. diam., bears N. 77° W., 56 lks. dist., marked 1/4 S8 BT.

- 48.50 Ridge, 30 ft. high, bears N. 70° W. and S. 70° E.
  - 55.30 Draw, 20 ft. deep, drains S. 60° W.
  - 66.00 Draw, 30 ft. deep, drains W.
  - 71.00 Spur, 30 ft. high, projects N. 60° E.
  - 79.20 Draw, 30 ft. deep, drains NW.
  - 80.00 On rolling SW. slope.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 4, 5, 8 and 9, with brass cap marked.



From which,

- A yellow pine, 12 ins. diam., bears N. 79° E., 74 lks. dist., marked T36S R4 1/2 W S4 BT.
- A yellow pine, 18 ins. diam., bears S. 31° E., 145 lks. dist., marked T36S R4 1/2 W S9 BT.
- A yellow pine, 12 ins. diam., bears S. 23° W., 133 lks. dist., marked T36S R4 1/2 W S8 BT.
- A yellow pine, 10 ins. diam., bears N. 61° W., 119 lks. dist., marked T36S R4 1/2 W S5 BT.

Subdivision of T. 36 S., R. 4 W.

Chains

Feet

Land, rolling with a general westerly exposure and drainage. 00.00

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering sage and bitter brush. 00.00

Timber, dense red cedar, juniper, pinon and yellow pine.

Good grazing.

S. 89°50' E., on random line bet. secs. 4 and 9.

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

79.90 Intersect the N. and S. line, 12 lks. S. of the cor. secs. 3, 4, 9 and 10.

Thence,

N. 89°55' W., on true line bet. secs. 4 and 9.

Descend gradual SW. slope through dense timber and scattering undergrowth. 00.00

9.00 Head of draw, 80 ft. below cor., drains NW.; ascend gradual NE. slope.

16.00 Spur, 40 ft. above head of draw, projects N. 60° W.; descend abrupt W. slope.

29.00 Base of abrupt descent, bears N. and S., 500 ft. below spur; thence descend gradual W. slope.

33.00 Timber becomes scattering, bears N. and S.

39.95 On rolling W. slope.

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

S4 ✓  
 $\frac{1}{4}$   
 S9

1925

From which,

A juniper, 5 ins. diam., bears S. 28° W., 76 lks. dist., marked  $\frac{1}{4}$  S9 BT.

A juniper, 4 ins. diam., bears N. 65° W., 45 lks. dist., marked  $\frac{1}{4}$  S4 BT.

46.00 Timber becomes dense, bears NW. and SE.

56.00 Spur, 30 ft. high, projects NW.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

58.00 Draw, 30 ft. deep, drains NW.

64.20 Ridge, 60 ft. high, bears N. and SW.

70.00 Draw, 40 ft. deep, drains NW.

79.90 The cor. secs. 4, 5, 8 and 9.

Land, rolling with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering sage and bitter brush.

Timber, scattering and dense juniper, pinon, and yellow pine.

Good grazing.

S. 89°50' W., on random line bet: secs. 5 and 8.

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

48.29 Intersect the W. bdy. of the township, 10 lks. N. of the cor. secs. 5 and 8, heretofore described.

Thence,

N. 89°43' E., on true line bet. secs. 5 and 8.

Ascend gradually over rolling W. slope of mountainous land through dense timber and scattering undergrowth.

8.29 On rolling top of spur, 40 ft. high, projects N. 60° W.

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

S5  
 $\frac{1}{4}$  ———  
S8

1925

From which,

A pinon, 8 ins. diam., bears N. 48° W., 103 lks. dist., marked  $\frac{1}{4}$  S5 BT.

A yellow pine, 16 ins. diam., bears S. 17° E., 160 lks. dist., marked  $\frac{1}{4}$  S8 BT.

19.60 Draw, 50 ft. deep, drains NW.

40.00 Spur, 40 ft. high, projects NW.

44.80 Draw, 40 ft. deep, drains NW.

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

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

Chains

1925

Land, rolling with a general westerly exposure and drain  
 Soil, shallow loose sand and rock; 3rd rate.  
 Undergrowth, scattering sage and bitter brush.  
 Timber, dense juniper, pinon and yellow pine.  
 Good grazing.

N. 0°03' W., bet. secs. 4 and 5.

Over rolling land through scattering undergrowth and dense timber.

- 5.00 Spur, 20 ft. high, projects N. 60° W.
- 12.70 Draw, 30 ft. deep, drains N. 70° W.
- 22.50 Ridge, 40 ft. high, bears N. 60° W. and S. 60° E.
- 33.92 Intersect the S. bdy. of the Sevier National Forest Boundary, bears S. 89°44' E. and N. 89°44' W.
- 40.00 On gradual N. slope.  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



from which,

A yellow pine, 16 ins. diam., bears S. 8° E., 103 lks. dist., marked  $\frac{1}{4}$  S4 BT.

A yellow pine, 24 ins. diam., bears N. 7° W., 128 lks. dist., marked  $\frac{1}{4}$  S5 BT.

- 51.70 Wash, 40 lks. wide, 10 ft. deep, in bottom of shallow open draw, drains N. 80° W.
- 55.00 Spur, 30 ft. high, projects N. 75° W.
- 60.00 Draw, 50 ft. deep, drains NW.
- 63.70 Spur, 20 ft. high, projects NW.
- 72.10 Wash, 10 lks. wide, 15 ft. deep, in bottom of open draw, drains W.
- 79.50 Spur, 50 ft. high, projects N. 65° W.
- 80.00 Set a trachyte, 20 x 8 x 6 ins., 10 ins. in the ground, marked with a cross (X) on top face.

Subdivision of T. 36 S., R. 4 $\frac{1}{2}$  W.

**Chains**

90.60 Draw, 50. ft. deep, drains W.

101.00 Spur, 30. ft. high, projects W.

107.50 Draw, 20. ft. deep, drains S. 75° W.

112.81 Intersect. the seventh standard parallel south, S. 89°25' E.,

17.53 chs. dist. from the standard  $\frac{1}{4}$  sec. cor. sec.

31, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

the ground, for closing cor. secs. 4 and 5, with brass cap marked.

T35S R4 $\frac{1}{2}$ W  
S31 ✓

S5	S4
T36S	R4 $\frac{1}{2}$ W
C	C
1925	

From which,

A pinon, 11 ins. diam., bears S. 21° E., 290 lks. dist., marked T36S R4 $\frac{1}{2}$ W S4 CC BT.

A juniper, 12 ins. diam., bears S. 57° W., 286 lks. dist., marked T36S R4 $\frac{1}{2}$ W S5 CC BT.

Land, rolling with a general westerly exposure and drainage.

Soil, shallow loose sand (and rock); 3rd rate.

Undergrowth, scattering sage and bitter brush.

Timber, dense juniper, pinon, red cedar and yellow pine.

Good grazing.

Closing Errors, T. 36 S., R. 4 $\frac{1}{2}$  W.

10110

Lines designated.	True bearings.	Dist-ances.		Latitudes.		Departures.	
		Chs.	Chs.	N.	S.	E.	W.
S. Bdy. T36S R4 $\frac{1}{2}$ W	East	370.02				370.02	
E. Bdy. T36S R4 $\frac{1}{2}$ W	North	512.69	512.69				
7th S.P.S. R4W	S.89°45'W.	12.65			.06		12.65
7th S.P.S. R4 $\frac{1}{2}$ W	West	284.29					284.29
	N.89°25'W.	40.37	.41				40.37
	N.89°39'W.	30.25	.18				30.25
W. Bdy. T36S R4 $\frac{1}{2}$ W	S.1°28'W.	39.10		39.09			1.00
	S.0°56'E.	40.12		40.12	.65		
	S.0°02'W.	39.97		39.97			.02
	S.0°17'W.	40.08		40.08			.20
	S.1°35'W.	40.13		40.11			1.11
	S.0°25'W.	40.11		40.11			.29
	South	273.83		273.83			
Convergency							.44
		513.28		513.36		370.67	370.62
Errors in latitudes and departures				513.28		370.62	
				0.08		0.05	

General Description, T. 36 S., R. 4 $\frac{1}{2}$  W.

The land within the boundaries of this township, consists of the rolling top and west breaks of the divide between the East and West Forks Sevier River. The west and north portions are rough, being broken by deep canyons, sandstone and red shale ledges and abrupt slopes which have a general westerly exposure and drainage. The east portion consists of rolling hills which have a general easterly exposure and drainage.

Throughout the entire township a dense growth of aspen, red cedar, juniper, pinon, spruce, fir, balsam, red, yellow and cattail pine timber is found. The pine timber is suitable for the making of lumber and a small quantity of this timber is being made into lumber by a saw mill located in the adjoining township to the north.

The undergrowth consists of scattered mahogany, sage and bitter brush, manzanita and grass, which affords good grazing for stock.

The soil on the slopes of the ridges and spurs consists of a shallow red clay and red shale and may be classified as 3rd and 4th rates. The soil in the open draws and bottoms of the canyons consists of a deep, loose sandy loam and may be classified as 1st and 2nd rates.

Chains

Hillsdale Creek, which is a stream of good water, 3 lks. wide, and 3 ins. deep, heads near the center of section 15, and flows in a northwesterly direction along the bottom of Wilson Canyon and is used for irrigation purposes on the Wilson Ranch located in section 8, and is within the boundaries of homestead entry survey No. 86. For full description of the improvements on this ranch, see description given in the official records of the survey of this entry. Listing survey No. 4-1171 is located in the north portion of section 17, and the land within the boundaries of this survey is suitable for dry farming but at the time of the survey of this township, no portion of this land was being farmed.

Homestead entry survey No. 157 is all within the boundaries of sections 20 and 21, and approximately five acres of land in this entry was being farmed by J.L. Clark, who owns said entry. The remainder of the entry was being used as a pasture for a dairy herd. The improvements of this entry are, a three room frame house, approximately two miles of fence, 20 chains of ditch, five acres of cultivated land and a one room store house. This ranch was being irrigated by a small stream of water which heads near the  $\frac{1}{4}$  sec. cor. secs. 21 and 28 and flows in a northwesterly direction to the ranch.

A small portion of homestead entry survey No. 50, is located in the west half of section 20, but no improvements were found in this portion of the entry.

Small tracts of land located in secs. 5, 8, 17 and 20 could be dry farmed, but the township in general is used for a grazing range for stock during the summer months.

The only settlers living on the township at the time of the survey were J.S. Wilson who lives in entry No. 86, and J.L. Clark, who lives in entry No. 157.

The well known national monument called "Bryce Canyon",

General Description, T. 36 S., R. 43 W.

is located six miles east of the southeast corner of this township.

No indications of coal, oil, oil shale or mineral were found on the township.

The magnetic declination was not taken on account of a defective needle.

E.B.

BOOK A-485

4-680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Edward Eliason	1st Chainman
Golden Billings	2nd Chainman
Richard Christiansen	2nd Chainman
Golden Billings	Axeman
Rodney Baker	Flagman
Frank Barney	Flagman
Jess W. Key	Axeman

CERTIFICATE OF UNITED STATES SURVEYOR

Elliot Bird

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

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 17th day of August 1923 I have well, faithfully, and

in strict conformity with said instructions, the Manual of Surveying Instru-

ctions and the laws of the United States, surveyed all those parts or portions of

of the seventh standard parallel south through range 41 west, re-

of a portion of the east boundary; survey of the south and east bound-

and subdivision of T. 2 N., R. 41 W.

of the Salt Lake Basin

Monahan in the State of Utah

which are represented

as shown on said diagram

and that all the corners

and perpetuated in strict accordance with the Manual of Surveying Instru-

of the U. S. Surveyor General for Utah

and that the foregoing are the original field notes

Elliot Bird  
U. S. Surveyor

APPROVAL

Director of the Supervisor of Surveys,  
DENVER, COLORADO.

JUN 1 6 1928

of the seventh standard parallel south through range 41 west; resurvey of a portion

of the south and east boundaries

of T. 2 N., R. 41 W., S. 41 West

and subdivision of T. 2 N., R. 41 W.

Elliot Bird, U. S. Surveyor

August 3,

1923, having been

and the necessary corrections and explanations made, the said field notes, and the survey

Supervisor of Surveys

Supervisor of Surveys

has been carefully compared with the original notes on file in this office

U. S. Surveyor General

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**Page**

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**Page**

RECEIVED  
MAR 1 1926  
District Cadastral Engineer,  
Salt Lake City, Utah

BOOK A-485

# FIELD NOTES

OF THE ~~SUBDIVISION~~ THE

SURVEY OF A PORTION OF THE SEVENTH STANDARD PARALLEL SOUTH THROUGH  
R. 4 W., A PORTION OF THE SOUTH BOUNDARY AND SUBDIVISION, SURVEY OF A  
PORTION OF THE SOUTH BOUNDARY AND SUBDIVISION OF T. 36 S., R. 4 W.

Of the Salt Lake Base and Meridian,

the State of Utah

EXECUTED BY

Elliot Bird

in the capacity of U. S. Surveyor, under instructions dated August 3, 1923,

issued by the United States Surveyor General to govern surveys included in

Group No. 146, which were approved by the Commissioner of the General Land

Office, August 21, 1923, pursuant to authority contained in the Act of

Congress dated ~~May 14, 1925~~ Assignment instructions dated

May 14, 1925.

Survey commenced August 8, 1925.

Survey completed October 1, 1925.

3018 A-485

# INDEX DIAGRAM.

Township 36 South, Range 4 West

22	3	4	5	6	7	8
41						
20	8	9	10	11	12	13
40						
17	17	16	15	14	13	12
38	14					
34	20	12	21	22	23	24
33	37					
30	30	29	28	27	26	25
29	32	7	7			
27	32	6	28	24	25	26
25	24					

Date Diagram.

10-1-25			
6	10-1-25	5	
9-30-25			
7	9-15-25	8	
9-14-25			
9-29-25			
18	9-15-25	17	
9-28-25			
		9-18-25	
19	9-25-25	20	21
9-27-25			
		9-24-25	
			9-18-25
30	9-24-25	29	28
9-26-25			
		9-23-25	
			9-21-25
		9-22-25	
			9-21-25
31	9-23-25	32	33
8-8-25			
		8-10-25	
8-10-25			
		8-14-25	
8-14-25			

All lines surveyed by Elliot Bird, U.S. Surveyor, G.L.O.

Survey commenced August 8, 1925 and executed with Buff and Buff light mountain transit No 9218, approved for use on this survey by the District Cadastral Engineer for district No. 6, conditional upon satisfactory field tests, in assignment instructions dated May 4, 1925. The survey of T. 36 S., R. 4 W., was made in conjunction with the survey of Ts. 36 S., Rs. 4 $\frac{1}{2}$  and 5 W. of same group, and for full description and tests of the instruments. see tests given in the finished notes of the survey of T. 36 S., R. 4 $\frac{1}{2}$  W.

Resurvey of a Portion of The Seventh Standard Parallel South Through R. 4 W.

From the standard cor. of secs. 31 and 32, T. 35 S., R. 4 W., hereinafter described.

West, on retracement line along the S. bdy. sec. 31 .

40.00 Find no trace of the standard  $\frac{1}{2}$  sec. cor.

Continue on same line with continuous measurement.

71.50 Fall 20 lks. N. of a cor. which I assume had been set by the Forest Service as the bearing trees were marked, FS in addition to the regular markings. Cor. is a sandstone, 8 x 8 x 8 ins. above ground, properly marked and witnessed by one bearing tree. I efface the marks on the bearing tree and cor.

79.98 Fall 35 links N. of the standard cor. of T. 35 S., Range 4 West., which is a sandstone, 10 x 10 x 8 ins. above ground, firmly set, marked with 6 notches on N., E. and W. edges.

From which,

A yellow pine, 24 ins. diam, bears N. 48° W., 62 lks. dist., marked S36 T35S R4 $\frac{1}{2}$ W BT.

No other bearing trees found.

I efface the marks on the bearing tree to the NW. and take an additional bearing tree to the NE. as follows.

Resurvey of Portion of The Seventh Standard Parallel  
North. Through R. 4 W.

chains

- 31.1 A yellow pine, 30 ins. diam., bears N. 6°30' E., 132 lks. dist., marked T35S R4W S31 SC BT.
- 31.1 The course of this line therefore is, S. 89°45' W., and the distance is 79.98 chs.
- Thence,  
N. 89°45' E., on resurvey line along the S. bdy. of secs. 31.
- Over rolling mountainous land through dense timber and scattering undergrowth.
- 2.50 Draw, 30 ft. deep, drains N.
- 6.50 Spur, 30 ft. high, projects N.
- 11.00 Head of draw, 20 ft. deep, drains N.; ascend gradual W. slope.
- 12.65 Point for the closing cor. Ts. 36 S., Rs. 4 and 4½ W., hereinafter described.
- 15.00 Top of divide between East Fork and West Fork Sevier River, bears NE. and SW., 100 ft. above head of draw; descend gradual SE. slope.
- 39.99 In bottom of open draw, 100 ft. below top of divide; drains N. 75° E.

Proportionate measurement.

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

S C  
¼ S31

1925

From which,

- A yellow pine, 8 ins. diam., bears N. 8° E., 202 lks. dist., marked ¼ S31 SC BT.
- A yellow pine, 8 ins. diam., bears N. 8° W., 148 lks. dist., marked ¼ S31 SC BT.
- 51.00 Spur, 30 ft. high, projects NE.
- 55.00 Draw, 30 ft. deep, drains NE., 3.50 chs. dist., thence E.
- 79.98 The standard cor. of secs. 31 and 32, which is a charred post, 4 ft. long, 4 ins. square, not marked, lying on a small mound of earth and stone, from which,

Resurvey of Portion of The Seventh Standard Parallel

South, Through R. 4 W.

Chains

A yellow pine, 12 ins. diam., bears N. 10° E., 62 lks. dist., marked S32 BT.

A yellow pine, 15 ins. diam., bears N. 75° W., 74 lks. dist., marked S31 T35S R4W BT.

As the marks on these bearing trees are very dim, I remark both trees.

At point on top of the mound of earth and stone, and alongside the charred post.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. of secs. 31 and 32, with brass cap marked,

S	C	✓
T35S	R4W	
S31	S32	

1925

Land, rolling and mountainous, with a general northerly exposure and drainage.

Soil, shallow black loam and loose rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, aspen, spruce and yellow pine.

Good grazing.

Resurvey of Portion South Boundary T. 36 S., R. 4 W.

From the sec. cor. secs. 4 and 33, on the S. bdy. of the township, which is a quartzite, 10 x 7 x 7 ins., above ground, firmly set, marked  $\frac{1}{4}$  on N. face and unwitnessed.

West, on resurvey line, bet. secs. 4 and 33.

Ascend gradually over E. slope of rolling mountainous land through dense timber and scattering undergrowth.

12.00 Spur, 150 ft. above cor., projects N.; descend abrupt NW. slope.

40.00 Find no trace of the cor. secs. 4, 5, 32 and 33.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for restored cor. of secs. 4, 5, 32 and 33, with brass cap marked.

Chains

T36S	R4W
S32	S33
S5	S4
T37S	
1925	

From which,

A yellow pine, 12 ins. diam., bears N. 27° E., 160 lks. dist., marked T36S R4W S33 BT.

A yellow pine, 20 ins. diam., bears S. 80° E., 41 lks. dist., marked T37S R4W S4 BT.

A yellow pine, 18 ins. diam., bears S. 57° W., 179 lks. dist., marked T37S R4W S5 BT.

A yellow pine, 10 ins. diam., bears N. 70° W., 80 lks. dist., marked T36S R4W S32 BT.

Land, rolling and mountainous with a general northwesterly exposure and drainage.

Soil, shallow loose black loam and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, aspen, and yellow pine.

Good grazing.

West, on resurvey line bet. secs. 5 and 32.

Descend gradually over rolling W. slope through scattering undergrowth and timber.

18.50 Road, bears N. and S.

28.60 East Fork Sevier River, stream of muddy water, 20 lks. wide, 10 ins. deep, in bottom of wide canyon, 100 ft. below cor., drains N. Stream flows from reservoir which is about 30 chains to the S. of line; ascend gradual E. slope.

37.80 Road, bears N. and S.

40.00 Find no trace of the  $\frac{1}{4}$  sec. cor. secs. 5 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for restored  $\frac{1}{4}$  sec. cor. secs. 5 and 32, with brass cap marked.

S32

S5

1925

Resurvey of Portion South Boundary, T. 36 S., R. 4 W.

Chains

entire

From which,

A yellow pine, 16 ins. diam., bears S. 85° W., 459 lks. dist., marked  $\frac{1}{2}$  S5 BT.

A yellow pine, 18 ins. diam., bears N. 86° W., 302 lks. dist., marked  $\frac{1}{2}$  S32 BT.

Cor. is situated on gentle E. slope, 40 ft. above river, in open sagebrush flat.

Land, rolling with a general easterly and westerly exposure and drainage.

Soil, shallow loose black loam and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, scattering yellow pine and aspen.

Good grazing.

Resurvey of Portion of Subdivision, T. 36 S., R. 4 W.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township,

North, on retracement line bet. secs. 32 and 33.

41.27 Fall 173 lks. W. of the  $\frac{1}{2}$  sec. cor., hereinafter described.

The course of this half mile therefore is N. 2°24' E., and the distance is 41.31. chs.

Offset to the  $\frac{1}{2}$  sec. cor. and continue North, with new measurement.

40.00 Find no trace of the cor. secs. 28, 29, 32 and 33. left point "A". Continue N. on same line with continuous measurement.

79.76 Fall 190 lks. E. of the  $\frac{1}{2}$  sec. cor. secs. 28 and 29, hereinafter described.

From the  $\frac{1}{2}$  sec. cor. secs. 28 and 33, which is a limestone 12 x 8 x 6 ins., firmly set, marked  $\frac{1}{2}$  on N. face,

From which,

A yellow pine, 24 ins. diam., bears S. 42° E., 52 lks. dist., marked  $\frac{1}{2}$  S55 BT.

A yellow pine, 18 ins. diam., bears N. 84° W., 52 lks. dist., marked  $\frac{1}{2}$  S28 BT.

Resurvey of Portion of Subdivision of T. 36 S., R. 4 W.

Chains

As both bearing trees are dimly marked, I remark same.  
Thence,

N.  $89^{\circ}47'$  W., on retracement line bet. secs. 28 and 33.

40.05 Record distance, left point.

40.84 Fall 42 lks. N. of point "A" left from the S.

From point "A" left from the S.

West, on retracement line, bet. secs. 29 and 32.

40.00 Find no trace of the  $\frac{1}{4}$  sec. cor. secs. 29 and 32.

Therefore, at a point, 12 lks. S. and 2.79 chs. E. from point "A" left from the S., restore the cor. of secs. 28, 29, 32 and 33 as hereinafter described.

The course of the line from the  $\frac{1}{4}$  sec. cor. secs. 32 and 33, to the cor. of secs. 28, 29, 32 and 33 therefore is, N.  $1^{\circ}08'$  E., and the distance is 39.89 chs. The course of the S. half mile bet. secs. 28 and 29, is N.  $3^{\circ}52'W.$ , and the distance is 39.97 chs. The course of the W. half mile bet. secs. 28 and 33 is S.  $89^{\circ}27'$  W., and the distance is 40.05 chs. The course of the E. half mile bet. secs. 29 and 32, is West, and the distance is 40.00 chs.

Thence,

From the cor. of secs. 4, 5, 32 and 33,

N.  $2^{\circ}24'$  E., on resurvey line bet. secs. 32 and 33.

Over rolling land through scattering timber and undergrowth.

12.80 Road, bears E. and W.

26.50 Road, bears NE. and SW.

41.31 The  $\frac{1}{4}$  sec. cor. secs. 32 and 33, which is a sandstone, 14 x 10 x 6 ins. above ground, firmly set, marked  $\frac{1}{4}$  on W. face and unwitnessed.

Alongside the original cor.

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

Chains

1925

S32 | S33

1925

From which,

A yellow pine, 16 ins. diam., bears N. 33° E., 216 lks. dist., marked S33 BT.

A yellow pine, 30 ins. diam., bears S. 58° W., 160 lks. dist., marked S32 BT.

Thence, N. 1°08' E., with continuous measurement.

43.00 Leave timber, bears NE. and SW.

49.00 Enter flat bottom of canyon, bears NE. and SW.

65.00 East Fork Sevier River, stream of muddy water, 20 lks. wide, 10 ins. deep, in channel, 50 lks. wide, 8 ft. deep, drains N. 30° E. Scattering undergrowth of willows along bottom of channel.

81.20 At W. side of bottom of canyon, bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for restored cor. of secs. 28, 29, 32 and 33, with brass cap marked.

T36S	R4W
S29	S28
S32	S33

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow black loam and rock on S. portion of mile, deep white clay and sand on N. portion; 2nd and 3rd rates.

Undergrowth, scattering sagebrush and willows on portions of mile.

Timber, scattering yellow pine on S. portion of mile.

Good grazing.

Chains

West, on resurvey line bet. secs. 29 and 32.

Ascend gradually over rolling land through scattering undergrowth.

3.80 Road, bears N. and S.

6.50 Enter dense timber, bears N. and S.

30.40 Spur, 180 ft. above cor., projects S. 70° E.; descend gradual NW. slope.

35.00 Head of draw, 40 ft. below spur, drains SE.; ascend gradual NE. slope.

40.00 On gentle SE. slope, 50 ft. above head of draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 32 only, with brass cap marked.

$\frac{1}{4}$  S32

1925

From which,

A yellow pine, 18 ins. diam., bears S. 45° E., 26 lks. dist., marked  $\frac{1}{4}$  S32 BT.

A yellow pine, 14 ins. diam., bears S. 55° W., 35 lks. dist., marked  $\frac{1}{4}$  S32 BT.

Land, rolling, with a general easterly exposure and drainage.

Soil, shallow loose black loam and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, aspen, and yellow pine on W. portion of mile.

Good grazing.

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From the  $\frac{1}{4}$  sec. cor. secs. 28 and 29, hereinafter described.

North, on retracement line, bet. secs. 28 and 29.

39.83 Fall 59 lks. E. of the cor. secs. 20, 21, 28 and 29.

The course of this half mile therefore is, N. 0° 51' W., and the distance is 39.83 chs.

Thence,

From the cor. of secs. 28, 29, 32 and 33.

Resurvey of Portion of Subdivision of T. 36 S. 24 R. 4 W.

Chains

marked

N.  $3^{\circ}52'$  W., on resurvey line bet. secs. 28 and 29.

Ascend gradually over rolling land through scattering undergrowth.

- 7.00 Road, bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 20.00 Enter dense timber, bears NE. and SW.
- 35.00 Spur, 180 ft. above cor., projects N.  $60^{\circ}$  E.; descend abrupt N. slope.
- 39.97 The  $\frac{1}{4}$  sec. cor. secs. 28 and 29, 70 ft. below spur, which is a sandstone, 10 x 8 x 4 ins., above ground, loosely set, marked  $\frac{1}{4}$  on W. face.

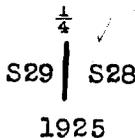
From which,

A stump of a yellow pine, 30 ins. diam., bears S.  $53^{\circ}$  E., 30 lks. dist., marked  $\frac{1}{4}$  S28 BT.

A stump of a yellow pine, 20 ins. diam., bears S.  $22^{\circ}$  W., 47 lks. dist., marked  $\frac{1}{4}$  S29 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. secs. 28 and 29, with brass cap marked.



From which,

A yellow pine, 12 ins. diam., bears S.  $5^{\circ}$  E., 118 lks. dist., marked  $\frac{1}{4}$  S28 BT.

A yellow pine, 12 ins. diam., bears S.  $13^{\circ}$  W., 95 lks. dist., marked  $\frac{1}{4}$  S29 BT.

Thence,

N.  $0^{\circ}51'$  W., with continuous measurement.

- 47.00 Enter rolling bottom of open canyon called Blue Fly, bears E. and W.
- 49.00 Wash, 30 lks. wide, 8 ft. deep, drains E., about 30,00 chs. dist. to East Fork Sevier River; small stream of good water, 2 lks. wide, 2 ins. deep, in bottom of wash.
- 50.60 Old road, bears E. and W.

Resurvey of Portion of Subdivision of T. 36 S., R. 4 W.

Chains

- 58.00 Leave bottom of canyon, bears E. and W.; ascend abrupt S. slope through dense timber. . . .
- 67.00 Spur, 120 ft. above canyon, projects S. 70° E.; descend gradual NE. slope.
- 79.80 The cor. of secs. 20, 21, 28 and 29, on abrupt E. slope, 150 ft. below ridge, which is a sandstone, 12 x 8 x 6 ins., firmly set, marked 2 notches on S. edge and 4 notches on E. edge..

From which,

- A spruce, 16 ins. diam., bears N. 83° E., 52 lks. dist., marked T36S R4W S21 BT.
- A dead yellow pine, 24 ins. diam., bears S. 60° E., 36 lks. dist., marked T36S R4W S28 BT.
- A yellow pine, 10 ins. diam., bears S. 28° W., 74 lks. dist., marked T36S R4W S29 BT.
- A yellow pine, 24 ins. diam., bears N. 36° W., 84 lks. dist., marked T36S R4W S20 BT.

As the marking on the trees are dim, I remark all trees, and take an additional tree to the SE. in place of the dead one as follows.

- A yellow pine, 12 ins. diam., bears S. 24° E., 109 lks. dist., marked T36S R4 W. S28 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.

T36S	R4W
S20	S21
S29	S28

1925

Land, rolling, with a general easterly exposure and drainage.

Soil, shallow loose black loam and rock, 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, aspen, spruce and yellow pine on portions of mile.

Good grazing.

Chains

miles

North, on retracement line bet. secs. 20 and 21. 00.68

39.38 Fall 20 lks. E. of the  $\frac{1}{4}$  sec. cor. secs. 20 and 21, hereinafter described. 00.70

The course of this half mile therefore is, N.  $0^{\circ}17'$  W.,

and the distance is 39.38 chs. 00.87

Offset to the  $\frac{1}{4}$  cor. and continue N. with continuous measurement.

79.28 Fall 75 lks. E. of the cor. of secs. 16, 17, 20 and 21, hereinafter described.

The course of this half mile therefore is, N.  $0^{\circ}05'$  W.,

and the distance is 39.91 chs.

Thence,

From the cor. of secs. 20, 21, 28 and 29.

N.  $0^{\circ}17'$  W., on resurvey line bet. secs. 20 and 21.

Descend gradually over rolling mountainous land through dense timber and scattering undergrowth.

1.60 Draw, 20 ft. below cor., drains S.  $35^{\circ}$  E.; ascend gradual S. slope.

21.00 Same draw as last, drains S.  $20^{\circ}$  W. from the N.; thence along bottom of draw.

33.50 Head of draw at top of divide bet. Ollie Hollow and Blue Fly, 200 ft. above draw, bears N.  $70^{\circ}$  E. and S.  $70^{\circ}$  W.; descend abrupt N. slope.

39.38 The  $\frac{1}{4}$  sec. cor. secs. 20 and 21, which is a quartzite, 10 x 10 x 10 ins. above ground, loosely set, marked  $\frac{1}{4}$  on W. face, from which.

A yellow pine, 15 ins. diam., bears S.  $80^{\circ}$  E., 15 lks.

dist., marked  $\frac{1}{4}$  S BT. I remark bearing tree  $\frac{1}{4}$  S21 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 21 only, with brass cap marked.

$\frac{1}{4}$  S21

1925

Take an additional bearing tree as follows.

Chains

at a yellow pine, 5 ins. diam., bears N. 32° E., 54 lks. dist., marked  $\frac{1}{4}$  S21 BT.

Thence,

N. 1°05' W., with continuous measurement.

40.00 On abrupt N. slope, 120 ft. below divide.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 20 only, with brass cap marked.

$\frac{1}{4}$  S20  
1925

From which,

A spruce, 10 ins. diam., bears S. 53° W., 46 lks. dist., marked  $\frac{1}{4}$  S20 BT.

A yellow pine, 8 ins. diam., bears N. 40° W., 16 lks. dist., marked  $\frac{1}{4}$  S20 BT.

41.60 Descent becomes gradual, bears E. and W.

47.60 Draw, 80 ft. below the  $\frac{1}{4}$  sec. cor. sec. 20, drains N. 20° E.; ascend gradual E. slope.

58.00 Spur, 70 ft. above draw, projects N. 30° E.; descend gradual NW. slope.

70.00 Draw, 140 ft. below spur, drains N. 30° E.; ascend gradual SE. slope.

76.30 Spur, 30 ft. above draw, projects NE.; descend gradual NW. slope.

79.29 On gradual NW. slope, 20 ft. below spur; the cor. of secs. 16, 17, 20 and 21, which is a limestone, 10 x 6 x 6 ins. above ground, locally set and properly marked.

From which,

A Cattail pine, 10 ins. diam., bears S. 61° E., 18 lks. dist., marked S21 BT. I remark bearing tree T36S R4W S21 BT.

A Cattail pine, 6 ins. diam., bears N. 61° W., 31 lks. dist., marked S17 T36S R4W BT. I remark bearing tree T36S R4W S17 BT.

Alongside the original cor.

Resurvey of Section of Subdivision of T-66-24, R. 4 W.

Chains

CHAINS

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

T365	R4W
S17	S16
S20	S21

1925

Take two additional bearing trees as follows.

A yellow pine, 8 ins. diam., bears N. 22° E., 128 lks. dist., marked T365 R4W S16 BT.

A yellow pine, 5 ins. diam., bears S. 84° W., 26 lks. dist., marked T365 R4W S20 BT.

Land, rolling and mountainous with a general northerly and southerly exposure and drainage.

Soil, shallow red clay and loose rock; 3rd rate.

Undergrowth, scattering sagerush.

Timber, dense aspen, spruce, cedar, and yellow pine.

Good grazing.

Start, on retracement line bet. secs. 17 and 20.

40.54 Walk 96 lks. N. of the sec. cor. secs. 17 and 20, hereinafter described.

The course of this half mile therefore is, S. 88°39' W., and the distance is 40.55 chs.

Offset to the sec. cor. and continue W. with continuous measurement.

40.02 Walk 20 lks. N. of the cor. of secs. 17, 18, 19 and 20, hereinafter described.

The course of this half mile is therefore, S. 89°45' W., and the distance is 40.02 chs.

Hence,

From the cor. of secs. 16, 17, 20 and 21.

S. 88°39' W., on resurvey line along the S. bdy. sec. 17. Descend gradually over rolling mountainous land through dense timber and scattering undergrowth.

9.00 Walk 30 ft. below cor., drain E.; ascend abrupt E. slope

Chains

- 8.60 Spur, 80 ft. above draw, projects N.; descend abrupt W. slope.
- 16.50 Draw, 90 ft. below spur, drains N.; ascend abrupt E. slope.
- 19.00 Spur, 30 ft. above draw, projects N. 20° E.; descend abrupt W. slope.
- 22.00 Draw, 80 ft. below spur, drains N.; ascend abrupt E. slope.
- 28.60 Spur, 80 ft. above draw, projects N.; descend abrupt W. slope.
- 36.50 Draw, 50 ft. below spur, drains N.; ascend gradual E. slope.
- 38.28 Easting of 40.00 chs. from the closing cor. of secs. 19 and 20.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 20 only, with brass cap marked.

$\frac{1}{4}$  S20

1925

From which,

A yellow pine, 18 ins. diam., bears S. 7° E., 67 lks. dist., marked  $\frac{1}{4}$  S20 BT.

A yellow pine, 36 ins. diam., bears S. 35° W., 106 lks. dist., marked  $\frac{1}{4}$  S20 BT.

40.55 The  $\frac{1}{4}$  sec. cor. originally for secs. 17 and 20, which is a limestone, 10 x 10 x 6 ins. above ground, loosely set, properly marked, from which,

A yellow pine, 12 ins. diam., bears S. 33° E., 63 lks. dist., marked  $\frac{1}{4}$  S BT. I efface the marks on this tree.

A yellow pine, 12 ins. diam., bears N. 10° W., 25 lks. dist., marked  $\frac{1}{4}$  S BT. I remark tree  $\frac{1}{4}$  S17 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 17 only, with brass cap marked.

$\frac{1}{4}$  S17

1925

Resurvey of Portion of Subdivision of Tract Surveyed & W.

Chains

3112

I take an additional bearing tree in sec. 17 as follows.

A yellow pine, 20 ins. diam., bears N. 73° E., 45 lks.

dist., marked S17 BT.

Thence,

S. 89°43' W., with continuous measurement.

41.60 Spur, 50 ft. above draw, projects N.; descend gradual W. slope.

50.60 Draw, 50 ft. below spur, drains N.; ascend gradual E. slope.

55.00 Spur, 40 ft. above draw, projects N. 30° E.; descend gradual W. slope.

60.00 Draw, 40 ft. below spur, drains NE.; ascend gradual SE. slope.

63.00 Spur, 40 ft. above draw; projects N. 30° E.; descend gradual NW. slope.

70.00 Draw, 40 ft. below spur, drains N.; ascend gradual E. slope.

74.50 Spur, 40 ft. above draw, projects N.; descend gradual W. slope.

78.28 Point for the closing cor. of secs. 19 and 20.

80.57 The cor. of secs. 17, 18, 19 and 20, 50 ft. below spur, which is a sandstone, 8 x 8 x 6 ins., loosely set, properly marked, from which,

A yellow pine, 10 ins. diam., bears N. 33° E., 57 lks.

dist., marked S17 T36S R4W BT. I remark tree T36S R4W S17 BT.

A cattail pine, 14 ins. diam., bears S. 4° E., 34 lks.

dist., marked S20 BT. I efface the marks on this tree.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for SW. cor. of sec. 17 only, with brass cap marked.

T36S  
R4W  
S17

S19

1925

Resurvey of Portion of Subdivision of T. 36 S., R. 4 W.

Chains

Lead, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow loose red clay and rocky; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense yellow pine, spruce, aspen and cedar.

Good grazing

North, on retracement line bet. secs. 17 and 18.

40.25 Fall 13 lks. E. of the  $\frac{1}{4}$  sec. cor. secs. 17 and 18, hereinafter described.

The course of this half mile therefore is, N.  $0^{\circ}11'$  W., and the distance is 40.25 chs.

Offset to the  $\frac{1}{4}$  sec. cor. and continue N. with continuous measurement.

80.14 Fall 16 lks. E. of the cor. secs. 7, 8, 17 and 18, hereinafter described.

The course of this half mile therefore is, N.  $0^{\circ}14'$  W., and the distance is 39.89 chs.

Thence,

From the SW. cor. of sec. 17.

N.  $0^{\circ}11'$  W., on resurvey line along the W. bdy. sec. 17.

Descend gradual N. slope of rolling mountainous land through dense timber and scattering undergrowth.

.67 Northing of 80.00 chs. from the cor. of secs. 19 and 30.

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

T36S	S17
S18	
S19	
R4W	

1925

From which,

A yellow pine, 10 ins. diam., bears S.  $58^{\circ}$  W., 52 lks. dist., marked T36S R4W S19 BT.

A yellow pine, 12 ins. diam., bears N.  $61^{\circ}$  W., 56 lks. dist., marked T36S R4W S18 BT.

Recovery of Portion of Subdivision of J. St. ...

Chains	
9.00	Leave timber and enter rolling bottom of Ollie Hollow, bears E. and W.
18.80	Read, bears E. and W.
20.30	Wash, 20 lks. wide, 15 ft. deep, in bottom of hollow, 80 ft. below cor., drains E.
25.00	Leave rolling bottom of Ollie Hollow and enter dense timber, bears E. and W.; thence ascend gradual S. slope.
40.25	The $\frac{1}{4}$ sec. cor. originally for secs. 17 and 18, which is sandstone, 12 x 10 x 10 ins. above ground, loosely set, marked $\frac{1}{4}$ on W. face, from which,
	A yellow pine, 14 ins. diam., bears N. 14° E., 21 lks. dist., marked $\frac{1}{4}$ S BT. I remark tree $\frac{1}{4}$ S17 BT.
	A yellow pine, 30 ins. diam., bears N. 30° W., 51 lks. dist., marked $\frac{1}{4}$ S BT. I efface the marks on this tree.
	Alongside the original cor.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor. sec. 17 only, with brass cap marked.
	$\frac{1}{4}$ S17
	1925
	Take an additional bearing tree as follows.
	A yellow pine, 16 ins. diam., bears S. 41° E., 116 lks. dist., marked $\frac{1}{4}$ S17 BT. Thence, N. 0° 14' W., with continuous measurement.
	Cor. is situated on top of spur, 60 ft. above bottom of Ollie Hollow, projects S. 60° E.
40.67	North of <sup>ing</sup> 40.00 chs. from the cor. of secs. 18 and 19.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 18 only, with brass cap marked.
	$\frac{1}{4}$ S18
	1925
	From which,
	A yellow pine, 14 ins. diam., bears S. 89° W., 24 lks. dist., marked $\frac{1}{4}$ S18 BT.
	A yellow pine, 10 ins. diam., bears N. 105° W., 112 lks. dist., marked $\frac{1}{4}$ S18 BT.

Resurvey of Portion of Subdivision of T. 36 S., R. 4 W.

Chains

- 42.60 Draw, 50 ft. below spur, drains SE.; ascend abrupt S. slope.
- 55.00 Ridge, 120 ft. above draw, bears N. 65° E. and S. 65° W.; descend abrupt N. slope; timber becomes scattering, bears E. and W.
- 60.00 Draw, 70 ft. below ridge, drains NE.; ascend gradual SE. slope.
- 63.00 Spur, 30 ft. above draw, projects E.; descend gradual N. slope.
- 66.50 Draw, 30 ft. below spur, drains S. 70° E.; ascend gradual SW. slope.
- 74.00 Ridge, 80 ft. above draw, bears E. and W.; descend abrupt N. slope.
- 80.14 The cor. of secs. 7, 8, 17 and 18, which is a sandstone, 12 x 10 x 4 ins., properly marked, from which  
 A lone sandstone butte, 30 ft. high, bears S. 55° W.,  
 . 8.88 chs. dist.  
 . Alongside the original cor.  
 Set an iron post, .3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 8 and 17 only, with brass cap marked.

S18	T36S S8
	S17 R4W

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
 No suitable bearing trees available.  
 Land, rolling and mountainous with a general southerly and northerly exposure and drainage.  
 Soil, shallow loose clay and rock; 3rd rate.  
 Undergrowth, scattering sagebrush; scattering mahogany on N. portion of mile.  
 Timber, dense and scattering aspen, and yellow pine on portions of mile.  
 Good grazing.

Resurvey of Portion of Section 7, T. 36 S., R. 4 W., S. 8

Chains

containing

40.10 North, on retracement line bet. sec. 7 and 8, 08.25  
 Fall 23 lks. W. of the  $\frac{1}{4}$  sec. cor. secs. 7 and 8, which  
 is hereinafter described. 00.28  
 The course of this half mile therefore is N.  $0^{\circ}20'$  E.,  
 and the distance is 40.10 chs. 00.38  
 Offset to the  $\frac{1}{4}$  sec. cor. and continue N. with continuous  
 measurement.

80.25 Intersect the cor. of secs. 5, 6, 7 and 8, hereinafter  
 described.

The course of this half mile therefore is North, and the  
 distance is 40.15 chs.

Thence, 00.45

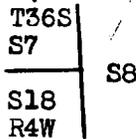
From the cor. of secs. 8, and 17. 00.55

N.  $0^{\circ}20'$  E., on resurvey line along the W. bdy. sec. 8.

Descend gradually over rolling mountainous land through  
 scattering timber and undergrowth.

.53 Northing of 40.00 chs. from the  $\frac{1}{4}$  sec. cor. sec. 18.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
 the ground, for cor. of secs. 7 and 18 only, with brass  
 cap marked.



1925

From which,

A cedar, 3 ins. diam., bears S.  $35^{\circ}$  W., 74 lks.  
 dist., marked BT.

A cedar, 6 ins. diam., bears N.  $28^{\circ}$  W., 105 lks.  
 dist., marked T36S R4W S7 BT.

5.00 Draw, 60 ft. below cor., drains N.  $30^{\circ}$  E.; ascend  
 gradual SE. slope.

17.30 Spur, 30 ft. above draw, projects N.  $60^{\circ}$  E.; descend  
 gradual NW. slope.

33.20 Wash, 10 lks. wide, 5 ft. deep, on bottom of draw, 130 ft.  
 below spur, drains E.; ascend gradual SE. slope.

40.10 On top of spur, 30 ft. above draw, projects E.; the  $\frac{1}{4}$

Reurvey of Portion of Subdivision of T. 36 S., R. 4 W.

Chains

at the 1/4 sec. cor. originally for secs. 7 and 8, which is a sandstone, 10 x 10 x 4 ins., firmly set, properly marked and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. sec. 8 only, with brass cap marked.

1/4 S8

1925

Dig pits, 18 x 18 x 12 ins., NE. and SE. from post, 3 ft. dist.

No other suitable accessories available.

Thence,

North, with continuous measurement.

40.39 Point midway bet. the cor. of secs. 5, 6, 7 and 8, and the cor. of secs. 7 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. sec. 7 only, with brass cap marked.

1/4 S7

1925

Dig pits, 18 x 18 x 12 ins., SW. and NW. of post, 3 ft. dist.

No other suitable accessories available.

45.00 Draw, 30 ft. below spur, drains E.; ascend gradual S. slope.

53.70 Spur, 40 ft. above draw, projects E.; descend gradual N. slope.

68.60 Draw, 40 ft. below spur, drains E.; trail in bottom of draw, bears E. and W.; ascend gradual S. slope.

80.25 On rolling S. slope, 50 ft. above draw; the cor. of secs. 5, 6, 7 and 8, which is a sandstone, 10 x 10 x 4 ins., firmly set, properly marked, from which,

A cedar, 8 ins. diam., bears S. 69° E., 55 lks. dist., marked S8 T36S R4W BT.

Alongside the original cor.

Resurvey of Portion of Subdivision of T. 36 S. R. 4 W.

Chains

anishD

Set an iron post, 3 ft. long, 8 ins. diam.; 27 ins. in ground, for cor. of secs. 5, 6, 7 and 8, with brass cap marked,

T36S	R4W
S6	S5
S7	S8

1925

From which,

A cedar, 6 ins. diam., bears N. 64° E., 30 lks. dist., marked T36S R4W S5 BT.

A cedar, 12 ins. diam., bears S. 35° W., 42 lks. dist., marked T36S R4W S7 BT.

A mahogany, 3 ins. diam., bears N. 75° W., 94 lks. dist., marked BT.

Land, rolling and mountainous with a general southerly and northerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattering sagebrush and mahogany.

Timber, scattering cedar and yellow pine.

Good grazing.

North, on retracement line bet. secs. 5 and 6.

40.00 Find no trace of the  $\frac{1}{4}$  sec. cor.

80.00 Intersect the 7th standard parallel S., 47 lks. W. of the closing cor. of secs. 5 and 6.

The course of this mile therefore is, N. 0°20' E., and the distance is 80.00 chs.

Thence,

From the cor. of secs. 5, 6, 7 and 8.

N. 0°20' E., on resurvey line bet. secs. 5 and 6.

Ascend abrupt S. slope of rolling mountainous land through dense timber and scattering undergrowth.

6.60 Spur, 40 ft. above cor., projects E.; descend gradual N. slope.

11.60 Draw, 40 ft. below spur, drains E.; ascend gradual S. slope.

Resurvey of Portion of Subdivision of T. 36 S., R. 4 W.

Chains

- 20.50<sup>0</sup> Ascent becomes abrupt, bears E. and W.  
 30.85 Ridge, 150 ft. above draw, bears E. and W.; descend abrupt N. slope.  
 46.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. secs. 5 and 6, with brass cap marked.

$\frac{1}{4}$   
 S6 | S5  
 1925

From which,

A yellow pine, 10 ins. diam., bears S. 60° E., 11 lks. dist., marked  $\frac{1}{4}$  S5 BT.

A yellow pine, 8 ins. diam., bears N. 75° W., 33 lks. dist., marked  $\frac{1}{4}$  S6 BT.

- 40.30 Draw, 10 ft. below cor., drains E.; ascend gradual S. slope  
 41.80 Spur, 30 ft. above draw, projects E.; descend gradual N. slope.  
 63.00 Draw, 100 ft. below spur, drains E.; ascend gradual S. slope.  
 67.00 Spur, 20 ft. above draw, projects N. 70° E.; descend gradual N. slope.  
 75.00 Open draw, 40 ft. below spur, drains E.; ascend gradual S. slope.  
 80.00 The closing cor. of secs. 5 and 6, which is a small mound of earth and stone, on top of which is several pieces of a stone, which I take for the cor. stone, from which  
 A yellow pine, 15 ins. diam., bears S. 3° E., 95 lks. dist., marked S6 BT. I remark tree T36S R4W S5 CC BT.  
 Along side the pieces of stone:  
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap marked.

T35S R4W

S32

S6 | S5  
 T36S | R4W  
 C | C

1925

Resurvey of Portion of Subdivision of T. 36 S., R. 4 W.

Chains

Take an additional bearing tree to cor. as follows:  
 A yellow pine, 12 ins. diam., bears S.  $21^{\circ}30'$  W., 121.2k  
 dist., marked T36S R4W S6 CC BT.

Cor. is East, 8.55 chs. dist. from the standard cor. of  
 secs. 31 and 32, heretofore described.

Land, rolling and mountainous with a general northerly  
 and southerly exposure and drainage.

Soil, shallow loose clay and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, aspen, spruce and yellow pine.

Good grazing.

Survey of South Boundary, T. 36 S., R. 4 W.

From the  $\frac{1}{2}$  sec. cor. secs. 5 and 32, heretofore described.  
 West, bet. secs. 5 and 32.

Ascend gradual E. slope of rolling mountainous land  
 through scattering undergrowth.

- 4.00 Enter dense timber, bears N. and S.
- 31.56 Yellow pine, 30 ins. diam., which I mark for line tree.
- 31.60 Spur, 170 ft. above cor., projects N.; descend gradual  
 W. slope.
- 35.20 Draw, 40 ft. below spur, drains NE.; ascend gradual SE.  
 slope.
- 40.00 On gentle E. slope, 60 ft. above draw.  
 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
 the ground, for cor. of secs. 5, 6, 31 and 32, with  
 brass cap marked.

T36S	R4W
S31	S32
S6	S5
T36S	

1925

From which,

A yellow pine, 8 ins. diam., bears N.  $39^{\circ}30'$  E., 80 lks.  
 dist., marked T36S R4W S32BT.

Survey of South Boundary of T. 36 S., R. 4 W.

Chains

A yellow pine, 10 ins. diam., bears S. 58° E., 80 lks. dist., marked T37S R4W S5 BT.

A yellow pine, 10 ins. diam., bears S. 35° W., 129 lks. dist., marked T37S R4W S6 BT.

A yellow pine, 14 ins. diam., bears N. 15° W., 50 lks. dist., marked T36S R4W S31 BT.

From this cor., a cor. which I assume had been set by the Forest Service, on account of the bearing trees being marked FS, bears S. 7° W., 138 lks. dist. Cor. is a sandstone, 12 x 6 x 6 ins. above ground, marked with 1 notch on W. edge and 5 notches on E. edge and witnessed by one bearing tree. I efface all marks on bearing tree and cor. that pertain to the cor. of secs. 5, 6, 31 and 32.

Land, rolling, with a general northeasterly exposure and drainage.

Soil, shallow black loam and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, spruce and yellow pine.

Good grazing.

---

West, bet. secs. 6 and 31.

Ascend gradually over rolling mountainous land through dense timber and scattering undergrowth.

7.60 The N. point of spur, 80 ft. above cor.; descend gradual W. slope.

17.50 Draw, 80 ft. below spur, drains N.; ascend abrupt E. slope.

23.60 Spur, 180 ft. above draw, projects N. 20° E.; descend gradual W. slope.

30.20 Draw, 100 ft. below spur, drains N.; ascend abrupt E. slope.

40.00 On abrupt E. slope, 200 ft. above draw.

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

Survey of South Boundary of T. 36 S., R. 4 W.

Chains

S31  
S6  
1925

From which,

A yellow pine, 8 ins. diam., bears S. 8° E., 49 lks. dist., marked  $\frac{1}{4}$  S61 BT.

A yellow pine, 8 ins. diam., bears N. 59° W., 60 lks. dist., marked  $\frac{1}{4}$  S31 BT.

From this cor., a cor. which is a limestone, 12 x 8 x 6 ins. above ground, marked  $\frac{1}{4}$  S on N. face, bears S. 7°30' W., 137 lks. dist. Cor. is witnessed by two bearing trees. I efface the marks on cor. and bearing trees that pertain to the  $\frac{1}{4}$  sec. cor.

44.00 Spur, 40 ft. above cor., projects NE.; descend gradual NW. slope.

52.40 Small draw, 20 ft. below spur, drains NE.; ascend gradual SE. slope.

56.35 A yellow pine, 30 ins. diam., which I mark for line tree.

60.00 Ridge, 40 ft. above draw, bears NE. and SW.; thence over rolling N. slope of ridge.

72.24 A yellow pine, 24 ins. diam., which I mark for line tree.

77.78 Allowing for convergency; on rolling N. slope.

Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for cor. of Ts. 36 and 37 S., Rs. 4 and 4 $\frac{1}{2}$  W., with brass cap marked.

T36S  
R4 $\frac{1}{2}$ W | R4W  
S36 | S31  
S1 | S6  
T37S  
1925

From which,

A fir, 20 ins. diam., bears N. 50° E., 63 lks. dist., marked T36S R4W S31 BT.

A yellow pine, 14 ins. diam., bears S. 65° E., 85 lks. dist., marked T37S R4W S6 BT.

Survey of South Boundary of T. 36 S., R. 4 W.

Chains

A yellow pine, 12 ins. diam., bears S. 5° W., 49 lks.

dist., marked T37S R4 $\frac{1}{2}$ W S1 BT.

A fir, 14 ins. diam., bears N. 28° W., 37 lks. dist.,

marked T36S R4 $\frac{1}{2}$ W S36 BT.

From this cor. a limestone, 10 x 10 x 6 ins. above ground,

marked with 6 notches on all four edges and witnessed

by four bearing trees, bears S. 60°35' W., 2.76 chs.

dist. I efface the marks on cor. and bearing trees that

pertain to the township cor.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow loose black loam and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, aspen, fir, spruce and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 W.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the township.

N. 0°03' W., bet. secs. 31 and 32.

Descend gradually over rolling mountainous land through dense timber and scattering undergrowth.

20.00 Draw, 80 ft. below cor., drains E.; ascend gradual S. slope.

23.70 Spur, 30 ft. above draw, projects SE.; descend gradual NW. slope.

28.70 Draw, 50 ft. below spur, drains SE.; ascend gradual SW. slope.

40.00 On gradual SW. slope, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 31 only, with brass cap marked.

333 feet above cor. to 531

1925

only valley has slope, lower, upper end, red, blue, black

Chains

From which, only roller A

A gattail pine, 8 ins. diam., bears S. 11° W., 35 lks.

dist., marked  $\frac{1}{4}$  S31 BT.

A spruce, 6 ins. diam., bears N. 20° W., 28 lks.

dist., marked  $\frac{1}{4}$  S31 BT.

40.67 Midpoint bet. the closing cor. of secs. 29 and 32 and the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 32 only, with brass cap marked.

|  $\frac{1}{4}$  S32  
1925

From which,

A yellow pine, 12 ins. diam., bears N. 5° E., 102 lks.

dist., marked  $\frac{1}{4}$  S32 BT.

A yellow pine, 16 ins. diam., bears S. 33° E., 80 lks.

dist., marked  $\frac{1}{4}$  S32 BT.

49.00 Ridge, 120 ft. above the  $\frac{1}{4}$  sec. cor. sec. 31, bears NE. and SW.; descend gradual NW. slope.

80.00 On gentle NW. slope, 150 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 30 and 31 only, with brass cap marked.

T36S  
S30  
-----  
S31  
R4W

1925

From which,

A yellow pine, 15 ins. diam., bears S. 11° W., 270 lks.

dist., marked T36S R4W S31 BT.

A yellow pine, 6 ins. diam., bears N. 87° W., 225 lks.

dist., marked T36S R4W S30 BT.

Land, rolling and mountainous with a general northeasterly exposure and drainage.

Soil, shallow red clay and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, spruce, aspen and yellow pine.

Subdivision of T. 36 S., R. 4 W.

**Chains**

West, on random line bet. secs. 30 and 31.

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

77.76 Intersect the W. bdy. of the township, 23 lks. N. of the cor. secs. 25, 30, 31 and 36, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey of T. 36 S., R. 4 $\frac{1}{2}$  W.

Thence,

N. 89°50' E., on true line bet. secs. 30 and 31.

Descend gradually over rolling E. slope of mountainous land through dense timber and scattering undergrowth.

3.80 Draw, 30 ft. below cor., drains N.; ascend gradual W. slope.

8.80 Spur, 60 ft. above draw, projects N.; descend gradual E. slope.

15.00 Draw, 70 ft. below spur, drains N. 30° E.; ascend gradual NW. slope.

18.10 Small spring of good water, bears S., about 15.00 chs. dist.

22.50 Spur, 40 ft. above draw, projects NE.; descend gradual SE. slope.

27.00 Draw, 30 ft. below spur, drains N.; ascend gradual W. slope.

30.00 Spur, 30 ft. above draw, projects NE.; descend gradual SE. slope.

37.76 In bottom of draw, 40 ft. below spur, drains N.

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

S30  
 $\frac{1}{4}$  —————  
 S31  
 1925

From which,

A yellow pine, 24 ins. diam., bears S. 30° W., 215 lks. dist., marked  $\frac{1}{4}$  S31 BT.

A yellow pine, 6 ins. diam., bears N. 86° W., 100 lks. dist., marked  $\frac{1}{4}$  S30 BT.

Subdivision of T. 33 S., R. 4 W.

Chains

- 44.00 Spur, 50 ft. above cor., projects N. 20° E.; descend gradual E. slope.
- 52.30 Draw, 40 ft. below spur, drains N. 10° E.; ascend gradual W. slope.
- 56.50 Spur, 40 ft. above draw, projects N. 40° E.; descend gradual SE. slope.
- 63.50 Draw, 40 ft. below spur, drains N.; ascend gradual W. slope.
- 68.00 Spur, 80 ft. above draw, projects N.; descend gradual E. slope.
- 76.00 Open draw, drains N., 50 ft. below spur; ascend gradual W. slope.
- 77.76 The cor. of secs. 30 and 31, 20 ft. above draw.
- Land, rolling and mountainous with a general northerly exposure and drainage.
- Soil, shallow loose clay and rock; 3rd rate.
- Undergrowth, scattering sagebrush.
- Timber, dense aspen, cedar, spruce and yellow pine.
- Good grazing.
- 
- N. 0°03' W., along the E. bdy. of sec. 30.
- Descend gradually over rolling mountainous land through dense timber and scattering undergrowth.
- 1.34 Point for the closing cor. of secs. 29 and 32, hereinafter described.
- 14.40 Enter open bottom of wide draw called Blue Fly; bears NE. and SW.
- 17.20 Road; bears NE. and SW.
- 26.00 Wash, 50 lks. wide, 15 ft. deep, in bottom of Blue Fly, drains NE.
- 27.50 Leave bottom of Blue Fly, 40 ft. below cor., bears E. and W.; ascend gradual SE. slope.
- 40.00 On gradual S. slope, 150 ft. above Blue Fly.
- Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  Sec. cor. sec. 30 only, with brass cap marked.

Chains

1/4 S30

1925

From which, OS line 61

A cedar, 10 ins. diam., bears S. 52° W., 48 lks. dist., marked 1/4 S30 BT.

A cedar, 10 ins. diam., bears N. 23° W., 68 lks. dist., marked 1/4 S30 BT.

41.34 Northing of 40.00 chs. from the closing cor. of secs. 29 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor. sec. 29 only, with brass cap marked.

1/4 S29

1925

From which,

A cedar, 10 ins. diam., bears S. 20° E., 43 lks. dist., marked 1/4 S29 BT.

A yellow pine, 20 ins. diam., bears N. 11° E., 149 lks. dist., marked 1/4 S29 BT.

42.50 Ridge, 50 ft. above the 1/4 sec. cor. sec. 30, bears E. and W.; descend gradual N. slope.

47.80 Draw, 20 ft. deep, drains NE.

51.00 Spur, 20 ft. high, projects NE.

53.00 Draw, 30 ft. deep, drains NE.

55.50 Spur, 30 ft. high, projects NE.

61.80 Draw, 30 ft. deep, drains NE.

64.70 Spur, 30 ft. high, projects NE.

74.30 Trail, bears NE. and SW.

76.20 Wash, 40 lks. wide, 20 ft. deep, in bottom of open draw, which is the right fork of Blue Fly, 150 ft. below ridge, drains E.; ascend gradual W. slope.

78.44 Fall 9 lks. E. of a sandstone, 8 x 8 x 6 ins., above ground, marked 5 notches on E. edge and 2 notches on S. edge, witnessed by a small mound of stone to the W. I efface the marks on cor. that pertain to secs. 19, 20, 29 and 30.

Subdivision of T. 36 S. 29 & 30 W.

21120

Chains

80.00 On gentle W. slope, 40 ft. above wash.

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

T36S	
S19	
-----	
S30	S29
R4W	

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No suitable bearing trees available.

Land, rolling and mountainous, with a general northeaster exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense aspen, spruce, cedar and yellow pine.

Good grazing.

From the 1/4 sec. cor. sec. 32, heretofore described.

West, on random line bet. secs. 29 and 32.

42.63 Intersect the E. bdy. of sec. 30, 134 lks. N. of the cor. secs. 30 and 31.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 29 and 32, with brass cap marked.

	T36S	
	S29	C
S30	-----	
	S32	C

1925

From which,

A yellow pine, 30 ins. diam., bears N. 45° E., 216 lks. dist., marked T36S R4W S29 CC BT.

A yellow pine, 8 ins. diam., bears S. 70° E., 148 lks. dist., marked T36S R4W S32 CC BT.

Thence,

East, on true line bet. secs. 29 and 32.

Ascend gradual W. slope of rolling mountainous land

Chains

- and through dense timber and scattering undergrowth.
- 27.80 Ridge, 76 ft. above cor., bears N. and S.; descend gradual SE. slope.
- 40.00 On gentle SE. slope, 30 ft. below ridge.  
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 29 only, with brass cap marked.
- $\frac{1}{4}$  S29
- 1925
- From which,
- A yellow pine, 14 ins. diam., bears N.  $14^{\circ}$  E., 26 lks. dist., marked  $\frac{1}{4}$  S29 BT.
- A yellow pine, 20 ins. diam., bears N.  $42^{\circ}$  W., 61 lks. dist., marked  $\frac{1}{4}$  S29 BT.
- 42.63 The  $\frac{1}{4}$  sec. cor. sec. 32.  
Land, rolling and mountainous with a general southeasterly and northwesterly exposure and drainage.  
Soil, shallow clay and sand; 3rd rate.  
Undergrowth, scattering sagebrush.  
Timber, dense yellow pine, cedar and spruce.  
Good grazing.
- 
- From the cor. of secs. 19 and 30.  
S.  $89^{\circ}50'$  W., on random line bet. secs. 19 and 30.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 77.86 Intersect the W. bdy. of the township, 40 lks. S. of the cor. secs. 19, 24, 25 and 30, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of T. 36 S., R.  $4\frac{1}{2}$  W.
- Thence,  
S.  $89^{\circ}53'$  E., on true line bet. secs. 19 and 30.  
Ascend gradually over rolling mountainous land through scattering undergrowth and dense timber, over series of small spurs and draws draining NE.
- 37.78 On rolling SE. slope, 80 ft. below sec. cor.

Subdivision of Twp 30 S., R. 22 W.

Chains

Set an iron post, 3 ft. long, 1 1/2 in. diam., 18 ins. in the ground to bedrock and in a large mound of stones, 1/4 sec. cor., with brass cap marked.

S19 00.00  
S30  
1925

From which,

A yellow pine, 6 ins. diam., bears N. 32° E., 34 lks. dist., marked 1/4 S19 BT.

A yellow pine, 12 ins. diam., bears S. 81° W., 70 lks. dist., marked 1/4 S30 BT.

From this cor., a cedar post, 2 ins. diam., 4 ft. long, marked 1/4 S and witnessed by 1 bearing tree, bears S. 57° 23' W., 243 lks. dist. I efface the marks on cor. and bearing tree that pertain to the 1/4 sec. cor.

52.60 Mouth of draw, drains from the S. Leave timber, bears SE. and NW.

66.00 Enter rolling bottom of right fork of Blue Fly, bears S. 70° E. and N. 70° W.

67.50 Wash, 15 lks. wide, 10 ft. deep, drains S. 70° E.

72.05 Wash, 30 lks. wide, 5 ft. deep, drains SE.

77.86 The cor. of secs. 19 and 30, same elevation as the 1/4 sec cor.

Land, rolling and mountainous with a general southeaster exposure and drainage.

Soil, deep clay and sand; 2nd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar and yellow pine on W. portion of mil

Good grazing.

N. 0° 03' W., along the E. bdy. of sec. 19.

Ascend gradually over rolling mountainous land through dense timber and scattering undergrowth.

1.34 Northing of 40.00 chs. from the 1/4 sec. cor. sec. 29.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

**Chains**

the ground, for cor. of secs. 20 and 29 only, with  
 .511 97 Brass cap marked.

.511 98 T36S  
 S20  
 S19  
 S29  
 R4W

1925

From which,

.511 99 A yellow pine, 18 ins. diam., bears N. 63° E., 200 lks.  
 .511 100 dist., marked T36S R4W S20 BT.

A yellow pine, 20 ins. diam., bears S. 77° E., 140 lks.  
 dist., marked T36S R4W S29 BT.

34.00 Draw, 20 ft. deep, drains S. 10° W.; continue gradual  
 ascent.

38.75 Fall 20 lks. E. of a limestone, 10 x 8 x 6 ins. above  
 ground, marked  $\frac{1}{4}$  on W. face and witnessed by two  
 bearing trees. I efface the marks of bearing trees and  
 stone that pertain to the  $\frac{1}{4}$  sec. cors.

40.00 On gradual SE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor. sec. 19 only, with brass  
 cap marked.

$\frac{1}{4}$  S19

1925

From which,

A yellow pine, 26 ins. diam., bears S. 30° W., 150 lks.  
 dist., marked  $\frac{1}{4}$  S19 BT.

A yellow pine, 20 ins. diam., bears N. 45° W., 83 lks.  
 dist., marked  $\frac{1}{4}$  S19 BT.

41.34 Northing of 40.00 chs. from cor. secs. 20 and 29; on top  
 of spur, 150 ft. above cor. secs. 19 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
 ground to bedrock and in a large mound of stone, for  
 $\frac{1}{4}$  sec. cor. sec. 20 only, with brass cap marked.

$\frac{1}{4}$  S20

1925

Subdivision of T. 53 S., R. 4 W.

Chains

From which,

A yellow pine, 20 ins. diam., bears N. 62° E., 36 lks. dist., marked  $\frac{1}{4}$  S20 BT.

A yellow pine, 6 ins. diam., bears S. 2° E., 140 lks. dist., marked  $\frac{1}{4}$  S20 BT.

45.30 Same draw as last, 20 ft. below ridge, drains SE.; ascend gradual SW. slope.

55.00 Top of Divide between Blue Fly and Ollie Hollow, 50 ft. above draw, bears E. and W.; descend gradual N. slope.

61.00 Head of draw, 30 ft. below ridge, drains N. 70° W.; ascend gradual SW. slope.

69.00 Spur, 70 ft. above head of draw, projects N. 35° E.; descend gradual NW. slope.

79.33 Intersect the S. bdy. of sec. 17, N. 89° 43' E., 2.29 chs. dist. from the SW. cor. of sec. 17.

At point of intersection, on gradual NW. slope, 80 ft. below spur.

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

S17	
S19	S20
T36S	R4W
C	C

1925

From which,

A cattail pine, 10 ins. diam., bears S. 21° E., 10 lks. dist., marked T36S R4W S20 CC BT.

A yellow pine, 11 ins. diam., bears S. 38° W., 50 lks. dist., marked T36S R4W S19 CC BT.

Land, rolling and mountainous with a general southerly and northerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense cedar, aspen, cattail and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 W.

Chains

- From the cor. of secs. 20, 21, 28 and 29.  
 West, on random line bet. secs. 20 and 29.
- 40.00 Set lamp.  $\frac{1}{4}$  sec. cor.
- 79.34 Intersect the E. bdy. of sec. 19, 33 lks. S. of the cor.  
 secs. 20 and 29.  
 Thence,  
 S.  $89^{\circ}46'$  E., on true line bet. secs. 20 and 29.  
 Ascend abrupt W, slope of rolling mountainous land through  
 dense timber and scattering undergrowth.
- 11.60 Spur, 180 ft. above cor., projects S.  $70^{\circ}$  E.; descend  
 gradual NE; slope.
- 26.50 Draw, 70 ft. below spur, drains SE.; ascend gradual SW.  
 slope.
- 40.00 On gradual SW. slope, 50 ft. above draw.  
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- |               |
|---------------|
| S20           |
| $\frac{1}{4}$ |
| -----         |
| S29           |
| 1925          |
- From which,  
 A yellow pine, 10 ins. diam., bears S.  $1^{\circ}$  W., 90 lks.  
 dist., marked  $\frac{1}{4}$  S29 BT.  
 A yellow pine, 6 ins. diam., bears N.  $74^{\circ}$  W., 30 lks.  
 dist., marked  $\frac{1}{4}$  S20 BT.
- 42.50 Spur, 20 ft. above cor., projects S.; descend gradual  
 E. slope.
- 48.00 Draw, 50 ft. below spur, drains S.; ascend gradual W.  
 slope.
- 51.00 Spur, 30 ft. above draw, projects S.; descend gradual  
 E. slope.
- 58.00 Draw, 100 ft. below spur, drains S.; ascend gradual  
 W. slope.
- 71.00 Spur, 180 ft. above draw, projects S.; descend gradual  
 E. slope.
- 79.34 The cor. of secs. 20, 21, 28 and 29, 120 ft. below spur.

Subdivision of T. 36 S. R. 4 W.

Chains

aligned

Land, rolling and mountainous with a general westerly exposure and drainage.  
Soil, shallow clay, sand and rock; 3rd rate.  
Undergrowth, scattering sagebrush.  
Timber, dense cedar, aspen, spruce and yellow pine.  
Good grazing.

From the cor. of secs. 18 and 19.

N. 89° 53' W., on random line bet. secs. 18 and 19.

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

73.58 Intersect the W. bdy. of the township, 7 lks. N. of the cor. secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of T. 36 S., R. 4 $\frac{1}{2}$  W.

Thence,

S. 89° 56' E., on true line bet. secs. 18 and 19.

Descend gradually along S. side of Ollie Hollow through dense timber and scattering undergrowth.

11.00 Mouth of draw from the S. 30° W.

11.20 Leave S. side of Ollie Hollow, 80 ft. below cor., drains N. 80° E.; ascend gradual NW. slope.

26.80 Spur, 40 ft. above hollow, projects NE.; descend gradual SE. slope.

33.70 Draw, 30 ft. below spur, drains N.; ascend gradual W. slope.

35.58 Westing of 40.00 chs. from the cor. of secs. 18 and 19.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 18 only, with brass cap marked.

$\frac{1}{4}$  S18 ✓

1925

From which,

A yellow pine, 6 ins. diam., bears N. 73° E., 15 lks. dist., marked  $\frac{1}{4}$  S18 BT.

A yellow pine, 12 ins. diam., bears N. 61° W., 18 lks. dist., marked  $\frac{1}{4}$  S18 BT.

Chains

37.87 Westing of 40.00 chs. from the closing cor. of secs. 19 and 20.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. sec. 19 only, with brass cap marked.

$\frac{1}{4}$  S19

1925

From which,

A yellow pine, 10 ins. diam., bears S. 60° E., 57 lks. dist., marked  $\frac{1}{4}$  S19 BT.

A yellow pine, 12 ins. diam., bears S. 37° W., 22 lks. dist., marked  $\frac{1}{4}$  S19 BT.

From this cor., a limestone, 10 x 10 x 10 ins., marked  $\frac{1}{4}$  on N. face and witnessed by two bearing trees, bears N. 78° 37' W., 1.15 chs. dist. I destroy the marks on the stone and bearing trees that pertain to the  $\frac{1}{4}$  sec. cors.

38.40 Spur, 40 ft. above draw, projects N; descend gradual E. slope.

41.00 Draw, 30 ft. below spur, drains N. 30° E., 3.00 chs. to Ollie Hollow; ascend gradual W. slope.

46.50 Spur, 30 ft. above draw, projects N.; descend gradual E. slope.

49.00 Draw, 30 ft. below spur, drains N., 4.00 chs. to Ollie Hollow; ascend gradual W. slope.

53.00 Spur, 40 ft. above draw, projects NE.; descend gradual E. slope.

57.00 Draw, 30 ft. below spur, drains N.; ascend gradual W. slope.

75.58 The cor. of secs. 18 and 19, 50 ft. above draw.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattering sagebrush.

Timber, dense aspen, spruce, cedar and yellow pine.

Good grazing.

Subdivision of T. 36 S., R. 4 W.

Chains

marked

- From the cor. of secs. 7 and 18. N. 89°56' W., on random line bet. secs. 7 and 18.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 75.07 Intersect the W. bdy. of the township, 2 lks. S. of the cor. secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey of T. 36 S., R. 4 $\frac{1}{2}$
- Thence,
- S. 89°55' E., on true line bet. secs. 7 and 18.
- Ascend gradually over rolling mountainous land through scattering timber and undergrowth.
- 15.40 Spur, 80 ft. above cor., projects NE.; descend gradual SE. slope.
- 29.50 Draw, 100 ft. below spur, drains N. 20° E.; ascend gradual NW. slope.
- 35.07 On rolling NW. slope, 80 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $\frac{1}{4}$   $\frac{S7}{S18}$   
 1925
- From which,
- A yellow pine, 16 ins. diam., bears S. 56° W., 97 lks. dist., marked  $\frac{1}{4}$  S18 BT.
- No other suitable bearing tree available.
- 40.63 Fall 20 lks. N. of the original  $\frac{1}{4}$  sec. cor. secs. 7 and 18, which is a sandstone, 12 x 12 x 4 ins. above ground marked  $\frac{1}{4}$  on N. face and witnessed by two bearing trees. I efface the marks on stone and bearing trees that pertain to the  $\frac{1}{4}$  sec. cor.
- 53.00 Spur, 40 ft. above cor., projects N.; descend gradual E. slope.
- 58.00 Draw; 40 ft. below spur, drains N. 20° E.; ascend gradual W. slope.
- 73.00 Spur, 40 ft. above draw, projects N.; descend gradual E. slope.

Subdivision of T. 36 S. R. 14 W.

Chains.

75.07. The cor. of secs. 7 and 18, 40 ft. below draw.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow clay, sand and rock; 3d. rate.

Undergrowth, scattering sagebrush and mahogany.

Timber, scattering yellow pine.

Good grazing.

From the cor. of secs. 5, 6, 7, and 8, N. 89° 55' W. on random line bet. secs. 6 and 7,

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

75.30 Intersect the corner of secs. 1, 6, 7, and 12, on the W.

bdy. of the township, which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the notes of T. 36 S. R. 4 $\frac{1}{2}$  W.

Thence S. 89° 55' E. on true line between secs. 6 and 7.

Descend gradually along abrupt S. slope of ridge, through dense timber and scattering undergrowth.

28.50 Base of abrupt S. slope, bears NE. and SW.; timber becomes scattering; thence descend gradual SE. slope.

34.90 The original  $\frac{1}{4}$  sec. cor. secs. 6 and 7, which is a sandstone 18 x 10 x 6 ins., marked  $\frac{1}{4}$  on N. face, and witnessed by two bearing trees, bears S. 47° 30' W. 18 lks. dist. I efface the marks on bearing trees and stone that pertain to the  $\frac{1}{4}$  sec. cor. secs. 6 and 7.

35.30 On gradual SE. slope, 200 ft. below sec. cor. Set an iron post 3 ft. long, 1 in. diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

187.00	187.00	$\frac{1}{4}$	<u>S 6</u>
			S 7
			1935

from which

A yellow pine 16 ins. diam. bears S. 72° W. 10 lks. dist., marked  $\frac{1}{4}$  S 7 B T

Subdivision of T. 38 S. R. 16 W.

Chains  
 A yellow pine 16 ins. diam. bears 100 567 W. 191 27  
 lks. dist. marked S 6 B 1 for final  
 45.00 Draw, 40 ft. below cor., drains N. 70° E.; ascend gradual NW. slope.  
 56.00 Re-cross same draw draining SE.  
 65.00 Spur, 30 ft. above draw, projects S. Descend gradual E. slope.  
 75.30 The cor. of secs. 5, 6, 7, and 8, 40 ft. below spur.  
 Land, rolling and mountainous with a general southerly exposure and drainage.  
 Soil, shallow, loose sand, clay, and rock; 3d rate.  
 Undergrowth, scattering sagebrush and mahogany.  
 Timber, scattering and dense cedar, spruce, and yellow pine on portions of the mile.  
 Good grazing.

Latitudes, Departures, and Closing Errors.

Lines Designated	True Bearing	Dist. chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
West Boundary	South	479.69	.....	479.69	.....	.....
South Boundary	East	157.78	.....	.....	157.78	.....
East Bdy. Sec. 32	N. 2° 24' E.	41.31	41.27	.....	1.73	.....
	N. 1° 08' E.	39.89	39.88	.....	.79	.....
East Bdy. Sec. 29	N. 3° 52' W.	39.97	39.88	.....	.....	2.7
	N. 0° 51' W.	39.83	39.83	.....	.....	5
East Bdy. Sec. 20	N. 0° 17' W.	39.38	39.38	.....	.....	2
	N. 1° 05' W.	39.91	39.90	.....	.....	7
South Bdy. Sec. 17	S. 88° 39' W.	40.55	.....	.....	.....	40.5
	S. 89° 43' W.	40.02	.....	.20	.....	40.0
West Bdy. Sec. 17	N. 0° 11' W.	40.25	40.25	.....	.....	1
	N. 0° 14' W.	39.89	39.89	.....	.....	1
West Bdy. Sec. 8	N. 0° 20' E.	40.10	40.10	.....	.23	.....
	North	40.15	40.15	.....	.....	.....
West Bdy. Sec. 5	N. 0° 20' E.	80.00	80.00	.....	.47	.....
7th St. Par. S. R. 4 W.	West	8.55	.....	.....	.....	8.5
	S. 89° 45' W.	67.33	.....	.....	.....	67.3
Convergency			480.53	481.14	161.00	161.0
Errors in latitudes and departures				480.53		161.0
				0.61		0.1

hold more

Sec. 5, 6, 7, and 8, 40 ft. below spur

lks. dist. marked S 6 B 1 for final

General Description of T. 36 S., R. 4 W.

The land within the boundaries of this fractional township, consists of the rolling top of the Sevier Mountains and is all within the boundaries of the Powell National Forest. It has a general easterly exposure and drainage, and is drained by wide open draws which drain in an easterly direction to the East Fork Sevier River. This river is a stream of muddy water, 20 lks. wide, 10 inches deep, which enters the fractional township on south boundary of section 32, and flows in a northerly direction, leaving it on the east boundary of section 29. The only other stream of water in the township, is a small stream near the mouth of a large open draw called Blue Fly. This stream flows in an easterly direction through the north portion of section 29. A small spring of good water is also located in the SW.  $\frac{1}{4}$  of section 18. No other water except the stream and springs herein mentioned were found in the township.

All of the fractional township is covered with a dense growth of cedar, aspen, spruce and yellow pine timber. The spruce and yellow pine timber is suitable for lumber and a portion of this timber is being made into lumber by a saw mill located in the adjoining township to the north.

The undergrowth consists of a scattered growth of sagebrush, mahogany and grass, which affords good grazing for stock. No portion of the township is being cultivated but the lands in the bottom of the wide, open draws could be dry farmed.

The soil in the bottom of these draws consists of a deep, clay and sand loam while that on the slopes of the spurs and ridges is a shallow red clay and rock.

No settlers, improvements, indications of mineral, coal, or oil, were found on the fractional township.

The magnetic declination was not taken on account of a defective needle.

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... ..  
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**Page**

BOOK A-485

4-880

**FIELD ASSISTANTS.**

**NAMES**

**CAPACITY**

<b>Edward Eliason</b>	<b>1st Chairman</b>
<b>Golden Billings</b>	<b>2nd Chairman</b>
<b>Rodney Baker</b>	<b>Axeman</b>
<b>Frank Barney</b>	<b>Flagman</b>
<b>Jess W. Key</b>	<b>Axeman</b>

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 3rd day of August, 1912 I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of resurvey of a portion of the seventh standard parallel south through R. 4 W., a portion of the south boundary and subdivision, and survey of a portion of the south boundary and subdivision of T. 36 S., R. 4 W.

of the Salt Lake Base

And Meridian, in the State of Utah, which are represented in and date diagram on dates shown on said diagram the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah

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

Salt Lake City, Utah.
March 5, 1926.

Signature of Elliot Bird, U.S. Surveyor.

APPROVAL.

Office of the Supervisor of Surveys,
Office of the United States Surveyor General,

Denver, Colorado, OCT 25 1928, 191

The foregoing field notes of the survey of a portion of the seventh standard parallel South, through Range 4 West; a portion of the south boundary and subdivision; and survey of a portion of the south boundary and subdivision of Township No. 36 South, Range No. 4 West of the Salt Lake Base and Meridian, Utah

executed by Elliot Bird under his special instructions dated August 3, 1923, 191, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys and resurveys they describe, are hereby approved.

Signature of Supervisor of Surveys.

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

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RECEIVED

JUL 1 1923

District Cadastral Engineer

Salt Lake City, Utah

BOOK A-485

# FIELD NOTES

OF THE SURVEY OF THE

NORTH, SOUTH AND WEST BOUNDARIES

AND SUBDIVISION

OF

T.42 S., R.13 E

Of the Salt Lake Base and Meridian,

the State of Utah

EXECUTED BY

Chas. F. Moore

Robert C. Yundt and

Willis W. Bandy,

in the capacity of U. S. Surveyors, under instructions dated September 24, ~~1922~~ 1923,

issued by the United States Surveyor General to govern surveys included in

Map No. 153, which were approved by the Commissioner of the General Land

Office, October 4, ~~1923~~ 1923 and Assignment instructions dated

September 27, 1924 and November 8, 1924

Survey commenced November 1, 1924, 191

Survey completed January 21, 1925, 191

# INDEX DIAGRAM.

Township 42 S ..... Range 13 E

	9	8	7	6	5	4
18	83	68	56	42	33	1
	82	81	67	55	41	32
19	80	66	52	40	31	19
	79	78	65	52	39	29
20	77	64	51	38	28	18
	76	75	64	49	37	27
21	74	63	48	37	26	24
	73	72	62	48	36	26
22	71	60	46	35	25	25
	70	70	59	45	34	24
23	69	57	43	34	24	26
	15	14	13	12	11	10

DATE DIAGRAM

OF

T. 42 S., R. 13 E.

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

Lines indicated in red were surveyed by Chas. F. Moore,

U. S. Surveyor

Lines indicated in green were surveyed by Robert C. Yundt,

U. S. Surveyor

Lines indicated in black were surveyed by Willis W. Bandy,

U. S. Surveyor.

## T. 42 S., R. 13 E.

Survey commenced November 1, 1924 and executed with Buff and Buff transit No. 9220 and Young and Sons transit No. 8544 used by Chas. F. Moore, U. S. Surveyor, Young and Sons transit No. 8544 used by Willis W. Bandy, U. S. Surveyor and Buff and Buff transit No. 8028 used by Robert C. Yundt, U. S. Surveyor. All the instruments are equipt with Smith solar attachment and full vertical circles; unless otherwise specified the azimuth determinations are accomplished with the solar attachment.

The instruments were approved for use in this survey by the Assistant Supervisor of Surveys for Utah, conditional upon satisfactory field tests, in assignment instructions dated September 27 and November 8, 1924.

T. 42 S., R. 13 E., is surveyed in conjunction with the survey of T. 43 S., R. 13 E., this group, and the record of the preliminary tests of the instruments appears in the field notes of the survey of that township. Frequent tests of the solar apparatus, however, were made on a meridian determined by observations made on Polaris at my camp near the  $\frac{1}{4}$  sec. cor. bet. secs. 4 and 9, T. 42 S., R. 13 E. during the progress of the survey of T. 42 S., R. 13 E. and satisfactory adjustment of the instruments maintained.

An observation on Polaris was made with transit No. 8028 at the  $\frac{1}{2}$  sec. cor. bet. secs. 13 and 18, W bdy. of T. 42 S., R. 13 E. to test the bearing of that boundary and a record of that observation is recorded in these notes.

Buff and Buff transits Nos. 8028 and 9220 were damaged during the progress of the survey, hence a final test of these instruments does not appear.

For final test of Young and Sons. transit No. 8544 see survey of T. 41 S., R. 13 E., this group.

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## MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 and 8 chs. in length, compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

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METHOD AND ORDER OF PROCEDURE  
T.42 S.,R.13 E.

The east boundary has been established under Group 152, Utah.

The north boundary is surveyed west from the cor. of Tps. 41 and 42 S., Rs. 13 and 14 E. a distance of 5 miles. 77 chs. 82 lks., where the cor. of Tps. 41 and 42 S., Rs. 12 and 13 E. is established. The allowance of 2.18 chs. for convergency of meridians is placed in the western half mile.

The cor. of Tps. 42 and 43 S., Rs. 12 and 13 E. is established at the intersection of a line run west from the cor. of Tps. 42 and 43 S., Rs. 13 and 14 E. with one run south from the cor. of Tps. 41 and 42 S., Rs. 12 and 13 E. The fractional distance of the south boundary is placed in the western half mile and that of the west boundary in the northern half mile.

The township is subdivided regularly from S. to N. and from E. to W.

Stone cor. monuments were substituted for the iron posts on the mesa locally known as "No Man's Land" for the reason that there is only one place to ascend the rim of the mesa and this was accomplished with the aid of ropes. It was impracticable to try and carry the posts to the top of the mesa under these circumstances. The native stone used for the cor. monuments is a good quality hard sandstone.

## North Boundary of T.42 S., R.13 E.

Chains

## NORTH BOUNDARY OF T.42 S., R.13 E.

I begin at the cor. of Tps. 41 and 42 S., Rs. 13 and 14 E., which is an iron post, 3 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.42 S., R.14 E., group 152, Utah.

Thence

West, bet. secs. 1 and 36.

Over rolling bench land through short undergrowth.

16.30 Wash, drains N.

32.40 Wash, drains N.

39.70 Wash, drains N.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S36}{S1}$$

1924

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

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 1, 2, 35 and 36, with brass cap marked

T41S	R13E
S35	S36
S2	S1
T42S	
1924	

Deposit a stone, 4x3x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench land; drains NE.

Soil, red, sandy clay loam and rocky of sandstone formation; 3rd. rate.

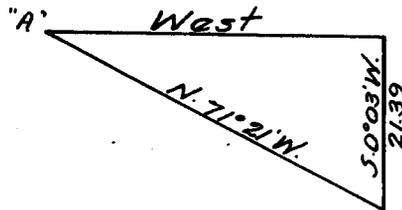
No timber.

Undergrowth, black brush, amole and mountain rush.

West, bet. secs. 2 and 35.

Over broken bench land through short undergrowth.

The line west ascends high ledges and precipitous slopes of mesa, up which it is impracticable to chain; to determine distance to top of mesa I triangulate as follows:



From the cor. of secs. 1, 2, 35 and 36, set flag "A" on line west, on top of mesa, then from sec. cor. measure base line S.0°03'W., 21.39

chs. distant. From S. end of base flag "A" bears N.71°21'W.; all bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 63.40 chs.

To flag "A" on top of ledge and rim of mesa, bears NW. and SE.; thence by return measurement

East, 20.90 chs. to

42.50 Point for  $\frac{1}{4}$  sec. corner falls on steep, sloping bedrock where cor. could not be perpetuated, therefore, at this point, 2.50 chs. W. of cor. point

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone, over a cross (X) chiseled on surface rock, for witness cor. to the  $\frac{1}{4}$  sec. cor. with brass cap marked

$\frac{1}{4}$   $\frac{S35}{S2}$  WC  
1924

Impracticable to build other accessories to cor.

Cor. stands at base of vertical sandstone ledge, 30 ft.

high, bears NW. and SE., 400 ft. below rim of mesa.

Thence from 63.40 chs. point on rim of mesa, continue West.

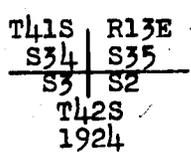
Over rolling top of high mesa.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in

North Boundary of T.42 S., R.13 E.

Chains

the ground on solid rock and 14 ins. in a large mound of stone for cor. of secs. 2,3,34 and 35, with brass cap marked



Deposit a stone, 4x3x3 ins., marked with a cross (X) on one face at base of monument.

Land, rough, precipitous breaks of mesa on E. 63.40 chs. and rolling mesa top on remainder of mile; general N. exposure and drainage.

Soil, sandy clay loam and rocky of sandstone formation; 3rd. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

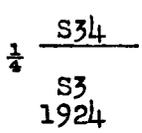
Fair grazing on top of mesa.

West, bet. secs. 3 and 34.

Over rolling top of mesa through short undergrowth.

17.60 Wash, 30 lks. wide, 5 ft. deep, drains SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a large mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 4x4x3 ins., marked with a cross (X) on one face at base of monument.

Cor. stands in open country about 4 chs. N. of a wash which drains W.

63.80 Wash, 30 lks. wide, 10 ft. deep, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 3,4,33 and 34, with brass cap marked

## North Boundary of T.42 S., R.13 E.

chains

T41S	R13E
S33	S34
S4	S3
T42S	
1924	

Deposit a stone, 4x3x4 ins., marked with a cross (X) on one face at base of monument.

Cor. stands in small, rocky wash, drains NW.

Land, rolling mesa; general NW. exposure and drainage.

Soil, sandy clay loam and rocky of sandstone formation; 3rd. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Fair grazing.

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West, bet. secs. 4 and 33.

Over rolling mesa broken by sandstone outcroppings, through short undergrowth.

- 9.10 Small, solid sandstone gully, 20 lks. wide, 15 ft. deep, drains NW.
- 10.60 Wash, 25 lks. wide, 3 ft. deep, drains NW.; a lone cottonwood tree along wash, bears SE. about 5 chs. distant.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 3 ins. in the ground and 24 ins. in a large mound of stone over a cross (X) chiseled in solid bedrock, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- |               |      |
|---------------|------|
| $\frac{1}{4}$ | S33  |
|               | S4   |
|               | 1924 |
- Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.
- 53.00 Wash, 50 lks. wide, 35 ft. deep, 75 ft. below  $\frac{1}{4}$  sec. cor., drains N. and comes from the SE.
- 79.70 Wash, 30 lks. wide, 5 ft. deep, drains N.
- 80.00 On surface rock, mark a cross (X) over which, Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 4, 5, 32 and

North Boundary of T.42 S., R.13 E.

Chains and 33, with brass cap marked

Th1S	R13E
S32	S33
S5	S4
Th2S	
1924	

Impracticable to build other accessories to cor.

Land, rolling bench land broken by sandstone outcroppin  
general N. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rus

Fair grazing.

West, bet. secs. 5 and 32.

Over broken top of mesa through scattering short under-  
growth.

18.75 Top of ledge and rim of mesa, bears NW. and SE.; descen  
abruptly into Copper Canyon.

39.40 Bottom of Copper Canyon and wash, 1 ch. wide, 5 ft. dee  
400 ft. below top of mesa, drains NW.

40.00 Point for  $\frac{1}{4}$  sec. cor. falls on edge of wash where it  
is impracticable to establish cor.

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

$\frac{1}{4}$	<u>S32</u>	WC
	S5	
	1924	

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

42.00 Begin abrupt ascent from canyon over broken slope.

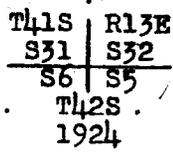
61.05 Top of ledge and W. rim of Copper Canyon, 400 ft. above  
bottom of canyon, bears NE. and SW.; thence over solid  
sandstone point, projects NE.

67.00 Top of ledge, 60 ft. high, bears NE. and SW.; descend.  
NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in  
the ground on solid rock and 10 ins. in a mound of

North Boundary of T.42 S., R.13 E.

stone for cor. of secs. 5,6,31 and 32, with brass cap marked



Deposit a stone, 6x4x2 ins., marked with a cross (X) on one face at base of monument.

Cor. stands on NW. slope of gulch, 210 ft. below rim ledge.

Land, rolling mesa and rough breaks of canyon; general N. exposure and drainage.

Soil, sandy clay loam and rocky of sandstone formation; 4th. rate..

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Poor grazing.

West, bet. secs. 6 and 31.

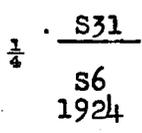
Descend NW. slope of gulch over rough mountainous land through short undergrowth.

6.00 Gulch, drains NE.; ascend abruptly.

15.85 Top of ledge and rim of gulch, bears NE. and SW.; thence over broken bench.

25.80 Begin ascent over E. slope of high, isolated mesa, known locally as "No Man's Land", bears N. and S.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 4x4x3 ins., marked with a cross (X) on one face at base of monument.

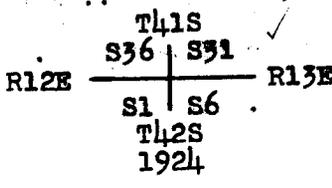
Cor. stands on E. slope of mesa, 130 ft. above W. brink of gulch.

66.00 Begin steeper ascent over E. slope.

South Boundary of T. 42 S., R. 13 E.

Chains  
77.82

Allowing for convergency.  
Set an iron post, 3 ft. long, 3 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for cor. of Tps. 41 and 42 S., Rs. 12 and 13 E., with brass cap marked



Deposit a stone, 4x4x4 ins., marked with a cross (X) on one face at base of monument.

Cor. stands on steep E. slope of mesa among sandstone boulders, 650 ft. above 1/4 sec. cor. The vertical ledge wall or top rim of high mesa, bears W. about 5 chs. distant.

Land, rough mountainous; general N. exposure and drainage

Soil, rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth, scattering black brush and mountain rush.

Poor grazing.

SOUTH BOUNDARY OF T. 42 S., R. 13 E.

From the cor. of Tps. 42 and 43 S., Rs. 13 and 14 E., which is an iron post, 3 ins. in dia., firmly set, marked and witnessed as described in the field notes of the survey of T. 42 S., R. 14 E., group 152, Utah. West, bet. secs. 1 and 36.

The line west passes over impassable cliffs, to pass which I offset as follows:

North, 11.55 chs., then  
West, 40.00 chs. on offset line; over broken bench land through short undergrowth; then  
South, 11.55 chs. to true line, on which at  
On surface rock, mark a cross (X), over which

40.00

South Boundary of T.42 S., R.13 E.

Chain

Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S36}{S1}$   
1924.

Other accessories impracticable.

Thence on true line over rolling bench.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 1,2,35 and 36, with brass cap marked

T42S R13E  
S35 | S36  
S2 | S1  
T43S  
1924

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Cor., stands in small draw, drains NW.

Land, rolling and rough broken bench; general NW. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 4th. rate. No timber.

Undergrowth, black brush, amole, rabbit brush and mountain rush.

Poor grazing.

West, bet. secs. 2 and 35.

Over rocky and broken bench land through short undergrowth.

40.00 Point for  $\frac{3}{4}$  sec. cor. falls on steep slope of sandstone outcropping; no cor. set.

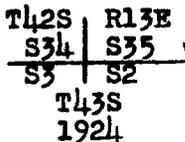
40:23 Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 12 ins. in a mound of stone for witness cor. to the  $\frac{3}{4}$  sec. cor.; with brass cap marked

$\frac{1}{4}$   $\frac{S35}{S2}$  WC  
1924

Chains

Deposit a stone, 6x4x4 ins., marked with a cross (X) on one face at base of monument.

80.00 Set and iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 2, 3, 34 and 35, with brass cap marked



Deposit a stone, 4x4x3 ins., marked with a cross (X) on one face at base of monument; also,

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling bench; general N. exposure and drainage. Soil, rocky and shallow, loose sand; 4th. rate. No timber. Undergrowth, black brush, rabbit brush and mountain rush. Poor grazing.

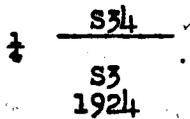
West, bet. secs. 3 and 34.

Over broken bench land through short undergrowth.

15.65 Wash, drains N.

27.45 Copper Canyon Wash, 75 lks. wide, 5 ft. deep, drains NE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 18x12x12 ins., marked with a cross (X) on one face alongside base of monument.

80.00 On surface rock, mark a cross (X), over which, Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 3, 4, 35 and 34, with brass cap marked

South Boundary of T.42 S., R.13 E.

T42S	R13E
S33	S34
S4	S3
T43S	
1924	

Imp practicable to build other accessories at cor.

Land, rolling bench; N. exposure and drainage.

Soil, shallow sand and rocky of sandstone formation;

4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Poor grazing.

West, bet. secs. 4 and 33.

Over broken bench land through scattering short undergrowth.

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

$\frac{1}{4}$	S33
	S4
	1924

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

63.10 Wash, drains NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T42S	R13E
S32	S33
S5	S4
T43S	
1924	

Deposit a stone, 5x5x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; general N. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

No timber.

Undergrowth, scattering short black brush, rabbit brush and mountain rush.

Poor grazing.

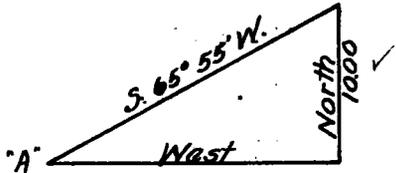
South Boundary of T. 42 S., R. 13 E.

Chains

West, bet. secs. 5 and 32.

The line west passes over vertical ledges on breaks of mesa up which it is impracticable to chain; to determine distance to the top I triangulate as follows:

Set flag "A" on line west, then from sec. cor. measure a base line North, 10.00 chs. distant to a point whence flag "A" bears,



S. 65° 55' W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 22.37

22.37 Top of ledge and rim of mesa, 610 ft. above sec. cor., bears N. and S.; thence ascend over E. slope through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for  $\frac{3}{4}$  sec. cor., with brass cap marked

$$\frac{1}{2} \frac{S32}{S5} = 1924$$

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Cor. stands on S. side of a small draw draining NE. and 110 ft. above brink of mesa.

40.60 Small draw, drains NE.; begin steeper ascent of E. slope of high, isolated mesa, locally called "No Man's Land"

80.00 Point for cor. of secs. 5, 6, 31 and 32 falls on large sloping boulder where cor. cannot be set. Witness cor. established 32 lks. W.; see line bet. secs. 6 and 31. Point for sec. cor. on steep E. slope, 680 ft. above  $\frac{3}{4}$  sec. cor.

Land, rough mountainous; general E. exposure and N. drainage.

Soil, rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth, scattering short black brush, rabbit brush

South Boundary of T42S, R13 E.

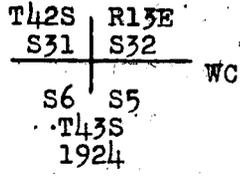
Chains  
used

and mountain push. ( ) shows a true  
Peer grazing.

West, bet. secs. 6 and 31.

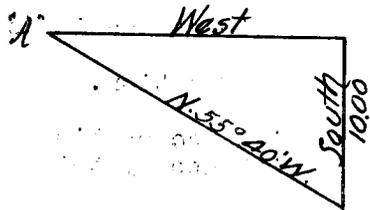
Ascend precipitous E. break of mesa over large sandstone  
boulders and through scattering undergrowth.

.32 Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in  
the ground on solid rock and 12 ins. in a mound of  
stone for witness cor. to the cor. of secs. 5, 6, 31 and  
32, with brass cap marked



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
The line west ascends the wall or ledge rim of "No  
Man's Land", up which I cannot chain; I therefore make  
a triangulation to top of mesa as follows:

From a point 9.75 chs. east of the true cor. point for  
cor. of secs. 5, 6, 31 and 32  
set flag "A" on line west,  
on top of mesa, then  
measure a base line South,



10.00 chs. distant. From the  
S. end of base line flag "A" bears N. 55° 40' W. All  
bearings taken by direct reading of the solar and  
angles checked by deflection.

Distance by triangulation = 14.64 chs.

14.64 chs. - 9.75 chs. gives

4.89 To top of ledge and E. rim of "No Man's Land", 300 ft.  
above point for cor. of secs. 5, 6, 31 and 32, bears  
N. and S.; thence over top of mesa.

33.40 The point for the 1/4 sec. cor. will fall on inaccessible  
W. slope of mesa where cor. cannot be set, therefore  
at this point,

Set a sandstone, 2 1/2 x 12 x 6 ins., 18 ins. in a mound of

Chains

stone over a cross (X) cut in surface rock for witness  
 cor. to the  $\frac{1}{4}$  sec. cor., marked WC $\frac{1}{2}$  on the face of  
 from which

A pinon, 4 ins. diam., bears N. 19° E., 74 lks.

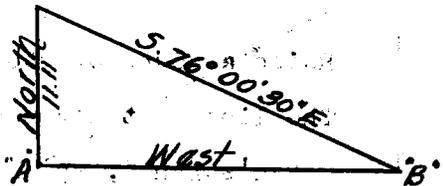
dist., marked W C  $\frac{1}{4}$  S 31 B T

A pinon, 6 ins. diam., bears S 34° E., 150 lks.

dist., marked W C  $\frac{1}{4}$  S 6 B T

33.43 Top of vertical sandstone ledge about 300 ft. high and  
 W. rim of mesa or "No Man's Land", bears N. and S.;  
 direct measurement of the line west is impossible on  
 account of high ledges and steep talus slopes, I  
 therefore triangulate as follows:

Set flag "A" on line W.,  
 and erect flag "B" at  
 this point; then, from  
 flag "A" measure a base  
 line North, 11.11 chs.



From N. end of base line  
 flag "B" bears S. 76° 00' 30" E.; all bearings taken by  
 direct reading of the solar and angles checked by  
 deflection.

Distance on line bet. secs. 6 and 31 to WC $\frac{1}{2}$  = 33.43 chs.  
 Distance by triangulation = 44.59 chs.

Total = 78.02 chs.

40.00 Point for  $\frac{1}{4}$  sec. cor. in ledges; no cor. set.  
 78.02 Set temp. cor. of Tps. 42 and 43 S., Rs. 12 and 13 E.

The cor. of Tps. 42 and 43 S., Rs. 12 and 13 is later  
 established at this point; for description of cor.

see line bet. secs. 31 and 36, W. bdy. of this Tp.

Land, rolling mesa and precipitous E. and W. breaks of

same.

Soil, sandy and rocky of sandstone formation; lith. rate.

Timber, a few scattering scrub cedar and pinon on mesa.

Undergrowth, scattering short black brush, rabbit brush

and mountain rush.

Poor grazing.

Union 1863

under west. end of ...

West Boundary of T.42 S., R.13 E.

WEST BOUNDARY OF T.42 S., R.13 E

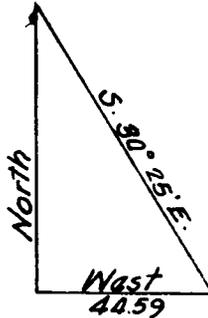
Random line.

From the temp. cor. of Tps. 42 and 43 S., Rs. 12 and 13 E.,

North, on a random line along W. bdy. of T.42 S., R.13 E., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals of 40.00 chs.

40.00 The line N. ascends high ledges on break of mesa up which I cannot chain; to determine the distance to the top triangulate as follows:

From the temp. Tp. cor. set flag on line on top of mesa to the N. From this flag the Witness cor. to the  $\frac{1}{4}$  sec. cor. bet. secs. 6 and 31 on the S. bdy. of



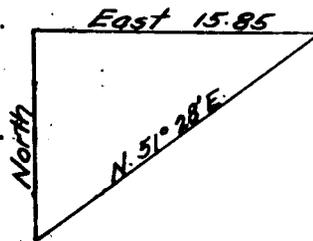
T.42 S., R.13 E. bears S.30°25'E. Using the line bet the witness cor. to the  $\frac{1}{4}$  sec. cor. and the temp. Tp. cor. as a base and which bears West, 44.59 chs. the distance of the triangulation on the W. bdy. is computed to be 75.95 chs.

430.72 From this point the cor. of Tps. 41 and 42 S., Rs. 12 and 13 E., heretofore described and which is visible, bears North.

To determine distance to cor. over break of mesa, down which I cannot chain, I triangulate as follows:

The Tp. cor. above referred to bears N., and a flag established 61.97 chs.

E. of the Tp. cor. on line bet. secs. 6 and 31, N. bdy. of T.42 S., R.13 E.



bears N.51°28'E. All bearings taken by direct reading of the solar.

Distance by triangulation = 49.35 chs.

## West Boundary of T.42 S., R.13 E.

- Chains 430.72 chs. + 49.35 chs. gives  
 480.07 Intersect the cor. of Tps. 41 and 42 S., Rs. 12 and 13  
 E. heretofore described.

## True Lines.

From the cor. of Tps. 41 and 42 S., Rs. 12 and 13 E.,  
 South, bet. secs. 1 and 6.

Over rough mountainous land along E. break of mesa known  
 locally as "No Man's Land", through scattering short  
 undergrowth.

- 40.07 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in  
 the ground on solid rock and 10 ins. in a mound of  
 stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S1 | S6  
 1924

Deposit a stone, 8x6x5 ins., marked with a cross (X) on  
 one face at base of monument.

Thence by triangulation to top of mesa.

- 49.35 Top of high ledge and rim of mesa, about 600 ft. above  
 Tp. cor., bears NW. and SE.; thence over top of mesa  
 through scrub timber and short undergrowth.

- 80.07 Set a sandstone, 20x15x6 ins., 15 ins. in the ground  
 for cor. of secs. 1, 6, 7 and 12, marked with 1 notch on  
 N. and 5 notches on S. edge;

from which

A cedar, 3 ins.diam., bears N.27°E., 58 lks.  
 dist., marked BT

A pinon, 3 ins.diam., bears S.72°E., 90 lks.  
 dist., marked BT

A cedar, 3 ins.diam., bears S.73°W., 61 lks.  
 dist., marked BT

A cedar, 4 ins.diam., bears N.22 $\frac{1}{4}$ °W., 162 lks.  
 dist., marked BT

Land, N. 49.35 chs. precipitous E. and N. slopes of

mesa; remainder of rolling top of mesa.

Soil, branny clays and rocky of sandstone formation; 4th. rate.

Timber, scrub cedar and pinon on mesa.

Undergrowth, short black brush, rabbit brush and mountain brush.

Poor grazing.

South, bet. secs. 7 and 12.

Over rolling mesa through scrub timber and short undergrowth.

40.00 Set a sandstone, 20x15x6 ins., 15 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face; from which

A cedar, 8 ins. diam., bears S. 42° E. 174 lks. dist., marked  $\frac{1}{4}$  S 7 B T.

A cedar, 3 ins. diam., bears S 64° 30' W 42 lks. dist., marked BT

60.75 Begin gradual descent.

70.35 Wash, .30 lks. wide, 5 ft. deep, drains NW.

78.95 Wash, 15 lks. wide, 4 ft. deep, drains NW.

80.00 Set a sandstone, 30x20x6 ins., 10 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 7, 12, 13 and 18, marked with 2 notches on N., and 4 notches on S. edge; from which

A pinon, 3 ins. diam., bears N. 77 $\frac{1}{2}$ ° E., 572 lks. dist., marked BT

A pinon, 3 ins. diam., bears S. 84 $\frac{1}{2}$ ° E., 376 lks. dist., marked BT

A cedar, 4 ins. diam., bears S. 39° W., 166 lks. dist., marked BT.

A cedar, 4 ins. diam., bears N. 58 $\frac{3}{4}$ ° W., 210 lks. dist., marked BT

Land, rolling mesa; drains NW. Soil, shallow sand and rocky of sandstone formation; 3rd. rate.

W. of West Boundary of T. 42 S., R. 13 E.

Chains

Timber, scrub cedar and black redstart; some

Undergrowth, black brush, mountain brush, etc.

Fair grazing.

South, bet. secs. 13 and 18.

Gradually ascend over rolling mesa through scrub timber and short undergrowth.

26.25

Top of ascent, bears E. and W.; thence over nearly level land,

40.00

Set a sandstone, 24x18x6 ins., 6 ins. in the ground on solid rock and 12 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face; from which

A cedar, 6 ins. diam., bears N. 79° E., 65 lks.

dist., marked  $\frac{1}{4}$  S 18 B T

A cedar, 6 ins. diam., bears N. 54 $\frac{1}{2}$ ° W., 111 lks.

dist., marked  $\frac{1}{4}$  S 13 B T

December 3, 1924: at this cor, in latitude 37° 08' N., longitude 110° 31' W., in order to check the bearing of the W. bdy. of T. 42 S., R. 13 E.; at 3h. 06.5m. a.m. by my watch which is 22m. 24s. fast of L.M.T., I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, reading the deflection angle from a flag point on the line bet. secs. 13 and 18, west to Polaris.

Azimuth of Polaris at western elongation = 1° 22' 14" W.

Mean deflection angle = 1° 22' 00" W.

True bearing of flag point = N. 0° 00' 14" W.

From the  $\frac{1}{4}$  sec. cor., I continue South.

80.00

On gentle W. slope. Set a sandstone, 30x10x8 ins., 4 ins. in the ground on solid rock and 16 ins. in a mound of stone for cor. of secs. 13, 18, 19 and 20, marked with 3 notches on N. and 3 notches on S. edge; from which

## West Boundary of T.42 S., R.13 E.

Chains

A cedar, 3 ins.diam., bears N.40°E., 225 lks.

dist., marked BT

A cedar, 3 ins.diam., bears S.71½°E., 195 lks.

dist., marked BT

A cedar 3 ins.diam., bears S.10½°W., 207 lks.

dist., marked BT

A cedar, 3 ins.diam., bears N.83°W., 110 lks.

dist., marked BT

Land, rolling mesa; drains W.

Soil, shallow sand and rocky of sandstone formation;

3rd. rate.

Timber, scrub cedar and pinon.

Undergrowth, black brush, rabbit brush and mountain rush.

Fair grazing.

South, bet. secs. 19 and 24.

Over rolling mesa through scrub timber and short undergrowth.

40.00 Set a sandstone, 24x12x6 ins., 18 ins. in the ground for

¼ sec. cor., marked ¼ on W. face; from which

Scrub cedar, 4 ins.diam., bears S.63½°E., 150

lks. dist., marked BT

Scrub cedar, 4 ins.diam., bears S.27½°W., 230

lks. dist., marked BT

80.00 Set a sandstone, 20x15x16 ins., 15 ins. in a mound of stone over cross (X) on surface rock for the cor. of secs. 19, 24, 25 and 30, marked with 4 notches on N. and 2 notches on S. edge; from which

Scrub cedar, 5 ins.diam., bears N.79½°E., 80

lks. dist., marked BT

Scrub cedar, 6 ins.diam., bears S.26°E., 19

lks. dist., marked BT

Scrub cedar, 5 ins.diam. bears S.60½°W., 80

lks. dist., marked BT

Scrub cedar, 5 ins. diam bears N.47½°W., 180

lks. dist., marked BT

West boundary of Twp 5, R15 E.

Chains

Land, rolling mesa.  
 Soil, shallow sand and rocky of sandstone formation; 3rd rate.  
 Timber, scrub cedar and pinon.  
 Undergrowth, black brush, mountain rush and rabbit brush.  
 Fair grazing.

South, bet. secs. 25 and 30.

Over rolling mesa through scrub timber and short undergrowth.

40.00 Set a sandstone, 20x14x6 ins., 15 ins. in a mound of stone over a cross (X) cut in surface rock, for 1/2 sec. cor., marked 1/2 on W. face; from which

A cedar, 6 ins. diam., bears S. 52 1/2° E., 59 lks.  
 dist., marked 1/2 S 30 B T

A cedar, 3 ins. diam., bears S. 30° W., 48 lks.  
 dist., marked BT

80.00 Set a sandstone 20x12x6 ins., 15 ins. in a mound of stone over a cross (X) cut in surface rock for cor. of secs. 25, 30, 31 and 36, marked with 5 notches on N. and 1 notch on S. edge; from which

A cedar, 3 ins. diam., bears N. 74° E., 55 lks.  
 dist., marked BT

A pinon, 3 ins. diam., bears S. 74 1/2° E., 87 lks.  
 dist., marked BT

A cedar, 3 ins. diam., bears S. 40° W., 156 lks.  
 dist., marked BT

A cedar, 3 ins. diam., bears N. 38° W., 6 lks.  
 dist., marked BT

Land, rolling mesa.  
 Soil, sandy and rocky of sandstone formation; 3rd. rate  
 Timber, scrub cedar and pinon.  
 Undergrowth, black brush, rabbit brush and mountain rush  
 Fair grazing.

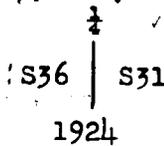
West Boundary of T. 42 S., R. 13 E.

South, bet. secs. 31 and 36.

Over rolling mesa through scrub timber and short undergrowth.

4.05 Point of triangulation on top of vertical ledge about 250 ft. high and rim of Mesa or "No Man's Land", bears NW. and SE.; thence by triangulation to 80.00 chs. point, then north by return measurement 40.00 chs. to

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



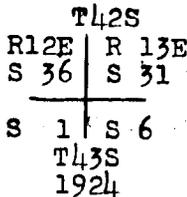
Deposit a stone, 10x8x5 ins., marked with a cross (X) on one face at base of monument.

Descend over rugged bad land and talus slopes.

72.80 Wash, 30 lks. wide, 15 ft. deep, in ravine, drains NW.

80.00 Intersect the temp. cor. of Tps. 42 and 43 S., Rs. 12 and 13 E. heretofore described.

Set an iron post, 3 ft. long, 3 ins. in diam., 6 ins. in the ground and 22 ins. in a large mound of stone, for cor. of Tps. 42 and 43 S., Rs. 12 and 13 E., with brass cap marked



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

Land, broken mesa land.

Soil, sandy and rocky sandstone formation; 3rd. rate.

Timber, Scrub cedar and pinon

Undergrowth, black brush, rabbit brush and mountain rush

Fair grazing

Chains

SUBDIVISION OF T.42 S., R.13 E.

From the cor. of secs. 1,2,35 and 36 on the S. bdy. of the Tp. heretofore described.

N.0°01'W., bet. secs. 35 and 36.

Over rolling bench land through short undergrowth.

7.00 Wash, drains NW.

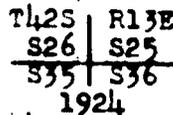
10.00 Wash, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 8x8x3 ins., marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 25,26,35 and 36, with brass cap marked



Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains NW.

Soil, sandy and rocky of sandstone formation; 3rd. rate

No timber.

Undergrowth, black brush. amole and mountain rush.

Pair grazing.

East, on a random line bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

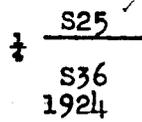
79.98 Intersect E. bdy. of the Tp. 19 lks. S. of the cor. of 25,30,31 and 36 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in

the field notes of the survey of T. 42 S., R. 14 E., group 152, Utah.

Thence S. 89° 52' W., on true line bet. secs. 25 and 36.

Over rolling bench land through short undergrowth.

39.99 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 2 1/4 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 8x5x4 ins., marked with a cross (X) on one face at base of monument.

79.98 The cor. of secs. 25, 26, 35 and 36.

Land, rolling bench; drains NW.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

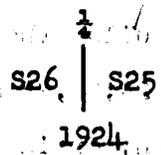
Fair grazing.

N. 0° 01' W., bet. secs. 25 and 26.

Over rolling bench land through short undergrowth.

26.70 Wash, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 2 1/4 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 9x6x6 ins., marked with a cross (X) on one face at base of monument.

53.05 Wash, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia. 6 ins. in the ground on solid rock and 2 1/4 ins. in a mound of stone for cor. of secs. 23, 24, 25 and 26, with brass cap marked

Subdivision of T.42 S., R.14 E.

Chains

T42S	R14E
S23	S24
S26	S25
1924	

Deposit a stone 6x5x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains NW.

Soil; sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush; amole and mountain rush.

Fair grazing.

N.89°52'E., on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect E. bdy. of the Tp. at the cor. of secs. 19, 25 and 30 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.42 S., R.14 E., group 152, U

Thence

S.89°52'W., on true line bet. secs. 24 and 25.

Over rolling bench land through short undergrowth.

32.80 Draw, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for 1/4 sec. cor., with brass cap marked

1/4	S24
	S25
	1924

Impracticable to build other accessories at cor.

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

Land, rolling bench; drains NW.

Soil; sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

N.0°01'W., bet. secs. 23 and 24.

Over rolling and broken bench land through short undergrowth.

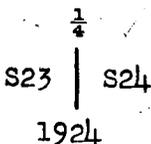
Subdivision of T.42 S., R.13 E.

Drains

21.70 Wash, drains NW.

38.75 Draw, drains NW.

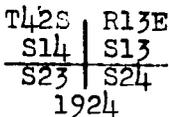
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



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

64.20 Wash, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for cor. of secs. 13, 14, 23 and 24, with brass cap marked



Deposit a stone, 6x6x4 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains NW.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.89°52'E., on a random line bet. secs. 13 and 24.

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

79.88 Intersect E. bdy. of the Tp. 21 lks. N. of the cor. of secs. 13, 18, 19 and 24 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.42 S., R.14 E., group 152, Utah.

Thence

N.89°59'W., on true line bet. secs. 13 and 24.

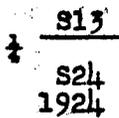
Over broken bench through short undergrowth.

29.90 Wash, drains NW.

36.00 Wash, drains NW.

Chains

39.94 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for 1/4 sec. cor., with brass cap marked



Impracticable to build other accessories to cor.

69.60 Road, bears NW. to Copper Canyon and SE. to Moonlight, Utah.

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

Land, broken bench; drains NW.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°01'W., bet. secs. 13 and 14.

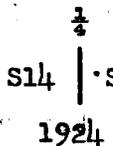
Over broken bench land through short undergrowth.

1.20 Road, bears NW. to Copper Canyon and SE. to Moonlight, UT

7.60 Wash, drains NW.

28.15 Wash, drains W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 8x6x6 ins., marked with a cross (X) on one face at base of monument;

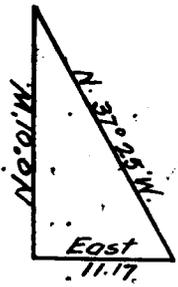
61.90 Base of mesa, bears NW. and SE.; the line N. ascends rugged slope broken by ledges; up which it is impracticable to chain, therefore to determine the distance to the top of mesa I make the following triangulation:

Set flag on line on top of mesa, then measure a base line East, 11.17 chs. distant. From east end of base

Subdivision of T.42 S., R.13 E.

Chains

the flag on top of mesa bears N.37°25'W. All bearings taken by direct reading of the solar and angles checked by deflection.

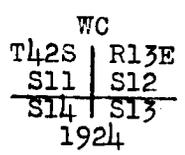


Distance on line bet. secs. 13 and 14 = 61.90 chs.  
 Distance by triangulation = 14.60 chs.  
 Total = 76.50 chs.

76.50 Top of rim ledge and brink of mesa, 400 ft. above base bears E. and W.; thence over mesa.

78.20 Top of sandstone ledge, 30 ft. high and brink of canyon, bears NW. and SE.; the point for cor. of secs. 11,12, 13 and 14 will fall on broken sandstone ledges where cor. cannot be set, therefore, at this point,

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for witness cor. to the cor. of secs. 11,12, 13 and 14, with brass cap marked



Deposit a stone, 10x6x5 ins., marked with a cross (X) on one face at base of monument.

80.00 Point for cor. of secs. 11,12,13 and 14 falls on ledge. Land, S. 61.90 chs. rolling bench; remainder of mile rough breaks of mesa and broken top of same.

Soil, rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth; black brush, amole and mountain rush.

Poor grazing.

S.89°59'E., on a random line bet. secs. 12 and 13.

The line east of the true cor. point for cor. of secs. 11, 12,13 and 14 ascends broken ledges to top of mesa then descends precipitous eastern slope of same, over which

Subdivision of T.42 S., R.14 E.

Chains

it is impracticable to chain or triangulate, therefore

I offset as follows:

South, 18.10 chs. (counting from true point for cor. of

secs. 11, 12, 13 and 14 ) then

S. 89° 59' E., 40.00 chs., then

North, 18.10 chs. to true random line at

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

79.86 Intersect E. bdy. of the Tp. 9 lks. S. of the cor. of sec.

7, 12, 13 and 18 which is an iron post, 2 ins. in dia.,

firmly set, and marked and witnessed as described in

the field notes of the survey of T.42 S., R.14 E.,

group 152, Utah.

Thence

S. 89° 57' W., on true line bet. secs. 12 and 13.

Over broken bench land through short undergrowth.

7.70 Draw, drains N.

39.93 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in

the ground on solid rock and 24 ins. in a mound of

stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S12}{S13} \\ 1924$$

Deposit a stone, 5x5x3 ins., marked with a cross (X) on one face at base of monument.

Thence on offset line to pass rugged breaks of mesa.

South, 18.10 chs., then

S. 89° 57' W., 79.86 chs., (counted from sec. cor.) along

base of mesa; then

North, 18.10 chs. to true line, on which at

79.86 Intersect true point for cor. of secs. 11, 12, 13 and 14.

Land, east half mile broken bench; west half rugged mesa

general N. exposure and drainage.

Soil, sandy and sandstone rock; lith. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

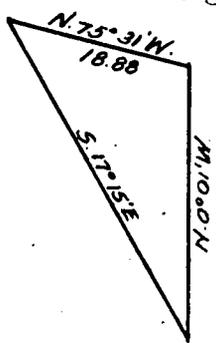
Subdivision of T.42 S., R.13 E.

Chains

N.0°01'W., bet. secs. 11 and 12.

The line north from the true point for cor. of secs. 11, 12, 13 and 14 crosses the head of a box canyon with vertical walls and cannot be chained I therefore triangulate to the north as follows:

I erect a flag 3.50 chs. S.0°01'E. of the true point for the sec. cor., then from this point set a flag N.0°01'W., on N. side of canyon. From the flag on the N. side of canyon measure a base line N.75°31'W., 18.88 chs. distant to point whence the south flag bears S.17°15'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 54.20 chs.

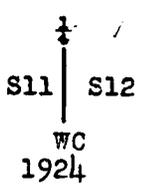
54.20 chs. - 3.50 chs. gives 50.70 chs.,

To point of triangulation on N. side of canyon.

Thence by return measurement S.0°01'E. to

45.72 The point for the 1/4 sec. cor. falls on inaccessible ground, therefore, at this point:

Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 24 ins. in a large mound of stone for witness cor. to the 1/4 sec. cor., with brass cap marked



Deposit a stone 10x8x8 ins., marked with a cross (X) on one face at base of monument.

True point for 1/4 sec. cor. at 40.00 chs. cannot be reached on account of ledges.

Thence from my point of triangulation at 50.70 chs.,

Continue N.0°01'W.

Across top of mesa.

Chains

56.17 N. brink of mesa, bears NW. and SE.; descend precipitous N. and NE. slopes of mesa over ledges and boulders 400 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground and 24 ins. in a large mound of stone over a cross cut in surface rock for cor. of secs. 1, 2, 11 and 12, with brass cap marked

T42S | R13E  
S2 | S1  
S11 | S12  
1924

Impracticable to build other accessories to cor.

Land, rough mountainous lying on top and N. breaks of mesa; general NW. exposure and drainage.

Soil, sandy and sandstone rock; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

N.89°57'E., on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

79.88 Intersect E. bdy. of the Tp. 3 lks. S. of the cor. of secs. 1, 6, 7 and 12 which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the field notes of the survey of T.42 S., R.14 E., group 152, Utah.

Thence

S.89°56'W., on true line bet. secs. 1 and 12.

Over broken bench land through short undergrowth.

4.00 Wash, drains N.

17.60 Draw, drains N.

39.94 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked

S1  
S12  
1924

Stand a stone, 30x20x12 ins., marked with a cross (X) on

Subdivision of T. 42 S., R. 13 E.

Chains

to the surface alongside cor.

75.00 Base of mesa, bears NW. and SE.; ascend 75 ft. to

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

Land, broken bench and slope of mesa; N. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

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

40.00 Set temp. 1/4 sec. cor.

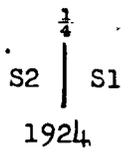
80.13 Intersect N. bdy. of the Tp. 14 lks. E. of the cor. of secs. 1, 2, 35 and 36 heretofore described.

Thence

S. 0° 07' E., on true line bet. secs. 1 and 2.

Over broken bench land through short undergrowth.

40.13 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 4x4x3 ins., marked with a cross (X) on one face at base of monument.

69.15 Base of mesa, bears NW. and SE.; ascend NE. slope, 125 ft. to

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

Land, broken mesa and NE. slope of same; N. exposure and drainage.

Soil, sandy and rocky; 4th. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

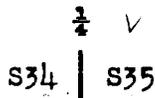
Chains

From the cor. of secs. 2, 3, 34 and 35 on the S. side of the Tp. heretofore described, bears N. 0° 01' W., bet. secs. 34 and 35.

Over rolling bench land through short undergrowth.

15.00 Wash, 10 lks. wide, 3 ft. deep, drains NE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 20 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

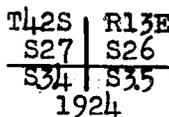


1924

Deposit a stone, 4x4x3 ins., marked with a cross (X) on one face at base of monument.

54.50 Wash, 12 lks. wide, 3 ft. deep, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 26, 27, 34 and 35, with brass cap marked



Deposit a stone, 4x4x4 ins., marked with a cross (X) on one face at base of monument.

From this cor., Jacob's Monument, a sandstone column, 100 ft. high and 30 ft. in dia., bears N. 59° W., about 20 chs. distant.

Land, rolling bench; drains N.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 26 and 35.

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

80.20 Intersect the cor. of secs. 25, 26, 35 and 36.

Thence

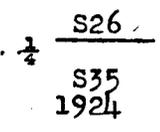
West, on true line bet. secs. 26 and 35.

Subdivision of T.42 S., R.13 E.

Chains

Over nearly level bench land through short undergrowth.

40.10 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 12x12x8 ins., marked with a cross (X) on one face at base of monument.

49.70 Wash, drains NW.

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

Land, nearly level bench; drains N.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

N.0°01'W., bet. secs. 26 and 27.

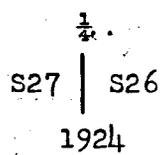
Over rolling bench land through short undergrowth.

10.40 Wash, 15 lks. wide, 3 ft. deep, drains W.

20.00 From this point a small seep, in bottom of Copper Canyon

Wash, bears West, about 15 chs. distant.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 4x4x2 ins., marked with a cross (X) on one face at base of monument.

42.40 Wash, 14 lks. wide, 3 ft. deep, drains W.

72.00 Bottom of Copper Canyon Wash, 2 chs. wide, 3 ft. deep, drains NE.; gradually ascend.

80.00 On low rise, bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 24 ins. in a large mound

Chains

of stone for cor. of secs. 22, 23, 26 and 27, with  
brass cap marked

T42S	R13E
S22	S23
S27	S26
1924	

Deposit a stone, 9x8x6 ins., marked with a cross (X) on one face at base of monument.

Land, rolling bench; drains N.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

East, on a random line bet. secs. 23 and 26.

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

80.30 Intersect N. and S. line 3 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence

S. 89° 59' W., on true line bet. secs. 23 and 26.

Over rolling bench land through short undergrowth.

36.90 Wash, 20 lks. wide, 5 ft. deep, drains NW.; water pocket in sandstone rock, cottonwood trees and willow undergrowth along wash.

40.15 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 24 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S23
	S26
	1924

Deposit a stone, 5x4x3 ins., marked with a cross (X) on one face at base of monument.

50.30 Wash, 10 lks. wide, 3 ft. deep, drains N.

69.30 Copper Canyon Wash, 1.50 chs. wide, 3 ft. deep, drains N.

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

Land, rolling bench; drains N.

Soil, sandy and sandstone rock; 3rd. rate.

Subdivision of T.42 S., R.13 E.

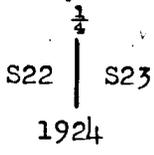
Chains

No timber.  
Undergrowth, black brush, amole and mountain rush.  
Fair grazing.

N.0°01'W., bet. secs. 22 and 23.

Over rolling bench land through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 6x5x4 ins., marked with across (X) on one face at base of monument.

57.90 Wash, 20 lks. wide, 4 ft. deep, drains NE.

64.60 Wash, 15 lks. wide, 3 ft. deep, drains NE.

80.00 Point for cor. of secs. 14, 15, 22 and 23 falls in Copper Canyon Wash, 1.50 chs. wide, 3 ft. deep, drains N.30°W.; witness cor. established S.89°55'W., .47 chs. distant, for description of cor. see line bet. secs. 15 and 22.

Land, rolling bench; drains N.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Fair grazing.

From true cor. point for cor. of secs. 14, 15, 22 and 23. N.89°59'E., on a random line bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect N. and S. line 12 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence

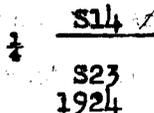
S.89°54'W., on true line bet. secs. 14 and 23.

Over broken bench land through short undergrowth.

9.95 Road, bears NW. and SE.

Chains

36.75 Wash, 20 lks. wide, 5 ft. deep, drains NW. and SW.  
 40.07 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground on solid rock and 20 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked



Deposit a stone, 8x5x4 ins. marked with a cross (X) on one face at base of monument.

80.14 The true point for cor. of secs. 14, 15, 22 and 23.

Land, broken bench; drains NW.

Soil, shallow sand and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

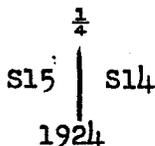
Fair grazing.

N.0°01'W., bet. secs. 14 and 15 from the true cor. point for cor. of secs. 14, 15, 22 and 23.

In bottom of Copper Canyon Wash draining N.

10.00 Leave wash, turns NW.; thence over rolling sandy bench land through short undergrowth.

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



Deposit a stone, 4x4x3 ins. marked with a cross (X) on one face at base of monument.

50.00 Wash, 60 lks. wide, 3 ft. deep, drains NW.; road in wash, bears NW. and SE.

70.00 Base of mesa, bears E. and W.; ascend abruptly over S. slope.

76.30 Base of sandstone ledge and rim of mesa, bears E. and W.

80.00 Top of ledge and rim of mesa, bears NE. and SW.; point for cor. of secs. 10, 11, 14 and 15 falls on unsafe ground where cor. cannot be perpetuated; witness cor.

## Subdivision of T.42 S., R.13 E.

established 69 lks. N.0°01'W. For description of cor.  
next . . . line bet. secs. 10 and 11.

Rim of mesa is 400 ft. above base.

.11.0 Land, a broken bench and rough slope of mesa; drains NW.

Soil, sandy and rocky; 4th. rate.

.W. One Hard timber.

Undergrowth, black brush and mountain rush.

.Poor grazing.

N.89°54'E., on a random line bet. secs. 11 and 14.

The line east from the true cor. point for cor. of secs.

10, 11, 14 and 15 passes over high ledges and breaks of

mesa. down which it is impracticable to chain, therefore

I offset as follows:

From true cor. point for cor. of secs. 10, 11, 14 and 15.

South, 15.00 chs., then

N.89°54'E., on offset line, 40.00 chs., then

North, 15.00 chs. to true random line at

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

80.24 Intersect N. and S. line 28 lks. N. of the true point for  
cor. of secs. 11, 12, 13 and 14.

Thence

N.89°54'W., on true line bet. secs. 11 and 14.

Over broken top of mesa over sandstone ledges and out-  
croppings.

10.20 Top of ledge and rim of mesa, bears NW. and SE.; descend  
abruptly.

40.12 Near base of talus slope of mesa.

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

S11

S14

1924

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

Thence on offset line to pass impassable ledges and

breaks of mesa to the west.

Chains

40.24 South, 15.00 chs., then N. 89° 54' W., 80.24 chs., counted from sea level, then North, 15.00 chs. to true line, on which to

80.24 Intersect the true corner point for cor. of secs. 10, 11, 14 and 15.

Land, rugged breaks of mesa, general S. exposure and W. drainage.

Soil, sandy and rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

N. 0° 01' W., bet. secs. 10 and 11 from true point for cor. of secs. 10, 11, 14 and 15.

Over broken mesa through short undergrowth.

.69 Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone over a cross cut in surface rock for witness ser. to the cor. of secs. 10, 11, 14 and 15 with brass cap marked

T42S	R13E
S10	S11
S15	S14

NC  
1924

Impracticable to build other accessories to cor.

26.40 Wash, 20 lks. wide, 10 ft. deep, in wide draw, drains W.

31.35 Begin abrupt ascent over S. slope to top of high, mesa, bears E. and W.

35.60 Top of mesa, 125 ft. above base, bears E. and W.; thence over rolling top through short undergrowth and scattering scrub timber.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 24 ins. in a mound of stone over a cross cut in bedrock for 1/2 sec. cor., with brass cap marked

S10	S11
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1924

Subdivision of T.42 S., R.13 E.

Chains

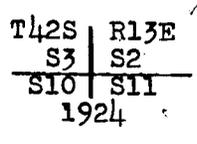
from which

A cedar, 4 ins.diam., bears S.22½°E., 68 lks. dist., marked BT

A cedar, 3 ins.diam., bears N.70½°W., 43 lks. dist., marked BT

73.00 Leave scrub timber, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 2,3,10 and 11, with brass cap marked



from which

A scrub cedar 6 in.diam., bears N.34¾°E., 250 lks. dist., marked BT

A scrub cedar, 8 ins.diam., bears S.69½°W., 320 lks. dist., marked BT

A scrub cedar, 6 ins.diam., bears N.86½°W., 252 lks. dist., marked BT

No other trees available.

Land, rough, broken mesas; general W. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 4th. rate.

Timber, scrub cedar and pinon on N. portion of mile.

Undergrowth, black brush and mountain rush.

Poor grazing.

S.89°54'E., on a random line bet. secs. 2 and 11.

40.00 Set temp. ¼ sec. cor.

50.00 The line to the east will pass over high ledges and breaks of mesa impracticable to chain, I therefore offset as follows:

South, 23.83 chs., then

S.89°54'E. on offset line, 80.16 chs. counted from sec. cor.; then

## Subdivision of T.42 S., R.13 E.

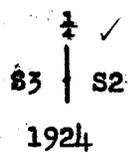
Chains	meters
80.16	<p>North, 23.83 chs. to true random line, on which at Intersect N. and S. line 7 lks. S. of the cor. of secs. 1, 2, 11 and 12.</p>
30.16	<p>Thence N.89°57'W., on true line bet. secs. 2 and 11. Impassable ledges and breaks of mesa to the west; offset South, 23.83 chs., then on offset line N.89°57'W.; 30.16 chs., then North, 23.83 chs. to true line at</p>
40.08	<p>Thence over broken top of mesa through very scattering timber and short undergrowth. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in a large mound of stone over a cross cut in surface rock for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p>
46.00	<p style="text-align: center;"> <math>\frac{1}{4}</math> <u>S2</u> ✓ S11 1924         </p> <p>Impracticable to build other accessories to cor.</p>
80.16	<p>Low ridge, bears NE. and SW. The cor. of secs. 2, 3, 10 and 11. Land, E. portion of mile rough breaks of mesa; west portion rolling mesa top; NE. exposure and drainage on E. portion and W. exposure and drainage on western portion of mile. Soil, sandy and sandstone rock; 3rd. rate. No timber. Undergrowth, black brush and mountain rush. Poor grazing.</p>
40.00	<p style="text-align: center;">_____</p> <p>N.0°07'W., on a random line bet. secs. 2 and 3. Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
80.05	<p>Intersect N. bdy. of the Tp. 7 lks. W. of the cor. of secs. 2, 3, 34 and 35 heretofore described. Thence S.0°04'E., on true line bet. secs. 2 and 3.</p>

Subdivision of T. 42 S., R. 13 E.

Chains

Over rolling mesa through short undergrowth.

43.05 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for  $\frac{1}{4}$  sec. cor., with brass cap marked



Impracticable to build other accessories to cor.

Cor. stands on top of low rise, bears E. and W.

56.70 Top of ledge, 30 ft. high and rim of canyon, bears E. and W.; descend.

63.30 Bottom of canyon, 100 ft. deep, drains W.; wash, 30 lks. wide, 3 ft. deep, in bottom of same. Ascend.

72.80 Top of sandstone ledge 20 ft. high, and S. rim of canyon, bears E. and W.; continue over mesa.

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

Land, rolling and broken mesa; general NW. exposure and drainage.

Soil, sandy and sandstone rock; 3rd. rate.

No timber.

Undergrowth, black brush and mountain rush.

Fair grazing.

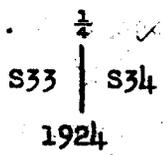
From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. heretofore described.

N.0°02'W., bet. secs. 33 and 34.

Over rolling bench land through short undergrowth.

22.60 Draw, drains E.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked



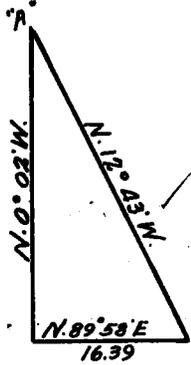
Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Subdivision of T. 42 S., R. 13 E.

Chains

The line N. strikes a narrow spur from mesa projecting E. and rimmed with vertical walls of sandstone up which I cannot chain; to determine the distance to the top I triangulate as follows:

Set flag "A" on line N. 0° 02' W., on top of mesa, then from the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. measure a base line N. 89° 58' E., 16.39



chs. distant to a point whence the flag "A" bears N. 12° 43' W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 72.83 chs.

72.83 On E. slope of top of high point of mesa, The point for the cor. of secs. 27, 28, 33 and 34 will fall on inaccessible ground, therefore, at this point, Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for witness cor. to the cor. of secs. 27, 28, 33 and 34 with brass cap marked

WC	
T42S	R13E
S28	S27
S33	S34
1924	

Deposit a stone, 8x7x5 ins. marked with a cross (X) on one face at base of monument.

80.00 Point for cor. of secs. 27, 28, 33 and 34 falls on inaccessible ground; cor. point cannot be reached. Land, rolling and broken bench and precipitous slopes of mesa; general NE. exposure and drainage.

Soil, sandy and rocky; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

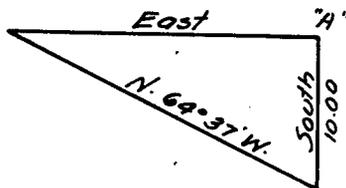
## Subdivision of T.42 S., R.13 E.

Chains

East, on a random line bet. secs. 27 and 34.

Being unable to proceed from the true point for the cor. of secs. 27, 28, 33 and 34 on account of impassable ledges and inaccessible country, I begin at the witness cor. to the cor. of secs. 27, 28, 33 and 34 which is 7.17 chs. S.0°02'E. of the true cor. point and make a triangulation East to the base of mesa as follows:

From the witness cor. to the sec. cor. set flag "A" on line E., then erect a flag at the witness cor.; from flag "A" measure a base line South, 10.00 chs. distant to point whence flag at the witness cor. bears N.64°37'W.



All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 21.08 chs.

Thence

N.0°02'W., 7.17 chs. to true random line at

21.08 Thence East on true random line.

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

79.98 Intersect N. and S. line 5 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence

N.89°58'W., on true line bet. secs. 27 and 34.

Over rolling bench land through short undergrowth.

8.80 Copper Canyon Wash, 1 ch. wide, 3 ft. deep, drains N.

39.99 Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 14 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S27}{S34}$   
1924

Deposit a stone, 18x12x6 ins., marked with a cross (X) on one face at base of monument.

Chains

58.90 Base of impassable slope of mesa, bears N. and SW.;  
 thence on offset line,  
 S.0°02'E., 7.17 chs., then  
 N.89°58'W., on offset line by triangulation over break  
 of mesa, 79.98 chs. (counted from sec. cor.) to  
 79.98 Intersect the witness cor. to the cor. of secs. 27, 28,  
 33 and 34 which is 7.17 chs. S.0°02'E. of true cor.  
 point.

Land, broken bench and rough breaks of mesa; general NE.  
 exposure and drainage.

Soil, sandy clay and rocky of sandstone formation; 4th. r  
 No timber:

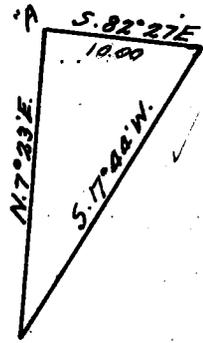
Undergrowth, black brush and mountain rush.

Poor grazing.

N.0°02'W., bet. secs. 27 and 28.

Being unable to proceed north from the true point for the  
 cor. of secs. 27, 28, 33 and 34 on account of impassable  
 ledges and breaks of mesa, I commence at the witness  
 cor. to the cor. of secs. 27, 28, 33 and 34 which is  
 7.17 chs. S.0°02'E. of the true cor. point, and proceed  
 as follows:

Owing to ledges and slopes of the country I am unable  
 to measure north by chaining or set a flag on line,  
 therefore, from the witness cor. to the sec. cor. set flag "A",  
 N.7°23'E. on bench at base of  
 mesa, also erect a flag at the  
 witness cor. From flag "A"  
 measure a base line S.82°27'E.,  
 10.00 chs. distant to point



whence flag at the witness cor. bears S.17°44'W. All  
 bearings taken by direct reading of the solar and  
 angles checked by deflection.

Distance from witness cor. to flag "A" by triangulation

Subdivision of T.42 S., R.13 E.

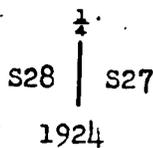
Chains

= 54.78 chs. which reduced to cardinals gives a northing of 54.33 chs. and easting of 7.04 chs. from the witness cor. to the cor. of secs. 27, 28, 33 and 34.

I now offset west, 7.06 chs. to true line bet. secs. 27 and 28 at 47:16 chs. N.0°02'W. of the true cor. point for cor. of secs. 27, 28, 33 and 34.

Thence by return measurement, 7.16 chs. to

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



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

Deposit a stone, 6x4x3 ins. marked with a cross (X) on one face at base of monument.

Thence on true line bet. secs. 27 and 28 from  $\frac{1}{4}$  sec. cor. Over rolling and broken bench land through short undergrowth.

46.05 Wash, drains NE.

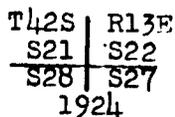
55.60 Wash, drains NE.

59.50 Wash, drains NE.

70.00 Begin ascent over ridge, bears NE. and SW.

79.10 Ridge, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 21, 22, 27 and 28, with brass cap marked



Deposit a stone, 10x9x7 ins., marked with a cross (X) on one face at base of monument. Cor. stands on top of ridge, bears NE. and SW. Land, rough, broken slopes of mesa and broken bench land; general NE. exposure and drainage.

Soil, sandy clay and rocky of sandstone formation; 4th. rate.

Chains

No timber.  
 Undergrowth, black brush and mountain rush,  
 Poor grazing.

---

S. 89°58'E., on a random line bet. secs. 22 and 27.

40.00 Set temp.  $\frac{3}{4}$  sec. cor.

80.02 Intersect N. and S. line 5 lks. S. of the cor, of secs.  
 22, 23, 26 and 27.

Thence

West, on true line bet. secs. 22 and 27.

Over rolling and broken bench land through short undergr

40.01 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in  
 the ground on solid rock and 20 ins. in a mound of  
 stone for  $\frac{3}{4}$  sec. cor., with brass cap marked

$$\frac{3}{4} \frac{S22 \checkmark}{S27}$$

1924

Deposit a stone, 4x3x2 ins., marked with a cross (X) on  
 one face at base of monument.

48.40 Begin ascent along broken, rugged S. slope along rim  
 of small mesa.

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

Land, rolling and broken mesa; general NE. exposure and  
 drainage.

Soil, sandy and rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush

Fair grazing.

---

N. 0°02'W., bet. secs. 21 and 22.

The line north passes over a series of ledge points  
 projecting W., to pass which I offset as follows:

West, 11.36 chs., then

N. 0°02'W., on offset line, 40.00 chs., over rough, broke  
 bench land through short undergrowth; then

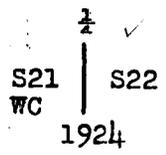
East, 11.36 chs. to true line at

Subdivision of T.42 S., R.13 E.

Chain

40.00 Point for 1/4 sec. cor. falls on steep, sloping surface rock where cor. cannot be perpetuated. I am also unable to establish cor. within a reasonable distance north or south of the true cor. point on line, therefore, at a point 89 lks. E. of the true cor. point,

Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 2 1/4 ins. in a mound of stone for witness cor. to the 1/4 sec. cor., with brass cap marked

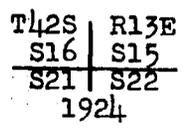


Deposit a stone, 1 1/4 x 1 1/2 x 1 0 ins., marked with a cross (X) on one face at base of monument.

Thence

N.0°02'W., from true cor. point for 1/4 sec. cor. Over rough, broken bench land.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 2 1/4 ins. in a mound of stone for cor. of secs. 15, 16, 21 and 22, with brass cap marked



Deposit a stone, 8x7x6 ins. marked with a cross (X) on one face at base of monument.

Land, rough. mountainous bench land; general NW. exposure and drainage.

Soil, sandy clay loam and rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Poor grazing.

East, on a random line bet. secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

Subdivision of T. 42 S. R. 25 E.

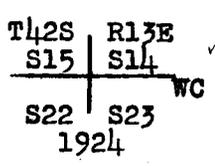
Chains

80.06 Intersect N. and S. line 11 lks. S. of the true point for the cor. of secs. 14, 15, 22 and 23.

Thence S. 89° 55' W., on true line bet. secs. 15 and 22.

.47 On left bank of Copper Canyon Wash.

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for witness cor. to the cor. of secs. 14, 15, 22 and 23, with brass cap marked

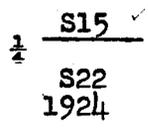


Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Begin ascent over broken E. slope of mesa through scattering short undergrowth.

31.85 Top of ledge and rim of mesa, 300 ft. above Copper Canyon Wash, bears N. and S.; thence over rough, broken ground

40.03 On rough, rocky ridge, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 6x5x4 ins. marked with a cross (X) on one face at base of monument.

59.60 Top of S. end of a low red sandstone spur, projects S.

80.06 The cor. of secs. 15, 16, 21 and 22.

Land, rough, broken bench and mesa land; general N. exposure and drainage.

Soil, rocky and shallow sand of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush

Fair grazing.

Subdivision of T.42 S., R.13 E.

Chains

N.0°02'W., bet. secs. 15 and 16.

Ascend S. slope over rough, rocky bench land through short undergrowth.

19.40 Top of rim of small mesa, 300 ft. above sec. cor., bears E. and W.; thence across mesa.

23.51 Top of ledge and N. rim of mesa, bears E. and W.; the line N. descends high ledges and crosses a box canyon across which I cannot chain; to determine the distance to the N. side of canyon I triangulate as follows:

Set flag "A" on line on N.

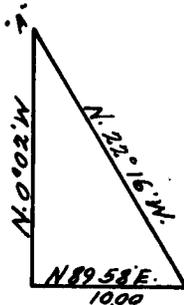
side of canyon, then

measure a base line

N.89°58'E., 10.00 chs.

distance to a point

where flag "A" bears



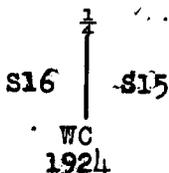
N.22°16'W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance on line	=	23.51 chs.
Distance by triangulation	=	24.46 chs.
Total	=	47.97 chs.

47.97 To flag "A" on N. side of box canyon which drains NW. at 40.00 chs.

The point for the  $\frac{1}{4}$  sec. cor. falls on ledge on slope of canyon where cor. cannot be set, therefore, at this point,

Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for witness cor. to the  $\frac{1}{4}$  sec. cor.; with brass cap marked



Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Thence over rough bench land broken by sandstone outcroppings.

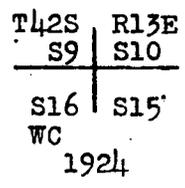
80.00 Point for the cor. of secs. 9,10,15 and 16 falls on steep,

Subdivision of T.42 S., R.13 E.

Chains

sloping surface rock where cor. cannot be perpetuated.  
The only suitable place that can be found within distance for the establishment of a cor. is 36 lks. N. and 40 lks. E. of the true cor. point; at which point,

Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground on solid rock and 20 ins. in a large mound stone for witness cor. to the cor. of secs. 9,10,15 and 16, with brass cap marked



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rough and mountainous; general NW. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate. No timber.

Undergrowth, black brush, mountain rush and rabbit brush. Poor grazing.

From the true cor. point for cor. of secs. 9,10,15 and 16 N. 89°55'E., on a random line bet. secs. 10 and 15.

40.00 Set temp. 1/2 sec. cor.

40.20 Base of high ledge and break of mesa, to pass which I offset as follows:

South, 18.10 chs., then N. 89°55'E., 80.16 chs. (counted from sec. cor.) then North, 18.10 chs., to true random line at

80.16 Intersect N. and S. line, 17 lks. N. of the true cor. point for cor. of secs. 10,11,14 and 15.

Thence

N. 89°58'W., on true line bet. secs. 10 and 15.

Over rugged breaks and slopes of mesa to pass which I offset:

South, 18.10 chs., then on offset line

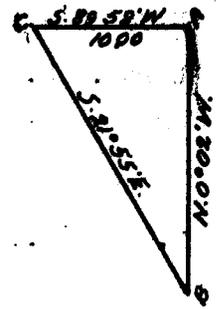
Subdivision of T.42 S., R.13 E.

- Chains
- 39.96 N.89°58'W., 39.96 chs., then North, 18.10 chs. to true line at Base of high ledge wall of mesa on E. side of Copper Canyon, bears N. and SE.; thence N.89°58'W., on true line: Descend abruptly W. slope through short undergrowth.
- 40.08 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\begin{array}{r} \frac{S10}{\downarrow} \\ S15 \\ 1924 \end{array}$$
- 44.80 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Base of steep descent and enter bottom of Copper Canyon, 125 ft. below  $\frac{1}{4}$  sec. cor., bears N. and S.; thence across canyon.
- 69.30 Copper Canyon Wash, 1 ch. wide, 3 ft. deep, drains N.; road in wash, bears N. and S.; ascend abruptly 330 ft. to
- 79.15 Top of ledge and rim of Copper Canyon, bears N. and S.
- 80.16 The true point for cor. of secs. 9, 10, 15 and 16. Land, rough broken bench land and mesa; general NW. exposure and drainage. Soil, rocky and sandy of sandstone formation; 4th. rate. No timber. Undergrowth, black brush, rabbit brush and mountain rush. Fair grazing.
- 
- From the true point for cor. of secs. 9, 10, 15 and 16. N.0°02'W., bet. secs. 9 and 10. Over rough slope of canyon through short undergrowth.
- 4.19 Top of ledge and rim of Copper Canyon down which I cannot chain bears NW. and S.10°E. To determine distance to bottom of canyon I triangulate as follows:

Subdivision of T.42 S., R.13 E.

Chains

Set flag "A" on line in canyon N.0°02'W. and erect flag "B" at this point. Then from flag "A" measure base line "AC" S.89°58'W., 10.00 chs. distant. The line "CB" bears S.21°55'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 4.19 chs.  
 Distance by triangulation = 24.90 chs.  
 Total distance = 29.09 chs.

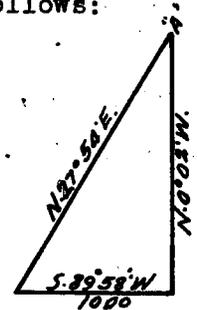
Thence by return measurement, S.0°02'E. to 24.50 Road, in Copper Canyon, bears NW. and SE. Thence N.0°02'W. across Copper Canyon.

29.09 Point of triangulation and Flag "A".

34.00 Bottom of Copper Canyon and Wash, 1 ch. wide, 3 ft. deep drains NW. At 5.00 chs. northwesterly from this point and in bottom of Wash is a small seep of water. A few cottonwood trees also form a fringe along the bank of the wash near seep. Begin abrupt ascent from canyon over ledges.

Impassable ledges ahead make chaining impracticable, I therefore return to my point at 29.09 chs. and triangulate to top of canyon as follows:

From the 29.09 chs. point set flag "A", N.0°02'W. on top of ledges, then measure a base line S.89°58'W., 10.00 chs., to point where flag "A"



bears N.17°54'E. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 18.86 chs. which added to 29.09 chs. gives

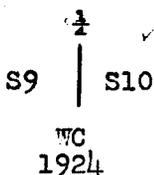
47.95 To top of ledges and brink of canyon, 350 ft. above base, bears NW. and SE.

Subdivision of T.42 S., R.13 E.

Chains

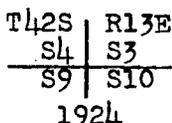
49.16 The point for  $\frac{1}{4}$  sec. cor. falls on ledges on break of Copper Canyon and cor. point cannot be reached, therefore at this point

Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked



Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Thence over rolling top of mesa through short undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 3, 4, 9 and 10, with brass cap marked



Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Land, rough mountainous on S. 47.95 chs. and rolling mesa on remainder of mile; general NW. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, amole and mountain rush.

Poor grazing.

S.  $89^{\circ}58'E.$ , on a random line bet. secs. 3 and 10.

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

80.26 Intersect N. and S. line 9 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence

S.  $89^{\circ}58'W.$ , on true line bet. secs. 3 and 10.

Subdivision of T.42 S., R.13 E.

Chains

Over broken mesa land through short undergrowth.

- 4.20 Rim of small canyon, bears N. and S.; descend.  
 7.30 Wash, 10 lks. wide, 3 ft. deep, in small canyon, drains N.; ascend.  
 10.90 W. rim of canyon, bears N. and SW.; thence over mesa.  
 40.13 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for  $\frac{1}{2}$  sec. cor., with brass cap marked

$\frac{1}{2}$   $\frac{S3}{S10}$   
 1924

Other accessories impracticable.

- 68.20 Top of ledge and rim of canyon, bears NW. and SE.; descend.  
 71.25 Bottom of canyon, 135 ft. below rim, drains NW.; ascend.  
 75.60 W. rim of canyon, bears NW. and SE.  
 80.26 The cor. of secs. 3, 4, 9 and 10.  
 Land, broken mesa; general NW. exposure and drainage.  
 Soil, rocky and sandy of sandstone formation; 4th. rate.  
 No timber.  
 Undergrowth, black brush, rabbit brush and mountain rush  
 Poor grazing.

---

N.0°05'W., on a random line bet. secs. 3 and 4.

- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
 80.26 Intersect N. bdy. of the Tp. 19 lks. W. of the cor. of secs. 3, 4, 33 and 34 heretofore described.

Thence

S.0°03'W., on true line bet. secs. 3 and 4.

Over rolling mesa through short undergrowth.

- 40.26 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 24 ins. in a large mound of stone over a cross (X) cut in the surface rock for  $\frac{1}{2}$  sec. cor., with brass cap marked

$\frac{1}{2}$   
 S4 | S3  
 1924

Subdivision of T.42 S., R.13 E.

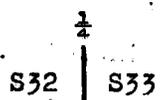
- Other accessories impracticable.
  - 42.60 Small draw, drains W.
  - 49.30 Draw, drains NW.; ascend.
  - 51.60 Rim of draw, bears NW. and SE.; descend.
  - 56.65 Wash, 15 lks. wide, 3 ft. deep, in draw, drains W.; ascend.
  - 59.50 Top of small clay knoll; descend.
  - 64.75 Bottom of wash, 15 lks. wide, 3 ft. deep, in canyon, drains NW.; ascend.
  - 75.31 Top of ledge and rim of canyon, bears NW. and SE., 125 ft. above bottom; thence over mesa.
  - 80.26 The cor. of secs. 3,4,9 and 10.
- Land, rolling and broken mesa; NW. exposure and drainage.  
 Soil, sandy and sandstone rock; 4th. rate.  
 No timber.  
 Undergrowth, black brush, amole and mountain rush.  
 Poor grazing.

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

N.0°03'W., bet. secs. 32 and 33.

Over precipitous E. break of bench or mesa through short undergrowth.

- 8.00 Drawn drains NE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked



1924

Deposit a stone, 8x6x4 ins. marked with a cross (X) on one face at base of monument.

The line N. ascends breaks of bench and high ledges over which I cannot chain; to determine the distance to top

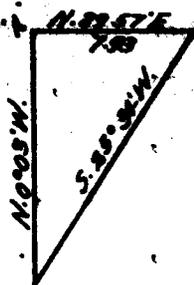
I triangulate as follows:

From the  $\frac{1}{4}$  sec. cor. set flag "A" on line on top of

Subdivision of T.42 S., R.13 E.

Chains

ledges and also erect a flag  
at the  $\frac{1}{4}$  sec. cor. From flag  
"A" measure a base line  
N.89°57'E., 7.93 chs. to  
point where the flag at  
the  $\frac{1}{4}$  sec. cor. bears



S.25°34'W. All bearings taken by direct reading of the  
solar and angles checked by deflection.

Distance by triangulation = 16.45 chs. which added to  
40.00 chs. gives

56.45 Top of ledge and brink of bench, bears E. and W.; thence  
over broken bench land through scattering scrub timber  
and short undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in  
a large mound of stone over a cross cut in surface  
rock for cor. of secs. 28, 29, 32 and 33, with brass  
cap marked

T42S	R13E
S29	S28
S32	S33
1924	

from which

A scrub cedar 3 ins.diam., bears N.4°E., 210  
lks. dist., marked BT

A scrub pinon, 3 ins.diam., bears S.12 $\frac{1}{4}$ °E., 96  
lks.dist., marked BT

A pinon, 6 ins.diam., bears S.34 $\frac{1}{4}$ °W., 73 lks.  
dist., marked T 42 S R 13 E S 32 B T

A pinon, 3 ins.diam., bears N.13 $\frac{1}{2}$ °W., 35 lks.  
dist., marked BT

Land, rough mountainous on S. 56.45 chs. and broken bench  
on remainder of mile; general E. exposure and drainage

Soil, rocky and sandy clay of sandstone formation; 4th.  
rate.

Timber, scattering scrub cedar and pinon on N. 23.55 chs  
Undergrowth, short black brush, rabbit brush and mountain  
rush.

## Subdivision of T.42 S., R.13 E.

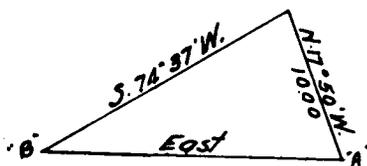
Chains

Poor grasing.

East, on a random line bet. secs. 28 and 33.

6.82 The line east descends impassable ledges down which I cannot chain; to determine distance to the east I triangulate as follows:

Set flag "A" on line east and erect flag "B" at this point then, from flag "A" measure base line "AC" N.17°50'W., 10.00 chs. distant. The line "CB" bears S.74°37'W.



All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 37.66 chs. which added to 6.82 chs. makes 44.48 chs.

Thence by return measurement 4.48 chs. to

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

44.48 The line east will pass over high ledges over which I cannot chain or triangulate, therefore, to pass same I offset as follows:

South, 7.17 chs., then on offset line

East, 79.98 chs. (counted from sec. cor.) to intersection with the witness cor. to the cor. of secs. 27, 28, 33 and 34. The point for the cor. of secs. 27, 28, 33 and 34 falls on inaccessible ground and cannot be reached, therefore the offset N. to true line is not made.

The computed course and distance of the line bet. secs. 28 and 33 is west, 79.98 chs.

Thence from witness cor. to the cor. of secs. 27, 28, 33 and 34,

West, on offset line bet. secs. 28 and 33, 35.50 chs.

Along rugged S. slope at base of ledges bearing E. and W.

At 16.20 chs. top of ledge, 60 ft. high, bears NE. and SW.; thence over broken bench land.

Then, North, 7.17 chs. to true line at

Chains

55.50 Point of triangulation over ledges to the west.  
Thence, west on true line.

39.99 Set an iron post, 3 ft. long, 1 in. in dia., 50 lbs.  
a large mound of stone over a cross cut in surface  
rock for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{828}{953} = 1924$$

from which

A cedar, 4 ins. diam., bears S.  $63\frac{1}{2}^{\circ}$  W., 33 lks.  
dist., marked BT

A pinon, 3 ins. diam., bears N.  $41\frac{1}{4}^{\circ}$  W., 115 lks.  
dist., marked BT

Thence by triangulation over high ledges to

73.16 Point of triangulation and brink of ledges, bears NE.  
and S.; from this point Indian Hogans bear North,  
2 chs. distant.

Thence over broken bench land.

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

Land, rugged mountainous and broken benches; general E.  
exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate  
Timber, a few scrub cedar and pinon in central portion  
of mile.

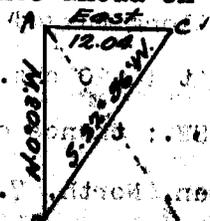
Undergrowth, black brush, rabbit brush and mountain run  
Poor grazing.

N.  $0^{\circ}03'$  W., bet. secs. 28 and 29.

Over nearly level bench land through scattering timber  
and short undergrowth.

19.67 Leave timber on top of ledge and rim of mesa or bench,  
bears NW. and SE.; descent over ledges down which I  
cannot chain. To determine distance ahead on line I  
triangulate as follows:

Set flag "A", N.  $0^{\circ}03'$  W., and  
erect flag "B" at this point,  
then, from flag "A" measure



## Subdivision of T.42 S., R.13 E.

Chains

a base line "AC", east, 12.04 chs. The line "CB" bears S.22°56'W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 28.40 chs.  
 Distance to flag "B" from cor. of secs. 28,29,32 and 33 = 19.67 chs.  
 Total distance from cor. of secs. 28,29,32 and 33 to flag "A" = 48.07 chs.

Thence by return measurement,

S.0°03'E., 8.07 chs. dist. to

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S29} \quad | \quad \text{S28} \\ \hline 1924 \end{array}$$

Deposit a stone, 6x4x2 ins. marked with a cross (X) on one face at base of monument.

Cor. stands on rugged E. slope of bench.

48.07 Point of triangulation. The line north from this point follows along rugged E. slope and crosses ledges which project E., to pass which I offset as follows:

East, 12.04 chs., then on offset line

N.0°03'W., 80.00 chs. (counted from sec. cor.) then

West, 12.04 chs. to true line, on which at

30.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 20,21,28 and 29, with brass cap marked

$$\begin{array}{c} \text{T42S} \quad | \quad \text{R13E} \\ \hline \text{S20} \quad | \quad \text{S21} \\ \hline \text{S29} \quad | \quad \text{S28} \\ \hline 1924 \end{array}$$

Deposit a stone, 4x2x2 ins. marked with a cross (X) on one face at base of monument.

Land, rolling bench on S. 19.67 chs. and rough mountainous on remainder of mile; general NE. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

Subdivision of T.42 S., R.13 E.

Chains

Timber, scattering scrub cedar and pinon on S.19.67 chs.  
Undergrowth, black brush, rabbit brush and mountain rue  
Poor grazing.

East, on a random line bet. secs. 21 and 28.

12.04 Impassable cliffs ahead on line, to pass which I offset  
as follows:

North, 10.20 chs., then on offset line

East, 32.75 chs., then

South, 10.20 chs. to true random line at

44.79 Then by return measurement

West, 4.79 chs. to

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

80.14 Intersect N. and S. line 5 lks. S. of the cor. of secs.  
21, 22, 27 and 28.

Thence

S.89°58'W., on true line bet. secs. 21 and 28.

Over rough broken bench land through short undergrowth.

18.15 Bottom of fork of White Canyon, drains N., 100 ft. below  
sec. cor.; gradually ascend.

40.07 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in  
the ground and 24 ins. in a large mound of stone over  
a cross cut in surface rock for  $\frac{1}{4}$  sec. cor., with  
brass cap marked

$\frac{1}{4}$   $\frac{S21}{S28}$   
1924

Other accessories impracticable.

Impassable cliffs to the west make it impossible to  
follow true line, thence by offset from 35.35 chs. poi

35.35 North, 10.20 chs., then on offset line

S.89°58'W., 68.10 chs., (counted from sec. cor.) then

South, 10.20 chs. to true line at

68.10 Thence, S.89°58'W., over rolling bench.

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

Land, rough, broken bench; general N. exposure and  
drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

Subdivision of T.42 S., R.13 E.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

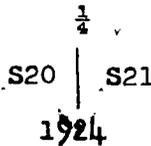
Poor grazing.

N.0°03'W., bet, secs. 20 and 21.

Over broken bench land through short undergrowth.

On E. slope.

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a stone, 20x12x10 ins., marked with a cross (X) on one face alongside base of monument.

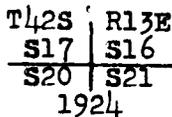
The line north crosses impassable cliffs over which it is impracticable to chain; therefore, I offset as follows:

East, 12.00 chs., then on offset line,

N.0°03'W., 40.00 chs., then

West, 12.00 chs. to true line at

Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 16,17,20 and 21, with brass cap marked



Deposit a stone, 8x5x4 ins., marked with a cross (X) on one face at base of monument.

Land, rough broken bench; general NE. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Poor grazing.

40.00

80.00

64  
Subdivision of T.42 S., R.13 E.

Chains

- N.89°58'E., on a random line bet. secs. 16 and 21.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.38 Intersect N. and S. line 7 lks. S. of the cor. of secs. 15, 16, 21 and 22.
- Thence
- S.89°55'W., on true line bet. secs. 16 and 21.
- Over bench land through short undergrowth.
- 2.50 Top of ridge and divide between Copper and White Canyon bears N. and S.; gradually descend NW. slope.
- 32.00 Base of descent and enter bottom of White Canyon, bears N. and S.
- 40.19 Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 10 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$  S16  
S21  
1924

- Deposit a stone, 7x5x4 ins., marked with a cross (X) on one face at base of monument.
- 68.30 Wash, 20 lks. wide, 3 ft. deep, drains NE.
- 80.38 The cor. of secs. 16, 17, 20 and 21.
- Land, rolling bench; general N. exposure and drainage.
- Soil, sandy and sandstone rock; 4th. rate.
- No timber.
- Undergrowth, black brush, rabbit brush and mountain rush.
- Fair grazing.

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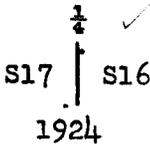
N.0°03'W., bet. secs. 16 and 17.

- Ascend over rough bench land through short undergrowth.
- 15.25 Sandstone ledge, 25 ft. high, bears NE. and SW.; continue ascent.
- 23.90 Spur, 250 ft. above sec. cor., projects NE.; descend.
- 39.00 Top of white sandstone ledge, 35 ft. high, bears NE. and SW.; descend abruptly.
- 40.00 On NW. slope, 135 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in

## Subdivision of T.42 S., R.13 E.

chains

the ground on solid rock and 14 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor. with brass cap marked



Deposit a stone, 9x8x6 ins. marked with a cross (X) on one face at base of monument.

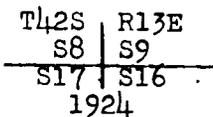
Descend abruptly 125 ft. to

46.10 Wash, 15 lks. wide, 3 ft. deep, in gulch, drains NE.; thence along general E. slope.

65.70 Wash, 15 lks. wide, 5 ft. deep, in gulch, drains NE.; ascend.

72.00 Top of ascent and N. brink of gulch, 150 ft. above bottom bears NE. and SW.; thence over bench.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for cor. of secs. 8,9,16 and 17, with brass cap marked



Impracticable to build other accessories to cor.

Land, rough, broken bench land; general E. exposure and drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Poor grazing.

N.89°55'E., on a random line bet. secs. 9 and 16.

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

80.44 Intersect N. and S. line 12 lks. S. of the true point for the cor. of secs. 9,10,15 and 16.

Thence

S.89°50'W., on true line bet. secs. 9 and 16.

Over rough, rocky point of bench dividing Copper and

Subdivision of T.42 S., R.13 E.

Chains

White Canyons, through short undergrowth.

- 32.80 Bottom of White Canyon and wash, 60 lks. wide, 4 ft. deep, drains N.; gradually ascend.
- 40.22 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground and 24 ins. in a large mound of stone over a cross cut in bedrock for  $\frac{1}{4}$  sec. cor., with brass c marked

$\frac{1}{4}$   $\frac{S9}{S16}$   
1924

Other accessories impracticable.

- 47.45 Wash, 30 lks. wide, 3 ft. deep, drains NE.
- 80.44 The cor. of secs. 8,9,16 and 17.  
Land, rough, broken and rocky bench land; general N. exposure and drainage.  
Soil, rocky and sandy of sandstone formation; 4th. rate  
No timber.  
Undergrowth, black brush, rabbit brush and mountain rus  
Poor grazing.

N.0°03'W., bet. secs. 8 and 9.

Ascend over rough, broken bench land on general E. slope of Copper and White Canyons through short undergrowth

- 1.10 Ledge, 35 ft. high, bears NE. and SW.; continue ascent.
- 25.80 Spur, 130 ft. above sec. cor., projects NE.; descend.
- 32.65 Gulch, 100 ft. below spur, drains NE.; ascend abruptly.
- 40.00 On top of ledge rim of bench and brink of Copper Canyon 200 ft. above gulch, bears NE. and SW.  
On surface rock, mark a cross (X) at exact cor. point over which,  
Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for  $\frac{1}{4}$  sec. cor., with brass c marked

$\frac{1}{4}$   
S8 | S9  
1924

Other accessories impracticable.

## Subdivision of T.42 S., R.13 E.

## Chains

Thence across point of bench.

42.75 Top of ledge 20 ft. high and rim of bench also brink of Copper Canyon, bears E. and W.; descend.

63.60 Gulch, 330 ft. below  $\frac{1}{4}$  sec. cor., drains NE.; ascend.

72.17 Top of ledge and brink of bench, 200 ft. above gulch, bears NE. and SW. From this point a seep in Copper Canyon, bears S.  $58^{\circ}30'E$ .

Thence over bench.

80.00 On surface rock, mark a cross (X) at exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 4, 5, 8 and 9, with brass cap marked

T42S	R13E
S5	S4
S8	S9
1924	

Other accessories impracticable.

Land, rough, broken benches; general E. exposure and N. drainage.

Soil, rocky and sandy of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Poor grazing.

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N.  $89^{\circ}50'E$ ., on a random line bet. secs. 4 and 9.

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

80.44 Intersect N. and S. line at the cor. of secs. 3, 4, 9 and 10.

Thence

S.  $89^{\circ}50'W$ ., on true line bet. secs. 4 and 9.

Over rolling and broken mesa through short undergrowth.

31.00 Shallow draw, drains NW.

40.22 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for  $\frac{1}{4}$  sec. cor., with brass cap marked

Subdivision of T. 12 S., R. 13 E.

Chains	
	$\frac{1}{4}$ <u>84</u> 89 1924
	Other accessories impracticable.
41.00	Top of sandstone ledge and E. rim of Copper Canyon, bears NW. and SE.; descend abruptly.
56.95	Bottom of Copper Canyon and wash, 2 chs. wide, 2 ft. deep road, bears NW. and SE. 160 ft. below E. rim, drains NW.; ascend abruptly.
74.60	Top of ledge and west rim of Copper Canyon, 420 ft. above bottom, bears Nk. and SW. From this point a seep in Copper Canyon, bears S. 42° 26' E.
	Thence over bench.
80.44	The cor. of secs. 4, 5, 8 and 9. Land, rolling mesas broken by canyon; general NW. exposure and drainage. Soil, rocky and sandy of sandstone formation; 4th. rate No timber. Undergrowth, black brush, rabbit brush and mountain rue. Fair grazing.
	_____
	N. 0° 02' E., on a random line bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.40	Intersect N. bdy. of the Tp. 30 lks. W. of the cor. of secs. 4, 5, 32 and 33 heretofore described.
	Thence
	S. 0° 15' W., on true line bet. secs. 4 and 5.
	Over broken bench land through short undergrowth.
18.30	Top of ledge and rim of Copper Canyon, bears NW. and SE. descend abruptly.
33.40	Bottom of Copper Canyon and wash, 1 ch. wide, 4 ft. deep 380 ft. below rim, drains NW.; ascend.
37.35	Road in canyon, bears NW. and SE.
40.40	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$   
 S5 | S4  
 1924

## Subdivision of T.42 S., R.13 E.

Chains

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

72.50 Top of sandstone ledge and S. brink of Copper Canyon, 300 ft. above  $\frac{1}{4}$  sec. cor., bears NW. and SE.; thence over bench to .

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

Land, rolling mesa and bench broken by deep canyon; general NW. exposure and drainage.

Soil, rocky and sandy of sandstone formation;  $\frac{1}{4}$ th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Fair grazing.

From the true point for the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. heretofore described.

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

Over rough, broken E. slope of bench land through short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

	$\frac{1}{4}$	
S31		S32
1924		

Deposit a stone, 9x8x6 ins. marked with a cross (X) on one face at base of monument.

30.00 Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for cor. of secs. 29, 30, 31 and 32, with brass cap marked

T42S		R13E
S30		S29
S31		S32
1924		

Deposit a stone, 6x6x5 ins. marked with a cross (X) on one face at base of monument.

Land, rough E. slope of bench.

Soil, rocky and sandy clay;  $\frac{1}{4}$ th. rate.

No timber.

Subdivision of T.42 S., R.13 E.

Chains

Undergrowth, black brush and mountain rush.  
 Poor grazing.

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

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

80.06 Intersect N. and S. line 12 lks. S. of the cor. of sec  
 28, 29, 32 and 33.

Thence

S.  $89^{\circ}55'W.$ , on true line bet. secs. 29 and 32.

Gradually ascend over rolling bench land sloping E.  
 through short undergrowth.

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

$\frac{S29}{4}$   
 S32  
 1924

Deposit a stone, 6x5x4 ins. marked with a cross (X) on  
 one face at base of monument.

45.00 Land becomes more broken, bears N. and S.

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

Land, broken; general E. exposure and drainage.

Soil, rocky and sandy; 4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

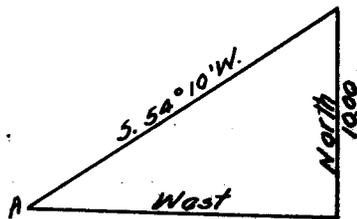
Poor grazing.

West, on a random line bet. secs. 30 and 31.

The line west ascends high ledges and breaks of mesa up  
 which I cannot chain; to determine the distance to top

I triangulate as follows:

Set flag "A" on line west on top  
 of mesa, then from the cor. of  
 secs. 29, 30, 31 and 32 measure  
 base line, North, 10.00 ds.  
 distant. From N. end of base  
 flag "A" bears S.  $54^{\circ}10'W.$  All



bearings taken by direct reading of the solar and

## Subdivision of T.42 S., R.13 E.

angles checked by deflection.

Distance by triangulation = 13.85 chs.

13.85 To flag "A" and top of ledges.

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

77.83 Intersect W. bdy. of the Tp. 9 lks. S. of the cor. of secs. 25, 30, 31 and 36 heretofore described.

Thence

S.  $89^{\circ}56'$  E. on true line bet. secs. 30 and 31.

Over nearly level top of high mesa, locally called "No Man's Land", through scrub timber and short undergrowth.

37.83 Set a sandstone, 20x12x6 ins., 15 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; from which

A pinon, 3 ins. diam., bears S.  $75^{\circ}$  E., 63 lks. dist., marked BT

A pinon, 3 ins. diam., bears N.  $49^{\circ}$  W., 252 lks. dist., marked BT

63.98 Top of sandstone ledge, 120 ft. high and E. brink of No Man's Land, bears N. and S.; thence by triangulation to

77.83 The cor. of secs. 29, 30, 31 and 32, 460 ft. below brink of mesa.

Land, W. 63.98 chs. rolling top of mesa; E. 13.85 chs. precipitous E. break of same.

Soil, sandy and rocky of sandstone formation; 4th. rate.

Timber, scrub cedar and pinon on W. 63.98 chs.

Undergrowth, black brush, rabbit brush and mountain rush.

Fair grazing on top of mesa.

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

Over rough break of mesa sloping E. through short undergrowth.

.10 Large sandstone boulder on line.

40.00 On steep E. slope.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

Subdivision of T.42 S., R.13 E.

Chains

$\frac{1}{2}$   
 530 | 529  
 1924

Deposit a stone, 8x5x4 ins., marked with a cross (X) on one face at base of monument.

60.00 Point for cor. of secs. 19, 20, 29 and 30 falls on steep clay slope facing E. where cor. monument could not be perpetuated; witness cor. established N.0°05'W., 1.00 chs. distant, for description of same see line bet. secs. 19 and 20.

Land, rough, rocky E. slope of mesa.

Soil, rocky and brown and blue clay; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

---

from the true cor. point for cor. of secs. 19, 20, 29 and 30.

N.89°55'E., on a random line bet. secs. 20 and 29.

41.00 Set temp.  $\frac{1}{2}$  sec. cor.

41.71 Top of high ledge and brink of bench down which I cannot chain; to determine the distance on line east I make the following triangulation:

Set flag "A" on line East and erect

flag "B" at this point. Then

from flag "A" measure a base

line "AC", N.0°05'W., 10.00

chs. The line "CB" bears

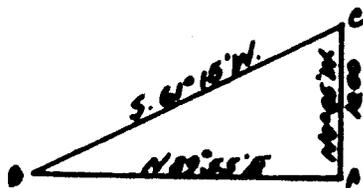
S.41°15'W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 18.29 chs. which added to 41.71 chs. gives

60.00 Intersect 1. and 3. line 12 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence

S.89°30'W., on true line bet. secs. 20 and 29.



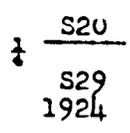
Subdivision of T.42 S., R.13 E.

Chains

By triangulation over rough E. break of bench ascending high ledges.

18.29 Point of triangulation on top of ledge and brink of bench, 300 ft. above sec. cor., bears NW. and SE.; ascend over bench land through short undergrowth.

40.00 On NE. slope.  
Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Continue ascent over general E. slope to

30.00 The true point for cor. of secs. 19, 20, 29 and 30. Land, rough broken bench land; general E. exposure and drainage.

Soil, shallow sand and rocky of sandstone formation; 4th. rate.

No timber.

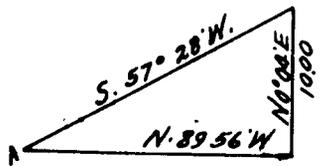
Undergrowth, black brush and mountain rush.

Poor grazing.

N. 89° 56' W., on a random line bet. secs. 19 and 30.

The line west ascends high ledges and break of mesa and cannot be chained, I therefore triangulate to top as follows:

From the true point for cor. of secs. 19, 20, 29 and 30 set flag "A" on line N. 89° 56' W. and from sec. cor. point measure base line N. 0° 04' E., 10.00 chs.



From the N. end of base flag "A" bears S. 57° 28' W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 15.64 chs.

Subdivision of T. 42 N., R. 13 E.

- Chains
- 15.64 Point of triangulation on top of ledges; thence  
N. 89° 56' W. by direct measurement.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 77.72 Intersect W. bdy. of the Tp. 2 lks. N. of the cor. of  
secs. 19, 24, 25 and 30 heretofore described.  
Thence  
S. 89° 57' E. on true line bet. secs. 19 and 30.  
Over rolling top of mesa, locally called "No Man's Land"  
through scattering scrub timber and short undergrowth
- 37.72 Set a sandstone, 22x12x6 ins., 16 ins. in the ground  
for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; from which  
A scrub cedar, 6 ins. diam., bears S. 19° E., 28  
lks. dist., marked BT  
A scrub cedar, 3 ins. diam., bears N. 40 $\frac{1}{2}$ ° W., 22  
lks. dist., marked BT
- 62.08 Top of sandstone ledge, 200 ft. high and east brink of  
"No Man's Land", bears N. and S.; thence by triangulation  
to
- 77.72 The true point for cor. of secs. 19, 20, 29 and 30, 460  
ft. below mesa.  
Land, rolling mesa on W. 62.08 chs. and precipitous  
E. slope of same on remainder of mile.  
Soil, shallow sand and blue clay and rocky of sandstone  
formation; 4th. rate.  
Timber, scattering scrub cedar and pinon on W. 62.08 chs.  
Undergrowth, black brush, rabbit brush and mountain rue  
Poor grazing.
- 
- From the true point for cor. of secs. 19, 20, 29 and 30.  
N. 0° 03' W., bet. secs. 19 and 20.  
Over rough, broken, general E. slope of bench land  
through short undergrowth.
- 1.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in  
the ground on solid rock and 24 ins. in a mound of  
stone for witness cor. to the cor. of secs. 19, 20, 29  
and 30 with brass cap marked

Subdivision of T.42 S., R.13 E.

Chains

T42S	R13E
S19	S20
S30	S29

WC  
1924

Deposit a stone, 9x8x6 ins. marked with a cross (X) on one face at base of monument.

40.00 On steep slope.

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked

↑  
S19 | S20  
1924

Deposit a stone, 8x7x5 ins. marked with a cross (X) on one face at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 17,18,19 and 20, with brass cap marked

T42S	R13E
S18	S17
S19	S20

1924

Deposit a stone, 8x6x4 ins. marked with a cross (X) on one face at base of monument.

Land, broken bench; general NE. exposure and drainage. Soil, brown and blue clay and rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Poor grazing.

N.89°50'E., on a random line bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect the cor. of secs. 16,17,20 and 21.

Thence

S.89°50'W., on true line bet. secs. 17 and 20.

Ascend over broken bench land and breaks of bench through short undergrowth.

Subdivision of T. 42 S., R. 15 E.

Chains	
23.80	Top of ledge and rim of bench, 350 ft. above sec. cor. bears N. and S.; thence over nearly level bench.
40.06	On a N. slope. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in a large mound of stone over a cross cut in surface rock for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ <u>S17</u> ✓ S20 1924
	Other accessories impracticable.
60.00	Begin ascent over E. slope, bears N. and S.
80.12	The cor. of secs. 17, 18, 19 and 20. Land, rough and broken on E. 2380 chs. and rolling on remainder of mile; general NE. exposure and drainage. Soil, sandy, blue clay and rocky of sandstone formation 4th. rate.
	No timber.
	Undergrowth, black brush and mountain rush.
	Poor grazing.
40.00	<p style="text-align: center;">_____</p> N. 89° 57' W., on a random line bet. secs. 18 and 19. Set temp. $\frac{1}{4}$ sec. cor. The line west ascends high ledges and break of mesa up which I cannot chain, I therefore triangulate to the top as follows:
	From the cor. of secs. 17, 18, 19 and 20 set flag "A" on line on top of ledges N. 89° 57' W. Then measure a base line S. 0° 03' W., 15.11 chs. From the S. end of the base flag "A" bears N. 71° 30' W.; all bearings taken by direct reading of the solar and angles checked by deflection.
	Distance by triangulation = 45.29 chs.
45.29	Top of ledges; continue on random line N. 89° 57' W.
77.53	Intersect W. bdy. of the Tp. 7 lks. S. of the cor. of

Subdivision of T. 42 S., R. 13 E.

secs. 13, 18, 19 and 24 heretofore described.

Thence

S. 89° 54' E., on true line bet. secs. 18 and 19.

Over rolling top of mesa locally called "No Man's Land", through scattering scrub timber and short undergrowth.

32.24 Point of triangulation on top of ledge about 300 ft.

high and E. brink of No. Man's Land, bears N. and S.; leave timber, thence by triangulation.

37.53 On precipitous E. slope of mesa.

Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 24 ins. in a large mound of stone for 1/4 sec. cor., with brass cap marked

1/4      S18  
          -----  
          S19  
          1924

from which

A sandstone boulder, marked X BO S 18 bears North, 5 lks. distant.

Other accessories impracticable.

Continue precipitous descent over E. slope.

70.80 Gulch, drains NE.

77.53 The cor. of secs. 17, 18, 19 and 20, 530 ft. below 1/4 sec. cor.

Land, W. 32.24 chs. rolling top of mesa; remainder of mile precipitous E. break of same.

Soil, sandy and rocky on mesa, clay and rocky on slopes; sandstone formation.

Timber, scrub cedar and pinon on W. 32.24 chs.

Undergrowth, black brush, mountain rush and rabbit brush.

Poor grazing.

N. 0° 03' W., bet. secs. 17 and 18.

Over broken bench land sloping NE., through short undergrowth.

6.60 Gulch, drains NE.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in

Subdivision of T. 42 S., R. 13 E.

Chains

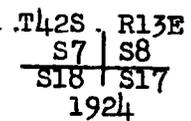
the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked



1924

Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. stands 140 ft. above sec. cor.

- 73.60 Small gulch, drains NE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for cor. of secs. 7, 8, 17 and 18, with brass cap marked



Other accessories impracticable.  
 Cor. stands 160 ft. below  $\frac{1}{4}$  sec. cor.  
 Land, broken bench; general NE. exposure and drainage.  
 Soil, rocky and sandy clay; 4th. rate; sandstone formation.  
 No timber.  
 Undergrowth, short black brush, rabbit brush and mountain rush.  
 Fair grazing.

N.  $89^{\circ}50'E.$ , on a random line bet. secs. 8 and 17.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.06 Intersect N. and S. line 14 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence

S.  $89^{\circ}56'W.$ , on true line bet. secs. 8 and 17.

Ascend over E. break of mesa through short undergrowth.

- 13.75 Top of ledge, 30 ft. high and E. rim of mesa or bench, 350 ft. above sec. cor., bears NE. and SW.; thence over rolling ground gradually ascending.

- 40.03 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of

Subdivision of T.42 S., R.13 E.

Chains

stone for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S8}{S17}$   
1924

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

63.70 Enter broken ground, bears N. and S.

73.25 Bottom of small gulch, drains NE.

80.06 The cor. of secs. 7, 8, 17 and 18.

Land, rolling bench and rough ledgy breaks; general NE. exposure and drainage.

Soil, rocky of sandstone formation and sandy clay; 4th. rate.

No timber.

Undergrowth, black brush and mountain rush.

Fair grazing.

N.  $89^{\circ}54'W.$ , on a random line bet. secs. 7 and 18.

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

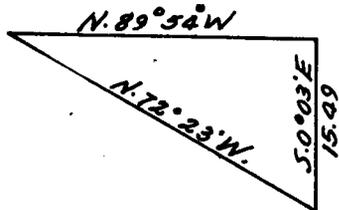
The line west ascends break of mesa up which I cannot chain; to determine the distance to top of mesa I triangulate as follows:

From the cor. of secs. 7, 8, 17 and 18, set flag N.  $89^{\circ}54'W.$

on top of mesa, then, measure a base line S.  $0^{\circ}03'E.$ , 15.49

chs. distant. From the S. end of

the base the flag on top of mesa bears N.  $72^{\circ}23'W.$  All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 49.04 chs.

49.04 To top of mesa; continue on random line N.  $89^{\circ}54'W.$

77.52 Intersect W. bdy. of the Tp. 7 lks. N. of the cor. of secs. 7, 12, 13 and 18 heretofore described.

Thence

S.  $89^{\circ}57'E.$ , on true line bet. secs. 7 and 18.

Gradually ascend over gentle NW. slope of mesa locally

Subdivision of T.42 S., R.13 E.

Chains

called "No Man's Land"; through scattering scrub timber and short undergrowth.

- 23.80 Ascend abruptly over ledge, projects NE/
- 26.15 Top of ledge, 90 ft. above base, bears NE. and SW.; descend.
- 28.48 Top of ledge about 200 ft. high and E. brink of mesa or No Man's Land, bears N. and S.; leave timber, thence by triangulation.
- 37.52 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ \hline S7 \\ S18 \\ 1924 \end{array}$$

Other accessories impracticable.

- Continue abrupt descent of 350 ft. over E. slope to
- 77.52 The cor. of secs. 7,8,17 and 18. Land, W. 28.48 chs. rolling top of mesa; remainder of mile precipitous E. break of same. Soil, mostly rock of sandstone formation with some loose sand on mesa and blue clay on breaks. Timber, scrub cedar and pinon on W.28,48 chs. Undergrowth, black brush, rabbit brush and mountain rush. Fair grazing on mesa.

---

N.0°03'W., bet. secs. 7 and 8.

Over rough broken bench land sloping NE., through short undergrowth.

- 31.00 Wash, 20 lks. wide, 5 ft. deep, drains NE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in a large mound of stone over a cross (X) cut in surface rock for  $\frac{1}{4}$  sec. cor. with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S7 \quad | \quad S8 \\ 1924 \end{array}$$

Other accessories impracticable.

Subdivision of T.42 S., R.13 E.

80.00

Cor. stands on steep E. slope, 170 ft. below sec. cor.  
 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in  
 the ground on solid rock and 18 ins. in a mound of  
 stone for cor. of secs. 5, 6, 7 and 8, with brass cap  
 marked

T42S	R13E
S6	S5
S7	S8
1924	

Deposit a stone, 16x10x8 ins. marked with a cross (X) on  
 one face at base of monument.

Land, broken bench; general NE. exposure and drainage.

Soil, rocky of sandstone formation and shallow sand.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Fair grazing.

N.89°56'E., on a random line bet. secs. 5 and 8.

40.00

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

The line east crosses a deep gulch and ascends vertical  
 wall of bench up which it is impracticable to chain,  
 therefore, I return to a point at 31.70 chs. on the  
 random line and make the following triangulation:

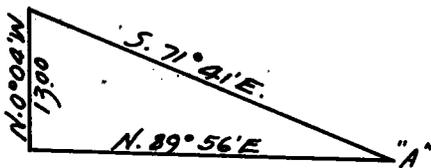
From the 31.70 chs. point

set flag "A", N.89°56'E.

on top of ledge and bench,

then measure a base line

N.0°04'W., 13.00 chs.



distant. From the N. end of

the base flag "A" bears S.71°41'E. All bearings taken  
 by direct reading of the solar and angles checked by  
 deflection.

Distance by triangulation = 39.12 chs. which added to  
 31.70 chs. makes

70.82

To point of triangulation on brink of bench.

80.16

Intersect N. and S. line 2 lks. N. of the cor. of secs.  
 4, 5, 8 and 9.

Subdivision of T.42 S., R.13 E.

Chains

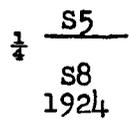
Thence

S.89°57'W., on true line bet. secs. 5 and 8.

Over rough, rocky, N. point of bench through short undergrowth.

9.34 Point of triangulation on top of ledge, 60 ft. high and brink of bench, bears NE. and SW.; thence by triangulation over ledge and across deep gulch.

40.08 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for 1/4 sec. cor., with brass cap marked



Other accessories impracticable.

48.46 Point of triangulation and top of ledge 45 ft. high on brink of bench, bears N. and S.; thence over gently rolling bench.

80.16 The cor. of secs. 5,6,7 and 8. Land, rolling and broken bench and rough breaks; general N. exposure and drainage.

Soil, rocky of sandstone formation and shallow sand; 4th. rate.

No timber.

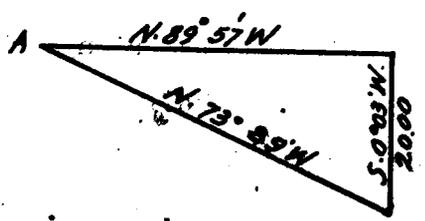
Undergrowth, black brush, mountain rush and rabbit brush. Fair grazing.

N.89°57'W., on a random line bet. secs. 6 and 7.

40.00 Set temp. 1/4 sec. cor.

The line west ascends break of mesa up which it is impossible to chain, therefore, I triangulate to the top as follows:

From the cor. of secs. 5,6,7 and 8 set flag "A" on top of mesa, N.89°57' W.; then measure a base line S.0°03'W., 20.00



Subdivision of T.42 S., R.13 E.

chs. distant. From the S. end of the base flag "A" bears N.73°59'W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 68.39 chs.

68.39 To point of triangulation and flag "A".

77.45 Intersect W. bdy. of the Tp. 3 lks. S. of the cor. of secs. 1,6,7 and 12 heretofore described.

Thence

S.89°56'E., on true line bet. secs. 6 and 7.

Over rolling top of mesa locally called "No Man's Land", through scattering scrub timber and short undergrowth.

9.06 Top of ledge, 200 ft. high and brink of mesa, bears N. 20°W. and S.20°E.; leave timber, thence by triangulation, over precipitous break of mesa.

37.45 Set an iron post, 3 ft. long, 1 in. in dia., 2 ins. in the ground and 28 ins. in a mound of stone over a cross (X) cut in surface rock for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S6}{S7}$   
1924

Other accessories impracticable.

Cor. stands on rugged E. slope of mesa about 600 ft. below top.

Continue descent over broken E. slope.

77.45 The cor. of secs. 5,6,7 and 8, 320 ft. below  $\frac{1}{4}$  sec. cor. Land, W. 9.05 chs. rolling top of mesa; remainder of mile rugged E. slope of mesa.

Soil, rocky of sandstone formation with shallow sand on mesa and blue and brown clay on slope.

Timber, scattering scrub cedar and pinon on W. 9.05 chs.

Undergrowth, scattering black brush, rabbit brush and mountain rush.

Poor grazing.

N.0°15'E., on a random line bet. secs. 5 and 6.

**Subdivision of T.42 S., R.13 E.**

Chains

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.40 Intersect N. bdy. of the Tp. 12 lks. E. of the cor. of secs. 4, 6, 31 and 32 heretofore described.

Thence

S.0°10'W., on true line bet. secs. 5 and 6.

Over gently rolling bench land through short undergrowth

47.40 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for  $\frac{1}{2}$  sec. cor. with brass cap marked

$$\begin{array}{c} \frac{1}{2} \\ 36 \mid 35 \\ 1924 \end{array}$$

Deposit a stone, 6x4x2 ins., marked with a cross (X) on one face at base of monument.

77.40 Descend abruptly 150 ft. to sec. cor.

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

Land, rolling bench; general NE. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 4th. rate.

No timber.

Undergrowth, black brush, rabbit brush and mountain rush.

Fair grazing.

**BOUNDARIES OF T.42 S., R.13 E.**

Latitudes, departures and closing errors.

Lines designated	True bearing	Dist-ances.	Latitudes		Departures	
			N	S	E	W
		chs	chs	chs	chs	chs
v. bdy. T.42 S. R.13 E.	South	480.07	.....	480.07	.....	.....
E. bdy. "	East	479.04	.....	.....	479.04	.....
W. bdy. "	North	479.99	479.99	.....	.....	.....
N. bdy. "	West	477.82	.....	.....	.....	477.82
Convergence			.....	.....	.....	.....
Totals			479.99	480.07	479.04	477.82
Error in latitude				479.99		477.82
Error in departure						.55

General Description

The land embraced in this township is very rough and broken with high mesas found in the western and northeastern portions. The entire township is drained by Copper Canyon which enters the township on the south boundary of sec. 34 and drains in a northerly direction leaving the township in sec. 5. The elevation of the township ranges from about 5000 ft. above sea level in Copper Canyon to about 6500 ft. on the mesas.

The soil is sandy, of sandstone formation on the mesas and hard, dry clay with the surface strewn with sandstone boulders on the slopes and may be classed as 3rd. and 4th. rates.

Scattering scrub juniper timber is found on the mesas, and a scattering growth of blackbrush, amole plant, and mountain rush is found on the slopes and in the valleys.

Water is scarce in the township, there being two seeps found in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 9 and in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 27. There is also a small seep in the Nw $\frac{1}{4}$  sec. 9.

A wagon road from Crammer Trading Post enters the township in sec. 24 and bears in a northwesterly direction to Copper Canyon, thence along the channel of Copper Canyon, to the San Juan River, leaving the township in sec. 5.

We did not note any indications of mineral in the township.

There are no settlers living in the township.

This township is best adapted for winter or early spring grazing for sheep and cattle.

No magnetic declination was taken on account of defective needles.

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**Page**

BOOK A-485

4 880

FIELD ASSISTANTS.

NAMES

CAPACITY

Walter Wartsbaugh

1st. Chairman

Charles Sleeper

Chairman

Harry Snyder

Chairman

Wanda Windbourne

Chairman

W. Powell

Flagman

W. Knowles

Cornerman

CERTIFICATE OF UNITED STATES SURVEYORS

Chas. F. Moore  
Robert C. Yundt  
We I, Willis W. Bandy, U. S. Surveyors hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 24 day of September, 1923, I have well, faithfully, and

in <sup>our</sup> ~~my~~ own proper person, <sup>s</sup> and in strict conformity with said instructions, the Manual of Surveying In-

tions, and the laws of the United States, surveyed all those parts or portions of Survey of North

South, and West Boundaries and Subdivision of T. 42 S., R. 13 E.

of the Salt Lake Base

and Meridian, in the State of Utah, which are represented and date diagram

the foregoing field notes as having been executed by <sup>us</sup> ~~me~~, and under <sup>our</sup> ~~my~~ direction; and that all the corners

said survey have been established and perpetuated in strict accordance with the Manual of Surveying In-

tions, and the special written instructions of the U. S. Surveyor General for Utah

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

of such survey. Certified to at. *Flagstaff, Ariz. June 12, 1925 - Chas. F. Moore*

*Salt Lake City, Utah, June 22, 1925 - Robert C. Yundt* U. S. Surveyor

*Salt Lake City, May 28, 1925 - Willis W. Bandy* U. S. Surveyor

APPROVAL.

Supervisor of Surveys  
OFFICE OF THE UNITED STATES ~~Surveyor General~~

Denver, Colorado. May 14, 1927

The foregoing field notes of the survey of north, south and west boundaries

and subdivision of T. 42 S., R. 13 E., S. L. B. & M.,

executed by Chas. F. Moore, Robert C. Yundt and Willis W. Bandy, U. S. Surveyors,

under ~~his~~ special instructions dated September 24, 1923, 191, having

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

they describe, are hereby approved.

*Wm. H. Johnson*  
U. S. Supervisor of Surveys ~~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.

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BOOK A-485 'B'

# FIELD NOTES

RE  
OF THE SURVEY OF THE

UTAH-ARIZONA STATE BOUNDARY LINE

FROM THE

195th MILE POST TO THE 201st MILE POST;

AND

SURVEY OF THE WEST BOUNDARY AND SUBDIVISION

OF

TOWNSHIP 43 SOUTH, RANGE 13 EAST

Of the SALT LAKE BASE AND Meridian,

of the State of U T A H

EXECUTED BY

Chas. F. Moore and Robert C. Yundt

in the capacity of U.S. Surveyors, under instructions dated September 24, 1923,

and by the United States Surveyor General to govern surveys included in

Department No. 153, which were approved by the Commissioner of the General Land

Office, October 4, 1923, 191, pursuant to authority contained in the Act of  
Assignment instructions dated September 27, 1924.

and 191, pursuant to authority contained in the Act of  
Assignment instructions dated November 8, 1924.

Survey commenced November 1, 1924, 191

Survey completed December 20, 1924, 191

BOOK A-485

# INDEX DIAGRAM.

Township 43 South, Range 13 East.

15	6	73	5	58	4	46	8	35	2	23	1
	75		74		60		47		37		24
16	7	78	8	60	9	48	10	38	11	25	12
	78		77		62		49		39		26
18	18	79	17	63	16	50	15	39	14	26	13
	81		80		65		51		40		27
19	19	82	20	67	21	51	22	41	28	29	24
	84		83		68		52		42		31
20	20	84	29	69	28	53	27	43	26	32	25
	86		86		70		54		44		33
22	21	87	32	72	33	56	34	44	35	34	36
	5		6		7		8		9		14

195 MP

196MP

197MP

198MP

199MP

200MP

201

Date Diagram of T. 43 S., R. 13 E.

12-15-24	6 12-15-24	12-8-24	5 11-17-24	11-17-24	4 11-17-24	11-15-24	3 11-15-24	11-10-24	2 11-3-24	1 11-1-24
12-15-24	7 12-16-24	12-11-24	8 12-11-24	12-9-24	9 12-12-24	11-15-24	10 11-18-24	11-10-24	11 11-10-24	12 11-3-24
12-16-24	18 12-17-24	12-15-24	17 12-15-24	12-12-24	16 12-15-24	11-19-24	15 11-19-24	11-11-24	14 11-11-24	13 11-5-24
12-17-24	19 12-18-24	12-16-24	20 12-16-24	12-13-24	21 11-18-24	11-19-24	22 11-18-24	11-13-24	23 11-13-24	24 11-11-24
12-18-24	30 12-18-24	12-18-24	29 12-18-24	12-17-24	28 11-18-24	11-20-24	27 11-18-24	11-13-24	26 11-14-24	25 11-12-24
12-19-24	31 12-19-24	12-18-24	32 12-19-24	12-17-24	33 12-19-24	11-20-24	34 11-20-24	11-14-24	35 11-21-24	36 11-11-24
	196M	12-20-24	197M	12-20-24	198M	12-20-24	199M	11-22-24	200M	11-22-24
										201M

All lines colored in black, were surveyed by

Chas. F. Moore, U.S. Surveyor.

All lines colored in red, were surveyed by

Robert C. Yundt, U.S. Surveyor.

Survey commenced November 1, 1924, and executed with Young and Son's transit No. 8544, used by Chas. F. Moore, U.S. Surveyor, and Buff and Buff light mount transit No. 8028 used by Robert C. Yundt, U.S. Surveyor.

The instruments were approved for use on this survey, by the Assistant Supervisor of Surveys, for district No. 6, conditional upon satisfactory field tests, in assignment instructions dated September 27, 1924, and supplemental assignment instructions, dated November 8, 1924.

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circles.

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

November 4, 1924: At our camp, located in the NE. quarter of sec. 9, T. 42 S., R. 13 E., S.L.B. & Mer., Utah; in approximate latitude  $37^{\circ}10'$  N.; longitude  $110^{\circ}32'$  W., at 4h 39m a.m. local mean time, with instrument No. 8544, we observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a stake driven firmly in the ground, 10 chains. N.

We lay off the azimuth of Polaris,  $1^{\circ}22'45''$  to the E., and mark the meridian thus determined by a tack in a stake, driven firmly in the ground, 10 chains. N.

At 9h 30m a.m. apparent time, with the instruments in the meridian, we set off  $37^{\circ}10'$  N., on the latitude arcs;  $15^{\circ}25'$  S., on the declination arcs; and determine a meridian with the solars, which we find to agree with the true meridian.

At apparent noon, with instrument No. 8544, we make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb, and the transit of the sun's west limb; reversing the telescope, and observing simultaneously, the altitude of the sun's lower limb, and the transit of the sun's east limb.

Mean observed altitude=	$37^{\circ} 22' 45''$
Reduced latitude=	$37^{\circ}10'$ N.
Mean watch time of observation=	11h 40m 35s a.m.
Watch slow of local mean time=	0h 3m 3s

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be  $15^{\circ}27'$  S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off  $15^{\circ}29'$  S. on the declination arcs; and determine a meridian with the solars, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observations made on Polaris.

Near the completion of the survey of this township, we make a final test of the instruments as follows.

December 18, 1924: With the instruments in the meridian established by observations made on Polaris as hereto-

fore described; at 9h 30m a.m. apparent time, we set off  $37^{\circ}10'$  N., on the latitude arcs;  $23^{\circ}23'$  S., on the declination arcs; and determine a meridian with the solars, which we find to agree with the true meridian. At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be  $23^{\circ}23'$  S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off  $23^{\circ}21'$  S., on the declination arcs; and determine meridian with the solars, which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian we conclude that the instruments are still in good adjustment.

#### Measurements.

Unless otherwise specified, all measurements are made with Lallie steel tapes 5 chains in length, compared with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Resurvey of The Utah-Arizona State Boundary Line.

From the 195th mile post of the Utah-Arizona State Boundary line, which is a sandstone, 24 x 20 x 8 ins., above a mound of stone, firmly set, marked UTAH on N. face, 195.2M on W. face, and ARIZ 37 N.L. on S. face, and witnessed by a mound of stone, 3 ft. base, 2 ft. high, to the E. of mile post.

East, on retracement line along the 196th mile of the Utah-Arizona state boundary line.

81.88 Fall 12 lks. S. of the 196th mile post, which is a sandstone, 16 x 12 x 6 ins., firmly set in a mound of stone, marked UTAH on N. face, 37 N.L. on E. face, ARIZ. on S. face, and 196.2M on W. face, and unwitnessed. The bearing of this mile therefore is, N.  $89^{\circ}55'$  E., and the distance is 81.88 chs.

Thence,

From the 195th mile post, which is N.  $89^{\circ}57'E.$ , 50 lks. from the closing cor. of T. 43 S., Rs. 12 and 13 E. N.  $89^{\circ}55'$  E., on resurvey line along the 196 mile of the Utah-Arizona state boundary line.

Over broken sandstone ledges through scattering undergrowth and timber.

6.10 Top of rimrock, 60 ft. high, bears N.  $80^{\circ}$  E. and S.  $80^{\circ}$  W.; thence along broken N. breaks of canyon which drains S.  $80^{\circ}$  W.

24.80 Top of sandstone spur, 70 ft. high, projects SE.; continue along broken N. breaks of canyon.

37.91 In broken N. breaks of canyon, 300 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. of sec. 31 only, with brass cap marked.

$\frac{1}{4}$  S31  
WC

1924

Deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked with a cross (X). No bearing trees available.

Resurvey of The Utah-Arizona State Boundary Line.

Chains	
38.00	Westing of 40.00 chs. from the closing cor. of secs. 31 and 32: Point falls on steep slope of surfacerock where it is impossible to set a permanent cor.
67.00	Bottom of canyon, 160 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor., drains SW.; ascend abruptly over broken S. breaks of canyon.
78.00	Point for the closing cor. of secs. 31 and 32, hereinafter described.
81.88	The 196.2 mile post, 160 ft. above canyon, on top of rock bears N. 80° E. and S. 80° W. Land, broken sandstone ledges, with a general northerly and southerly exposure and a general southwesterly drainage. Soil, shallow loose sand and rock; 4th rate. Undergrowth, scattering shadscale and blackbrush. Timber, a few scattering scrub juniper and pinon. Fair grazing.
<hr/> East, on retracement line along the 197 mile of the Utah-Arizona state boundary line.	
60.51	Fall 11 lks. S. of the 197th mile post of the Utah-Arizona state boundary line, which is a sandstone, 12 x 8 x 8 ins., above ground, firmly set, marked UTAH on N. face, 37 N.L. on E. face, ARIZ. on S. face and 197 M on W. face, and witnessed by dim pits to the N., S., E. and W. of post. The bearing of this mile therefore is, N. 89° 54' E., and the distance is 60.51 chs.
Thence, From the 196th mile post. N. 89° 54' E., on resurvey line along the 197th mile of the Utah-Arizona state boundary line.	
Over rolling top of mesa through scattering undergrowth and timber.	
36.22 $\frac{1}{2}$	Point midway bet. the closing cor. of secs. 31 and 32, and the closing cor. of secs. 32 and 33.

Resurvey of the Utah-Arizona State Boundary Line.

chains.

23.80

Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bed-rock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 32 only, with brass cap marked

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

1924

from which

A pinon, 3 ins. diam., bears N. 44° E. 160 lks. dist., marked ET

A pinon, 8 ins. diam., bears N. 59° W. 109 lks. dist., marked  $\frac{1}{4}$  S32 ET

60.51

The 197th mile post of the Utah-Arizona state boundary line.

Land, rolling top of mesa.

Soil, shallow, loose sand; 3d rate.

Undergrowth, scattering shadscale and black brush.

Timber, scattering scrub juniper and pinon.

Fair grazing.

As the 198th mile corner of the Utah-Arizona state boundary line, established at 198.129, is visible from the 197th mile corner; thence S. 69° 54' E. on resurvey line along the 198th mile, of the Utah-Arizona state boundary line.

Over rolling top of mesa; through scattering undergrowth and timber.

1.10

Old Indian trail, bears N. and S.

16.85

Point for closing corner of Secs. 32 and 33, hereinafter described,

39.00

Top of rim-rock, 75 ft. high, which forms the top of the west breaks of the West Fork of Copper Canyon, bears NE. and SW. Descend abruptly, over broken west breaks of canyon.

59.24

In broken west breaks of the West Fork of Copper Canyon, 150 ft. below top; point midway between the closing cor.

Resurvey of the Utah-Arizona State Boundary Line.

Chains.

of Secs.32 and 33 and the closing corner of Secs.33 and 34.

Set an iron post, 3 ft.long, 1 in.diam., 18 ins.in the ground to bed-rock, and in a large mound of stone, 1/4 sec.cor. Sec.33 only, with brass cap marked

1/4 S 33

1924

from which

A pinon 3 ins.diam. bears N. 71° 30' E . 30 lks dist., marked BT

No other suitable bearing trees available.

95.87

The 198 mile corner of the Utah-Arizona state boundary line, which is a sandstone 18 x 10 x 6 ins. above ground, firmly set, marked UTAH on N.face, 37 N.L.on face, ARIZ on S.face, and 198.129M on W.face, and witnessed by a mound of stone 5 ft.base, 3 ft.high E of corner.

Land, broken ledges and rolling top of mesa, with a general southeasterly exposure and drainage.

Soil, shallow, loose sand and rock; 3d rate.

Undergrowth, scattering shadscale and black brush.

Timber, scattering scrub juniper and pinon.

Fair grazing.

East on retracement line along the 199th mile of the Utah-Arizona state boundary.

4.47

Point for closing corner of Secs.33 and 34, herein- after described.

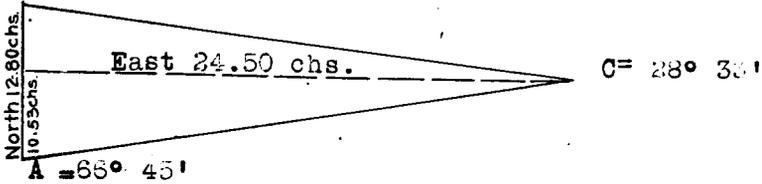
As the inaccessible E.breaks of the West Fork of Copper Canyon make chaining to the east of this point impracticable, I determine the distance by triangulation as follows: Erect flag "A" at this point, and measure base line "AB" north 12.80 chs. dist., and erect flag "B". From flag "B", erect flag "C" to the east

Resurvey of the Utah-Arizona State Boundary Line.

Chains.

at top of E. breaks of canyon. From flag "C" flag "A" bears S. 66° 45' W. and flag "B" bears N. 84° 42' W. All bearings checked by direct reading of the solar, and all angles checked by deflection.

B = 84° 42'



Distance by triangulation = an easting of 24.50 chs. and a northing of 10.53 chs.

Distance on line = 4.47 chs. plus 24.50 chs. = 28.97 chs.

28.97 To point "C" of triangulation and a point North 10.53 chs. from true line. It being impossible to return to true line from this point on account of high ledges, I continue East on offset line.

31.77 Left point for triangulation.

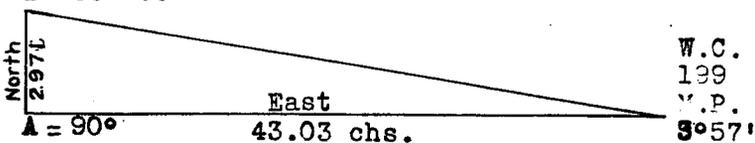
38.31 Offset south to true line, thence east on true line.

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

High ledges make chaining on line to the east of this point impracticable, I therefore return to the 31.77 chs. point left on offset line, and proceed by triangulation as follows: From 31.77 chs. point the W.C. 199 mile corner bears east. Erect flag "A" at this point and measure base line "AB" North 2.971 chs., from which point the W.C. 199 mile cor. of the Utah-Arizona state boundary line, (which is North 10.00 chs. and East 4.55 chs. from its true position) subtends an angle of 86° 03'. Impossible to obtain a longer base line on account of high ledges.

All angles checked by deflection and all bearings checked by direct reading of the solar.

B = 86° 03'



Resurvey of the Utah-Arizona State Boundary Line.

Chains.	Distance on offset line	31.77 chs.
	Distance by triangulation	43.03 chs.
		74.80 chs.
74.80	To point of triangulation at the witness corner to the 199th mile post of the Utah-Arizona state boundary line, which is a sandstone 10 x 10 x 6 ins. firmly set, marked W C UTAH on N.face, 37 N L on E.face ARIZ on S.face, and 199.056M on W.face, and witness by a mound of stone 5½ ft.base, 2½ ft.high E.of cor. The bearing of the line from the 198th mile post to the true point for the 199th mile post is, therefore N. 89° 36' E. and the distance 74.80 chs. Thence from the 198th mile post N. 89° 36' E. on resurvey line along the 199th mile, Over broken ledges, through scattering undergrowth and timber.	
4.47	Point for the closing corner of Secs.33 and 34, herein after described, and point "A" of triangulation. Thence, by triangulation, giving approximate distances to topography on true line.	
10.00	Bottom of West Fork of Copper Canyon, 150 ft.below mile post, drains NW. Ascend broken E.breaks of canyon.	
24.50	Top of E.breaks of canyon, 320 ft. above bottom, bears NW. and SE.	
28.97	To point "C" of triangulation and point on offset line 10.53 chs.north of true line. Thence on offset line N. 89° 36' E .	
38.31	Offset South 10.53 chs.to true line. Thence N. 89° 36' E. 6.07 chs.to	
44.38	Point on true line and point midway between the points for the closing cor.of Secs.33 and 34 and the closing	

Resurvey of The Utah-Arizona State Boundary Line.

cor. of secs. 34 and 35; on sandstone surfacerock,  
mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor. sec.  
34 only, with brass cap marked.

$\frac{1}{4}$  S34

1924

From which,

A pinon, 8 ins. diam., bears N. 18° E., 100 lks.  
dist., marked  $\frac{1}{4}$  S34 BT.

A pinon, 6 ins. diam., bears N. 13°45' W., 184 lks.  
dist., marked BT. Tree too scrubby for other marks.

As inaccessible ledges make chaining to the E. of this  
point impracticable, I return to the 31.77 chs. point,  
on offset line, and continue by triangulation.

74.80 The witness cor. to the 199th mile post of the Utah-  
Arizona state boundary line.

Land, broken by ledges with a general northwesterly  
exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering shadscale and blackbrush.

Timber, scattering scrub juniper and pinon.

Fair grazing.

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From the witness cor. to the 199th mile post of the  
Utah-Arizona state boundary line, which is North,  
10.00 chs. and N. 89°36'E., 4.52 chs. dist. from the  
true point for said mile post.

East, on retracement line along the 200th mile of the  
Utah-Arizona state boundary line.

High broken ledges make it impossible to reach the true  
point for this mile post.

4.29 Ledges make chaining to the east of this point impracticable  
I therefore offset as follows.  
South 2.83 chs.

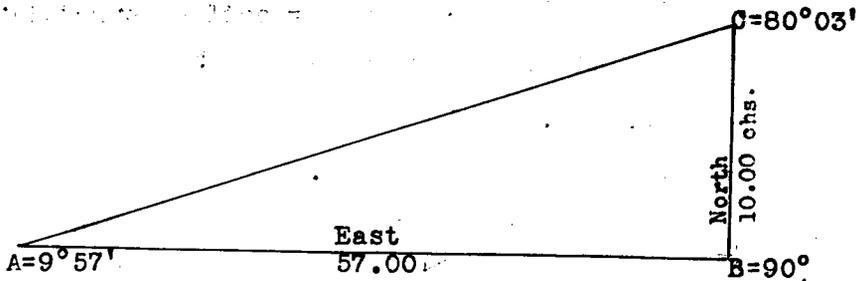
Resurvey of The Utah-Arizona State Boundary Line.

Chains

East, 5.01 chs.  
 South, 3.04 chs.  
 East, 1.57 chs.  
 South, 1.57 chs.  
 East, 1.61 chs.  
 South, 2.56 chs. to:

12.48 Point on true line; thence, East on true line.

18.25 The inaccessible W. breaks of the E. fork of Copper Canyon, makes chaining to the E. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line E. From flag "B", measure base line "BC" North, 10.00 chs. dist., from which point flag "A" bears S. 80°03' W. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	18.25 chs.
Distance by triangulation =	57.00 chs.
	<hr/>
Distance by return measurement =	75.25 chs.
	<hr/>
	49.39 chs.

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

55.09 Fall 46 lks. N. of Astronomical Monument No. 5, which is a sandstone, 36 x 30 x 12 ins., above the ground, firmly set, marked UTAH on N. face, 37 N.L. on E. face, ARIZONA on S. face and 199.75 M. on W. face, witnessed by a mound of stone, 6 ft. base, 2 ft. high, to the E. of monument.

The bearing of this portion of the 200th mile therefore is S. 89°31' E., and the distance is 55.09 chs.

Offset to monument and continue E., with continuous measurement.

75.25 Fall 12 lks. S. of the 200th mile post of the Utah-Arizona state boundary line, which is a sandstone,

Resurvey of the Utah-Arizona State Boundary Line.

Chains.

15 x 10 x 10 ins. above ground, firmly set, marked  
UTAH on N. face, 37 N L on E. face, ARIZ on S. face and  
200 M on W. face, and witnessed by a mound of stone,  
5½ ft. base, 2½ ft. high E. of cor.

The bearing of this portion of the 200th mile is, there-  
fore, N. 89° 49' E. and the distance 20.15 chs.

Thence from the witness corner to the 199th mile corner  
S. 89° 31' E. on offset line along the 200th mile.

Over broken ledges; through scattering undergrowth and  
timber.

4.29 Offset as follows along base of high ledge.

- South 2.83 chs.
- S. 89° 31' E. 5.01 chs.
- South 3.04 chs.
- S. 89° 31' E. 1.57 chs.
- South 1.57 chs.
- S. 89° 31' E. 1.61 chs.
- South 2.56 chs. to

12.48 Point on true line; thence on true line. Unable to  
reach true point for the closing cor. of Secs. 34 and 35  
which is 3.00 chs. N. 89° 31' W.

18.25 To point "A" of triangulation at top of W. breaks of East  
Fork of Copper Canyon, bearing NW, and SE.; thence by  
triangulation.

49.39 Point midway between the points for closing cor. of Secs.  
34 and 35 and the closing cor. of Secs. 35 and 36.

Set an iron post 3 ft. long, 1 in. diam., 10 ins. in the  
ground to bed-rock, and in a large mound of stones,  
for ¼ sec. cor. Sec. 35 only, with brass cap marked

¼ S35

1924

Deposit a sandstone 10 x 6 x 6 ins. at base of post,  
marked with a cross (X)

Thence by direct measurement.

55.09 Astronomical Monument No. 5, already described.

Resurvey of the Utah-Arizona State Boundary Line.

Chains.	Thence N. 89° 40' E., with continuous measurement.
73.30	Bottom of East Fork of Copper Canyon, 900 ft. below the top of west breaks, drains N. Ascend broken E. breaks of canyon.
75.25	To point "B" of triangulation and the 200th mile post of the Utah-Arizona state boundary line, 30 ft. above bottom of canyon. Land, broken sandstone ledges with a general northeasterly exposure and drainage. Soil, shallow loose sand and rock; 4th rate. Undergrowth, scattering shadscale and black brush. Timber, scattering scrub juniper and pinon. Fair grazing.
53.955	East on retracement line along the 201st mile of the Utah-Arizona state boundary line. Set temp. $\frac{1}{4}$ sec. cor.
79.41	Intersect the 201st mile post, which is S. 89° 46' W. 14.45 chs. from the closing cor. of T. 43 S., Rs. 13 and 14 E. For description of the 201st mile post and the closing cor. of T. 43 S., Rs. 13 and 14 E., see the finished field notes of the survey of T. 43 S., R. 14 E.
14.05	Thence from the 200th mile post, East on resurvey line along the 201st mile. Over broken bench land; through scattering undergrowth and timber. Point for closing cor. of Secs. 35 and 36 hereinafter described.
47.00	Wash, 30 lks. wide, 4 ft. deep, drains NW.
53.955	Point midway between the point for the closing cor. of Secs. 35 and 36 and the closing cor. of T. 43 S., Rs. 13 and 14 E. Set an iron post, 3 ft. long, 1 in. diam., 18 in. 18 in.

Resurvey of The Utah-Arizona State Boundary Line.

ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor. sec. 36 only, with brass cap marked.

$\frac{1}{4}$  S36

1924

Deposit a sandstone, 4 x 4 x 2 ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

79.41 The 201st mile post of the Utah-Arizona state boundary line.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, black and rabbit brush.

Timber, scattering scrub juniper and pinon.

Fair grazing.

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Survey of The West Boundary of T. 43 S., R. 13 E.

From the cor. of Ts. 42 and 43 S., Rs. 12 and 13 E., which is an iron post, 3 ins. diam., marked, set, and witnessed as described in the finished notes of the survey of T. 42 S., R. 13 E.

South, bet. secs. 1 and 6, along the W. bdy. of the township.

Over broken W. slope through scattering undergrowth.

23.40 Slope changes from the W. to the S.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S1 | S6

1924

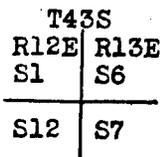
Survey of The West Boundary of T. 43 S., R. 13 E.

Chains

72.30 Enter rolling bench land, bears E. and W.

80.00 On gentle NW. slope.

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



1924

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

South, bet. secs. 7 and 12.

Over rolling bench land through scattering undergrowth.

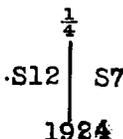
24.80 Ledge, 30 ft. high, bears NW. and SE.

28.00 Wash, 100 lks. wide, 30 ft. deep, drains NW.

30.00 Enter scattering timber, bears E. and W.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which,

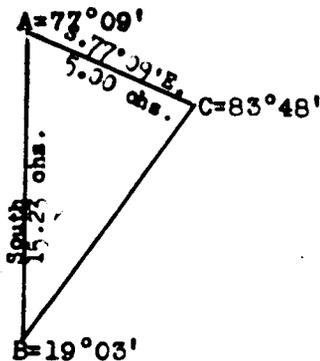
A juniper, 10 ins. diam., bears S.  $82^{\circ}45'$  E., 100 lks dist., marked  $\frac{1}{4}$  S7 BT.

A pinon, 12 ins. diam., bears N.  $21^{\circ}30'$  W., 58 lks. dist., marked  $\frac{1}{4}$  S12 BT.

Survey of The West Boundary of T. 43 S., R. 13 E.

65.00 Ledge, 60 ft. high, bears NW. and SE.

As the inaccessible breaks of a deep canyon make chaining to the S. of this point impracticable, I determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line S. From flag "A", measure base line "AC", S. 77°09' E., 5.00 chs. dist., from which point, flags "AB" subtend an angle of 83°48'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=	65.00 chs.
Distance by triangulation=	15.23 chs.
	<u>80.23 chs.</u>
Distance by return measurement=	.23 chs.
	<u>80.00 chs.</u>

Approximate distances to topography on triangulated distance.

70.00 Bottom of canyon, 80 ft. deep, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 7, 12, 13 and 18, with brass cap marked.

T43S	
R12E	R13E
S12	S7
-----	
S13	S18
1924	

From which,

A pinon, 4 ins. diam., bears N. 60°13' E., 77 lks. dist., marked T43S R13E S7 BT.

A pinon, 4 ins. diam., bears S. 61°45' E., 33 lks. dist., marked T43S R13E S18 BT.

Chains

A pinon, 4 ins. diam., bears S. 1°15' W., 84 lks. dist., marked T43S R12E S13 BT.

A pinon, 3 ins. diam., bears N. 60°30' W., 100 lks. dist., marked T43S R12E S12 BT.

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

Timber, scattering scrub juniper and pinon on S. port of mile.

Fair grazing.

South, bet. secs. 13 and 18.

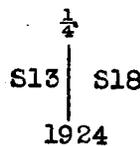
Over rolling and broken land through scattering timber and undergrowth.

30.50 Ledge, 25 ft. high, bears SE. and W.

34.50 Wash, 30 lks. wide, 8 ft. deep, drains SW. Small seep water at base of ledge on left bank of wash.

40.00 On NW. slope of spur, on surfacerock, mark a cross (X) over which.

Set an iron post 3 ft. long, 1 in. diam., in a mound stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which,

A pinon, 4 ins. diam., bears S. 76°30' E., 22 lks. dist., marked  $\frac{1}{4}$  S18 BT.

A pinon, 4 ins. diam., bears S. 55°45' W., 61 lks. dist., marked  $\frac{1}{4}$  S13 BT.

53.80 Spur, 50 ft. high, projects W.

58.30 Ledge, 50 ft. high, bears NW. and SE.

63.40 Gulch, 60 ft. deep, drains NW.

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 Survey of The West Boundary of T. 43 S., R. 13 E.

79.50 Gulch, 20 ft. deep, drains NW.

80.00 On left rim of gulch, 20 ft. high, bears NW. and SE.  
 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in  
 the ground to bedrock and in a large mound of stone,  
 for cor. of secs. 13, 18, 19 and 24, with brass cap  
 marked.

T43S	
R12E	R13E
S13	S18
S24	S19
1924	

From which,

A pinon, 4 ins. diam., bears N. 22°15' E., 36 lks.  
 dist., marked T43S R13E S18 BT.

A juniper, 4 ins. diam., bears S. 32° E., 15 lks.  
 dist., marked T43S R13E S19 BT.

A pinon, 4 ins. diam., bears S. 19°30' W., 74 lks.  
 dist., marked T43S R12E S24 BT.

A pinon, 4 ins. diam., bears N. 17° W., 164 lks.  
 dist., marked T43S R12E S13 BT.

Land, broken and rolling with a general northwesterly  
 exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and  
 blackbrush.

Timber, scattering scrub juniper and pinon.

Fair grazing.

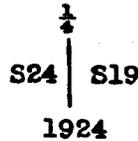
South, bet. secs. 19 and 24.

Over broken bench land through scattering undergrowth  
 and timber.

40.00 On NW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in  
 the ground to bedrock and in a large mound of stone, for  
 ¼ sec. cor., with brass cap marked.

Chains



From which,

A pinon, 4 ins. diam., bears S. 73°45' E., 99 lks. dist., marked  $\frac{1}{2}$  S19 BT.

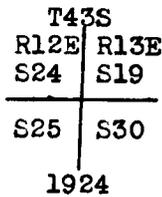
A pinon, 4 ins. diam., bears S. 21°15' W., 95 lks. dist., marked  $\frac{1}{2}$  S24 BT.

42.85 Ledge, 50 ft. high, bears E. and W.

63.00 Draw, 50 ft. deep, drains NW.

80.00 On spur, 50 ft. high, projects NW.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 19, 24, 25 and 30, with brass cap



From which,

A juniper, 5 ins. diam., bears N. 3 30' E., 405 lks. dist., marked T43S R13E S19 BT.

No other suitable bearing trees available.

Land, broken, with general northwesterly exposure and drainage.

Soil, shallow loose sand and rock.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

Timber, scattering scrub juniper and pinon.

Fair grazing.

South, bet. secs. 25 and 30.

Over rolling land through scattering undergrowth and timber.

35.00 Land becomes broken, bears E. and W.

40.00 On broken S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in th

ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$	
S25	S30
1924	

From which,

A pinon, 5 ins. diam., bears S.  $18^{\circ}30'$  E., 12 lks. dist., marked  $\frac{1}{4}$  S30 BT.

A pinon, 4 ins. diam., bears S.  $47^{\circ}45'$  W., 51 lks. dist., marked  $\frac{1}{4}$  S25 BT.

80.00 On NW. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.

T43S	
R12E	R13E
S25	S30
S36	S31
1924	

From which,

A pinon, 12 ins. diam., bears N.  $42^{\circ}30'$  E., 52 lks. dist., marked T43S R13E S30 BT.

A pinon, 4 ins. diam., bears S.  $82^{\circ}30'$  E., 150 lks. dist., marked T43S R13E S31 BT.

A pinon, 8 ins. diam., bears S.  $31^{\circ}15'$  W., 22 lks. dist., marked T43S R12E S36 BT.

A pinon, 4 ins. diam., bears N.  $57^{\circ}45'$  W., 83 lks. dist., marked T43S R12E S25 BT.

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

Timber, scattering scrub juniper and pinon.

Fair grazing.

Chains

South, bet. secs. 31 and 36.

Over rolling land through scattering undergrowth and timber.

30.00 Land becomes broken, bears E. and W.

40.00 On S. slope of surfacerock, mark a cross (X), over which  
Set an iron post, 3 ft. long, 1 in. diam., in a mound  
of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor.,  
with brass cap marked.

$\frac{1}{4}$   
S36 | S31  
1924

From which,

A pinon, 4 ins. diam., bears N. 37°30' E., 62 lks.  
dist., marked  $\frac{1}{4}$  S31 BT.

A pinon, 5 ins. diam., bears N. 7°45' W., 58 lks.  
dist., marked  $\frac{1}{4}$  S36 BT.

49.11 Intersect the Utah-Arizona state boundary line, S 89°5'  
50 lks. dist. from the 195 $\frac{1}{2}$  mile post, which is  
heretofore described.

At point of intersection; on surfacerock, mark a cross  
(X), over which.

Set an iron post, 3 ft. long, 3 ins. diam., in a mound  
of stone, 4 ft. base, 3 ft. high, for closing cor. of  
T. 43 S., Rs. 12 and 13 E., with brass cap marked

U  
CC  
T43S  
R12E | R13E  
S36 | S31

A

1924

From which,

A juniper, 6 ins. diam., bears N. 89°45' E., 131 lks.  
dist., marked T43S R13E S31 CC BT.

A pinon, 4 ins. diam., bears N. 67°14' W., 139 lks.  
dist., marked T43S R12E S36 CC BT.

Land, rolling and broken, with a general northwesterly  
exposure and drainage.

Survey of The West Boundary of T. 43 S., R. 13 E.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,  
and blackbrush.

Timber, scattering scrub juniper and pinon.

Fair grazing.

Subdivision of T. 43 S., R. 13 E.

From the cor. of secs. 1, 2, 35 and 36, on the N. bdy.  
of the township, which is an iron post, 2 ins. diam.,  
set, marked and witnessed as described in the finished  
notes of the survey of T. 42 S., R. 13 E.

S. 0°01' E., bet. secs. 1 and 2.

Ascend gradually over broken land through scattering  
undergrowth.

18.40 Base of abrupt ascent over broken E. slope of high  
sandstone butte, bears E. and W.

40.00 On broken E. slope of butte, 340 ft. above the sec. cor.  
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the  
ground to bedrock and in a large mound of stone, for  
 $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S2 | S1  
1924

From which,

A point on a large boulder, marked S2 X B0, bears  
N. 46° W., 8 lks. dist.

43.70 Spur, 60 ft. above the  $\frac{1}{4}$  sec. cor., projects SE.; descend  
abrupt SW. slope.

66.80 Wash, 40 lks. wide, 8 ft. deep, in draw, 340 ft. below  
spur, drains NW.; thence over rolling land.

80.00 On surfacerock, mark a cross (X), over which.  
Set an iron post, 3 ft. long, 2 ins. diam., in a mound  
of stone, 4 ft. base, 3 ft. high, for cor. of secs.  
1, 2, 11 and 12, with brass cap marked.

Chains

T43S	R13E
S2	S1
S11	S12

1924

From which,

A point on ledge, marked S2 X B0, bears N. 12° W.,  
18 lks. dist.

Land, broken and rolling with a general easterly  
exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, blackbrush and  
mountain rush.

No timber,

Fair grazing.

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

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

80.00 Intersect the E. bdy. of the township, 37 lks. N. of  
cor. of secs. 1, 6, 7 and 12, which is an iron post,  
2 ins. diam., marked, set and witnessed as described  
in the finished notes of the survey of T. 43 S., R.  
14 E.

Thence,

N. 89°44' W., on true line bet. secs. 1 and 12.

Over broken land through scattering undergrowth.

40.00 In bottom of small draw, drains NW.; on surfacerock,  
mark a cross (X), over which.

Set an iron post, 3 ft. long; 1 in. diam., in a mound  
of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor.,  
with brass cap marked.

$\frac{1}{4}$	S1
	S12

1924

45.00 Wash, 60 lks. wide, 12 ft. deep, drains NW.

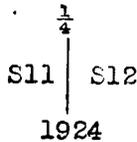
70.00 Wash, 50 lks. wide, 8 ft. deep, in bottom of draw, dra  
NW.

30.00'

The cor. of secs. 1, 2, 11 and 12.  
 Land, broken, with general northwesterly exposure and drainage.  
 Soil, shallow loose sand and rock; 3rd rate.  
 Undergrowth, scattering amole plant, mountain rush and blackbrush.  
 No timber.  
 Fair grazing.

40.00

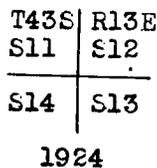
S. 0°01' E.; bet. secs. 11 and 12.  
 Over broken land through scattering undergrowth.  
 On broken land, 110 ft. above the sec. cor.  
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



Deposit a sandstone, 6 x 4 x 3 ins., at base of post, marked with a cross (X).

80.00

On surfacerock, 80 ft. above the  $\frac{1}{4}$  sec. cor.; mark a cross (X), over which.  
 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 11, 12, 13 and 14, with brass cap marked.

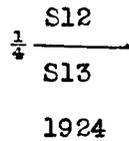


Land, broken, with a general northwesterly exposure and drainage.  
 Soil, shallow loose sand and rock.  
 Undergrowth, scattering amole plant, mountain rush and blackbrush.  
 No timber.  
 Fair grazing.

Subdivision of T. 43 S., R. 13 E.

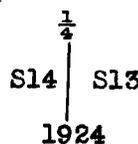
Chains

- S. 89°44' E., on random line bet. secs. 12 and 13.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.98 Intersect the E. bdy. of the township, 21 lks. S. of true point for the cor. of secs. 7, 12, 13 and 18, which is set 32 lks. S. of its true position and which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey of T. 43 S., R. 14 E.
- Thence, from the true point for cor. secs. 7, 12, 13 and 18 N. 89°53' W., on true line bet. secs. 12 and 13. Over broken land through scattering undergrowth.
- 23.10 Wash, 30 lks. wide, 10 ft. deep, drains NW.
- 39.99 On surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



- 79.98 The cor. of secs. 11, 12, 13 and 14. Land, broken, with a general northwesterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattering amole plant, mountain rush and blackbrush. No timber. Fair grazing.

- S. 0°01' E., bet. secs. 13 and 14. Over broken land through scattering undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



Subdivision of T. 45 S., R. 13 E.

72.84

Deposit a sandstone, 10 x 9 x 8 ins., at base of post, marked with a cross (X).

48.70

Wash, .30 lks. wide, 10 ft. deep, drains NW.

48.50

Wash, 30 lks. wide, 10 ft. deep, drains NW.

58.00

Same wash as last, drains NE.

72.84

At top of ledge, 200 ft. high, bears E. and W.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. of secs. 13, 14, 23 and 24, with brass cap marked.

T43S	R13E
S14	S13
S23	S24
W	C
1924	

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

80.00

The true point for the cor. of secs. 13, 14, 23 and 24, falls in inaccessible ledges where it is impracticable to reach the cor. point.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

It being impossible to project a line to the E. from the true point for the cor. of secs. 13, 14, 23 and 24, I commence at a point, N. 0°01' W., 9.55 chs. dist. from true point for cor. of said secs. thence,

S. 89°53' E., on random offset line bet. secs. 13 and 24.

40.00

Set temp. witness cor. to the 1/4 sec. cor.

79.86

Fall 16 lks. N. of the witness cor. to the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the township, which is N. 9.55 chs. dist. from true point for said

Subdivision of T. 45 S., R. 13 E.

Chains

secs., and which is an iron post, 2 ins. diam., set marked, and witnessed as described in the finished notes of the survey of T. 45 S., R. 14 E.

Thence,

From the witness cor. to the cor. of secs. 13, 18, 19 and 24..

N. 89°46' W., on offset line bet. secs. 13 and 24, giving distances to topography on offset line.

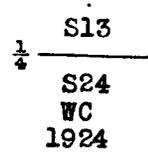
Over broken land through scattering undergrowth.

Note: True line passes over inaccessible N. breaks over which it is impossible to chain or project my line.

39.93 Offset South, 7.13 chs. dist. to a point 2.42 chs. N. of the true point for the 1/4 sec. cor.

At this point at base of small ledge, bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in ground to bedrock and in a large mound of stone, for witness cor. to the 1/4 sec. cor. secs. 13 and 24, with brass cap marked



Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

True point for the 1/4 sec. cor. falls on inaccessible S. face of ledge, where the cor. point cannot be reached

Return to offset line which is 9.55 chs. N. of true line and continue N. 89°46' W., on offset line.

63.40 Spur, 40 ft. high, projects N.

74.20 Wash, 30 lks. wide, 5 ft. deep, drains N.; small seep of alkali water in wash, 30 lks. N. of line.

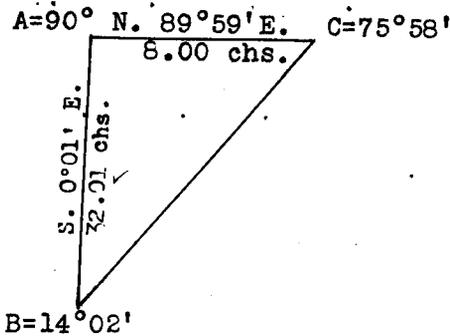
79.86 To point 9.55 chs. N. 0°01' W. from the true point for cor. of secs. 13, 14, 23 and 24, which is S. 0°01' E. 7.16 chs. dist. from witness cor. to said secs.

Land, broken, with a general northwesterly exposure and drainage. Soil, shallow loose sand; 3rd rate. Undergrowth, scattering blackbrush. No timber. Fair grazing

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

Over broken land through scattering undergrowth.

It being impossible to commence at the true point for the cor. of secs. 13, 14, 23 and 24, which is S.  $0^{\circ}01'$  E., 7.16 chs. dist. from the witness cor. to said secs. I commence at said witness cor. and as high inaccessible ledges make chaining to the S. from this cor. impracticable, I determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the S. From flag "A", measure base line "AC", N.  $89^{\circ}59'$  E., 8.00 chs. dist. from which point, flags "AB" subtend an angle of  $75^{\circ}58'$ . All bearings checked by direct reading of the solar and all angles checked by deflection.

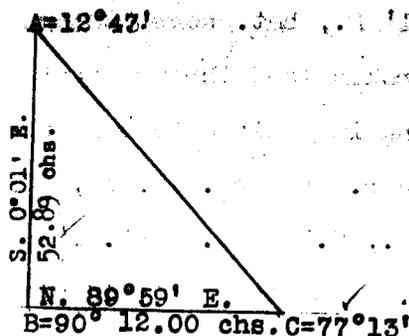


Distance by triangulation=	32.01 chs.
Distance to true point for sec. cor.	7.16 chs.
	<u>24.85 chs.</u>

24.85 To point "B" of triangulation at top of rocky spur, projects SE.

As high ledges make it impossible to project my line or chain to the S. from this point, I offset East 10.00 chs. dist. and determine the distance to the S. from this point by triangulation as follows on offset line. Erect flag "A" at this point and flag "B" on line to the S. From flag "B", measure base line "BC", N.  $89^{\circ}59'$  E., 12.00 chs. dist., from which point, flags "AB" subtend an angle of  $77^{\circ}13'$ . All bearings checked by direct reading of the solar and all angles checked by deflection.

Chains



Distance by line = 24.85 chs. Distance by triangulation  
 52.89 chs. plus 24.85 chs. = 77.74 chs. at a point  
 10.00 chs. E. of true line. Offset W. 10.00 chs. to  
 line, thence by return measurement, 27.77 chs.

49.97 Point on true line at base of perpendicular ledge, 500  
 high, bears NW. and SE. As it is impossible to reach  
 the true point for the  $\frac{1}{4}$  sec. cor.; at this point:  
 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in  
 ground to bedrock and in a large mound of stone, for  
 witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 23 and 24, with  
 brass cap marked.

W C  
 $\frac{1}{4}$   
 S23 | S24  
 1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,  
 marked with a cross (X).

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in  
 the ground to bedrock and in a large mound of stone,  
 for cor. of secs. 23, 24, 25 and 26, with brass cap  
 marked.

T43S | R13E  
 S23 | S24  
 S26 | S25  
 1924

From which,

A point on large boulder, size 6 x 4 x 4 ft., marked  
 X S24 B0, bears N. 67° E., 58 lks. dist.,

A point on large boulder, size 7 x 4 x 4 ft., marked  
 X S25 B0, bears S. 85° W., 30 lks. dist.

Land, broken by ledges, with a general southerly exposure  
 and drainage.

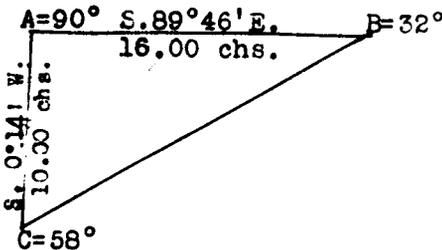
Subdivision of T. 43 S., R. 13 E.

Soil, shallow loose sand and rock; 3rd rate.  
 Undergrowth, scattering amole plant, mountain rush and  
 blackbrush.  
 No timber.  
 Fair grazing.

S.  $89^{\circ}46'$  E., on random line bet. secs. 24 and 25.

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

47.00 Base of ledge over which I am unable to chain, I there-  
 fore determine the distance to top of ledge by  
 triangulation as follows. Return to the temp.  $\frac{1}{4}$  sec.  
 cor. and erect flag "A". Erect flag "B" on line at top  
 of ledge, and from flag "A", measure base line "AC",  
 S.  $0^{\circ}14'$  W., 10 chains dist., from which point, flags  
 "AB" subtend an angle of  $58^{\circ}$ . All bearings checked by  
 direct reading of the solar and all angles checked by  
 deflection.



Distance on line =	40.00 chs.
Distance by triangulation=	16.00 chs.
	<u>56.00 chs.</u>

56.00 To point "B" of triangulation.

79.96 Intersect the E. bdy. of the township 33 lks. S. of the  
 true point for the cor. of secs. 19, 24, 25 and 30,  
 which is S., 5.24 chs. dist. from the witness cor. to  
 said secs. and which is an iron post, 2 ins. diam.,  
 set, marked and witnessed as described in the finished  
 notes of the survey of T. 43 S., R. 14 E.

Thence,

From the true point for cor. of secs. 19, 24, 25 and 30.  
 West, on true line bet. secs. 24 and 25.

Over broken top of mesa through scattering undergrowth.

23.96 To point "B" of triangulation at top of abrupt descent

Subdivision of T. 43 S., R. 13 E.

Chains

- over high ledges, bears N. and S. Thence by triangulation.
- 32.96 Base of ledge, 300 ft. high, bears N. and S. Thence by direct measurement.
- 39.96 To point "A" of triangulation.
- 39.98 On surfacerock, 450 ft. below top of mesa; mark a cross (X), over which.
- Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- $$\frac{S24}{\frac{1}{4}}$$

$$S25$$

1924
- 40.00 Base of descent from mesa, 80 ft. below the  $\frac{1}{4}$  sec. cor. bears N. and S.
- 71.00 Wash, 30 lks. wide, 15 ft. deep, drains SW.
- 79.96 The cor. of secs. 23, 24, 25 and 26:
- Land, broken, with a general westerly exposure and drainage.
- Soil, shallow loose sand and rock; 3rd rate.
- Undergrowth, scattering amole plant, mountain rush and blackbrush.
- No timber.
- Fair grazing.
- 
- S. 0°01' E., bet. secs. 25 and 26.
- Over rolling and broken land through scattering undergrowth.
- 5.00 Wash, 30 lks. wide, 5 ft. deep, drains W.
- 16.10 Wash, 30 lks. wide, 4 ft. deep, drains W.
- 19.20 Land becomes rolling, bears E. and W.
- 33.20 Wash, 25 lks. wide, 5 ft. deep, drains W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

Subdivision of T. 43 S., R. 13 E.

$\frac{1}{4}$   
 S26 | S25

1924

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

47.40 Wash, 20 lks. wide, 6 ft. deep, drains NW.

58.00 Wash, 20 lks. wide, 5 ft. deep, drains NW.

74.20 Wash, 30 lks. wide, 8 ft. deep, drains NW.

80.60 At head of wash, 20 lks. wide, 3 ft. deep, drains W.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 25, 26, 35 and 36, with brass cap marked.

T43S	R13E
S26	S25
S35	S36

1924

Deposit a sandstone, 7 x 5 x 3 ins., at base of post, marked with a cross (X).

Land, broken and rolling with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

East, on random line bet. secs. 25 and 36.

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

73.90 Fall 27 lks. S. of the witness cor. to the cor. of secs.

25, 30, 31 and 36, on the E. bdy. of the township, which is West, .., 6.10 chs. dist. from the true point for cor. of said secs. and which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey of T. 43 S., R. 14 E. Cor is at base of high ledge over which it is impossible to project my line.

Subdivision of T. 43 S., R. 13 E.

Chains

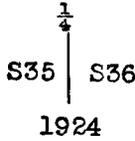
- Thence, from the witness cor. to the cor. of secs. 25, 30, 31 and 36, which is N., 2 lks. from true line. S. 89°48' W., on true line bet. secs. 25 and 36, counting distances from the true point for cor.
- 6.10 The witness cor. to the cor. of secs. 25, 30, 31 and 36  
Thence over broken land through scattering undergrowth  
Descend over abrupt W. slope of mesa.
- 24.00 Wash, 30 lks. wide, 8 ft. deep, drains NW.
- 40.00 At base of descent from mesa, 380 ft. below the witness cor. to the cor. of secs. 25, 30, 31 and 36, bears N. and S., in bottom of small wash, drains SW.  
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.
- |               |      |
|---------------|------|
|               | S25  |
| $\frac{1}{4}$ | —    |
|               | S36  |
|               | 1924 |
- Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).
- 51.50 Wash, 15 lks. wide, 3 ft. deep, drains SW.
- 60.00 Top of butte, 100 ft. high, bears South, 15.00 chs. distant.
- 71.10 Wash, 30 lks. wide, 6 ft. deep, drains NW.
- 80.00 The cor. of secs. 25, 26, 35 and 36.
- Land, broken, with a general westerly exposure and drainage.
- Soil, shallow loose sand and rock; 3rd rate.
- Undergrowth, scattering amole plant, mountain rush and blackbrush.
- No timber.
- Fair grazing.
- 
- S. 0°01' E., bet. secs. 35 and 36.
- Ascend gradually over broken land through scattering undergrowth.
- 12.90 Spur, 140 ft. above cor., projects NW.; descend gradual SW. slope.

Subdivision of T. 43 S., R. 13 E.

Drains

55.40 Wash, 40 lks. wide, 20 ft. deep, 100 ft. below spur, drains NW.

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



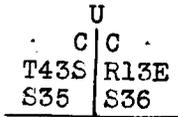
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

57.10 Wash, 40 lks. wide, 15 ft. deep, drains NW.

81.54 Intersect the Utah-Arizona state boundary line, East, 14.05 chs. dist. from the 200th mile post, which is heretofore described.

At point of intersection.

Set an iron post, 3-ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 35 and 36, with brass cap marked.



A

1924

Deposit a sandstone, 4 x 3 x 2 ins., at base of post, marked with a cross (X).

Land, broken with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

From the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey of T. 42 S., R. 13 E.

S. 0°01' E., bet. secs. 2 and 3.

Subdivision of T. 43 S., R. 13 E.

Chains

Over broken land through scattering undergrowth.

6.00 Wash, 30 lks. wide, 5 ft. deep, drains NW.

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

$\frac{1}{4}$   
|  
S3 | S2

1924

Deposit a sandstone, 18 x 12 x 6 ins., at base of post, marked with a cross (X).

As the inaccessible N. breaks of high butte make it impossible to chain to the S. from this point, I offset as follows.

West, 15.00 chs., thence S.  $0^{\circ}01'$  E., on offset line.

66.00 Approximate distance on true line: base of ledge, 150 ft. high, bears E. and W.

80.02 Offset East, 5.90 chs. to base of inaccessible W. break of high butte which is a point, S.  $89^{\circ}54'$  W., 9.10 chs. from the true point for the cor. of secs. 2, 3, 10 and 11. As the true point for the sec. cor. falls on top of high inaccessible butte, at this point, on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for witness cor. to the cor. of secs. 2, 3, 10 and 11, with brass cap marked.

T43S	R13E
S3	S2
S10	S11

1924

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

Subdivision of T. 43 S., R. 13 E.

Chain

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

As the true point for the cor. of secs. 2, 3, 10 and 11, is on top of high inaccessible butte, I commence at the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3, and run on offset line as follows.

East, 40.00 chs. dist.  
S.  $0^{\circ}01'$  E., 40.00 chs. dist. to

40.00 Point on true random line. Set temp.  $\frac{1}{4}$  sec. cor. Thence, East, on true random line.

80.04 Intersect the N. and S. line, 19 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence,

S.  $89^{\circ}52'$  W., on true line bet. secs. 2 and 11.

Over broken land through scattering undergrowth.

22.50 Wash, 20 lks. wide, 10 ft. deep, drains NE.

40.02 At base of high, butte, 200 ft. high, bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S2}{S11}$   
1924

Deposit a sandstone, 8 x 5 x 5 ins., at base of post, marked with a cross (X).

As the line to the W. of this cor. passes over high inaccessible butte, I offset as follows .

N.  $0^{\circ}01'$  W., 40.00 chs.  
S.  $89^{\circ}52'$  W., 40.02 chs. to:

80.04 The  $\frac{1}{4}$  sec. cor. of secs. 2 and 3.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

No timber.

Fair grazing.

## Subdivision of T. 43 S., R. 13 E.

Chains

S. 0°01' E., bet. secs. 10 and 11.

Over broken land through scattering undergrowth.

As it is impossible to reach the true cor. point for cor. of secs. 2, 3, 10 and 11, I commence at the witr cor. to said secs. which is S. 89°54' W., 9.10 chs. dist. from the true cor. point, and run on offset line to avoid inaccessible W. breaks of butte as follows.

S. 0°01' E., 40.00 chs. dist.

19.00 Approximate distance on true line; base of high ledge, 150 ft. high, bears NW. and E.

40.00 Offset, N. 89°54' E., 9.10 chs. dist. to true line.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

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

1924

Deposit a sandstone, 12 x 10 x 9 ins., at base of post, marked with a cross (X).

Thence, S. 0°01' E., on true line.

67.80 Wash, 3.00 chs. wide, 15 ft. deep, drains W.

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

T43S		R13E
S10		S11

S15		S14
-----	--	-----

1924

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of c Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

Subdivision of T. 43 S., R. 13 E.

Chains

N. 89°52' E., on random line bet. secs. 11 and 14.

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

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

Thence,

S. 89°46' W., on true line bet. secs. 11 and 14.

Over broken land through scattering undergrowth.

40.06 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S11  
 $\frac{1}{4}$  ———  
 S14  
 1924

54.40 Wash, 20 lks. wide, 4 ft. deep, drains NW.

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

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

S. 0°01' E., bet. secs. 14 and 15.

Over broken land through scattering undergrowth.

18.40 Wash, 30 lks. wide, 5 ft. deep, drains NW.

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

$\frac{1}{4}$   
 S15 | S14  
 1924

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

74.00 Wash, 30 lks. wide, 4 ft. deep, drains NW.

80.00 On surfacerock, mark a cross (X); over which.

Subdivision of T. 43 S., R. 13 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 14, 15, 22 and 23, with brass cap marked.

T43S	R13E
S15	S14
S22	S23

1924

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

N. 89°46' E., on random line bet. secs. 14 and 23.

33.20 Set temp. witness cor. to the  $\frac{1}{4}$  sec. cor.

Inaccessible W. breaks of mesa make chaining to the E. of this point impracticable, I therefore return to a point, 20.00 chs. N. of the cor. of secs. 14, 15, 22 and 23, and run on offset line as follows.

N. 89°46' E., 80.06 chs. to a point North, 20.23 chs. dist. from the true point for the cor. of secs. 13, 14, 23, and 24, which is S. 0°01' E., 7.16 chs. dist. from the witness cor. to said secs. The bearing of the line from the cor. of secs. 14, 15, 22 and 23, to the true point for the cor. of secs. 13, 14, 23 and 24, therefore is N. 89°56' E., and the distance is 80.06 chs.

Thence,

From a point, North, 20.00 chs. dist. from the true point for cor. of secs. 13, 14, 23 and 24.

S. 89°56' W., on offset line, bet. secs. 14 and 23.

True line passes over inaccessible N. breaks of mesa through scattering undergrowth.

80.06 Offset South, 20.00 chs. to the cor. of secs. 14, 15,

22 and 23. Thence, from this cor.

N. 89°56' E., on true line bet. secs. 14 and 23.

Ascend over broken W. slope of mesa through scattering undergrowth.

5.10 Wash, 30 lks. wide, 5 ft. deep, drains NW.

33.20 Base of high inaccessible ledge on W. breaks of mesa. As it is impossible to reach the true point for the 1/4 sec. cor., therefore at this point, on surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for witness cor, to the 1/4 sec. cor. of secs. 14 and 23, with brass cap marked.

S14 WO  
S23  
1924

Note: The line to the east of this cor. passes over the top of an inaccessible mesa and it is impossible to project my line E. from this point.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

S. 0°01' E., bet. secs. 22 and 23.

Over broken land through scattering undergrowth.

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

1/4  
S22 | S23  
1924

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

75.00 Wash, 30 lks. wide, 5 ft. deep, drains NW.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. of secs. 22, 23, 26 and 27, with  
brass cap marked.

T43S	R13E
S22	S23
S27	S26

1924

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of  
Land, broken, with a general westerly exposure and  
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and  
blackbrush.

No timber.

Fair grazing.

N. 89°56' E., on random line bet. secs. 23 and 26.

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

80.00 Intersect the N. and S. line, 9 lks. N. of the cor. of  
secs. 23, 24, 25 and 26.

Thence,

West, on true line bet. secs. 23 and 26.

Over broken land through scattering undergrowth.

24.80 Wash, 20 lks. wide, 4 ft. deep, drains SW.

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

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

1924

Deposit a sandstone, 6 x 5 x 3 ins., at base of post,  
with a cross (X).

No other suitable accessories available.

59.30 Wash, 30 lks. wide, 5 ft. deep, drains NW.

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

Land, broken, with a general northwesterly exposure and  
drainage.

Subdivision of T. 43 S., R. 13 E.

Chain

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

No timber.

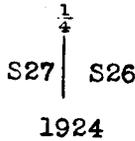
Fair grazing.

S. 0°01' E., bet. secs. 26 and 27.

Over rolling land through scattering undergrowth.

12.00 Wash, 30 lks. wide, 5 ft. deep, drains NW.

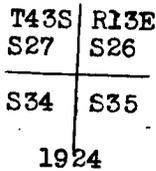
40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



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

46.40 Wash, 50 lks. wide, 10 ft. deep, which forms the E. fork of Copper Canyon, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap marked.



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

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and black and rabbit brush.

No timber.

Fair grazing.

Subdivision of T. 43 S., R. 13 E.

Chains

East, on random line bet. secs. 26 and 35.

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

79.98 Intersect the N. and S. line, 16 lks. S. of the cor. of  
secs. 25, 26, 35 and 36.

Thence,

S.  $89^{\circ}53'$  W., on true line bet. secs. 26 and 35.

Descend gradually over rolling land along bottom of  
wash, through scattering undergrowth.

30.30 Junction of wash from E. with wash from the SE., drain  
NW.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in  
ground to bedrock and in a large mound of stone, for  
 $\frac{1}{4}$  sec. cor., with brass cap marked.

S26  
+-----  
S35

1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,  
marked with a cross (X).

60.60 Wash, 50 lks. wide, 10 ft. deep, which forms the E. Fo  
of Copper Canyon, drains N.

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

Land, rolling, with a general northwesterly exposure  
and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, bl  
and rabbit brush.

No timber.

Fair grazing.

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

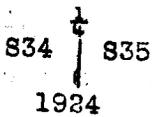
Over broken land through scattering undergrowth.

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

Subdivision of T. 43 S. R. 13 E.

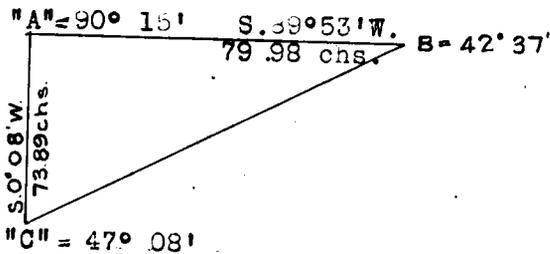
Chains

Chains.



Deposit a sandstone 6 x 5 x 4 ins. at base of post, marked with a cross (x)

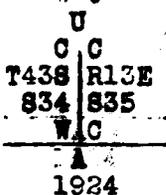
The line to the south of this corner passes over the inaccessible west breaks of the East Fork of Copper Canyon, over which I am unable to chain, I therefore determine the distance by triangulation as follows: Designate the corner of Secs. 35, 37, 34, and 35 as "A" and the corner of Secs. 25, 26, 35, and 36 as "B". Erect flag "C" on line at top of breaks to the south; and, as it is impossible to see the corner of Secs. 35, 26, 35, and 36 from this point, I offset West 18 lks. from which point corners "A" "B" subtend an angle of 47° 08', and the corner of Secs. 35, 37, 34, and 35 bears N. 0° 08' E. All bearings checked by direct reading of the solar and all angles checked by deflection.



- 71.51 From this point the W.C. to 199th mile cor. bears N. 89° 31' W. 9.48 chs. dist.  
Distance by triangulation 73.89 chs. at a point 18 lks. W. of true line. Offset East 18 lks. to
- 73.89 Point on true line at top of West breaks of the East Fork of Copper Canyon, 1130 ft. above the section cor. bearing N. 20° W. and S. 20° E.; thence over broken top of mesa, near rim.
- 76.92 As it is impossible to chain or project my line to the South from this point, on account of high ledges, at this point, which is N. 0° 01' W. 4.59 chs. and S. 89°

Chains.

31' E. 14.00 chs. from the true point for the 1904  
mile post, on surface rock, mark a cross (X) over  
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
stone 4 ft. base, 3 ft. high, for witness cor. to the  
closing corner of Secs. 34 and 35, with brass cap marked



from which

A cedar, 6 ins. diam., bears N. 41° 30' E. 55 lks.  
dist., marked CC U BT. Too scrubby for other  
markings.

A cedar, 3 ins. diam., bears N. 45° W. 75 lks.  
dist., marked BT

81.51 True point for closing corner. Cor. not set.

Land, broken by ledge with a general northeasterly  
exposure and drainage.

Soil, shallow, loose sand and rock; 3d rate.

Undergrowth, scattering amole plant, black, and rabbit  
brush, and mountain rush.

Timber, a few scattering scrub juniper and pinon on  
extreme S. portion of mile. Fair grazing.

From the corner of Secs. 3, 4, 33, and 34, on the north  
boundary of the township, which is an iron post 2 in.  
diam., set, marked and witnessed as described in the  
finished notes of the survey of T. 42 S. R. 13 E.  
S. 0° 02' E. between Secs. 3 and 4,

Over broken land; through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, to bed-rock, and in a large mound of stones  
for 1/4 sec. cor., with brass cap marked



Subdivision of T. 43 S., R. 13 E.

Chains

- Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).
- 54.00 Wash, 30 lks. wide, 4 ft. deep, drains NE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 3, 4, 9 and 10, with brass cap marked.

T43S	R13E
S4	S3
S9	S10

1924

- Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).
- Land, broken, with a general northeasterly exposure and drainage.
- Soil, shallow loose sand and rock; 3rd rate.
- Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.
- No timber.
- Fair grazing.

East, bet. secs. 3 and 10.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 70.86 Fall 12 lks. S. of the witness cor. to the cor. of secs. 2, 3, 10 and 11, which is S.  $89^{\circ}54'$  W., 9.10 chs. dist. from the true point for the cor. of said secs. The course of the line from the cor. of secs. 3, 4, 9 and 10 to the true point for the cor. of secs. 2, 3, 10 and 11, therefore is N.  $89^{\circ}54'$  E., and the dist. is 79.96 chs.

Thence,

S.  $89^{\circ}54'$  W., on true line bet. secs. 3 and 10, counting distances from the true point for cor. of secs. 2, 3, 10 and 11.

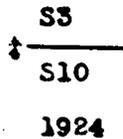
Over broken land through scattering undergrowth.

- 9.10 The witness cor. to the cor. of secs. 2, 3, 10 and 11.

Subdivision of T. 43 S., R. 13 E.

Chains

39.98 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.



Deposit a sandstone, 9 x 8 x 7 ins., at base of post, marked with a cross (X).

62.30 Wash, 50 lks. wide, 10 ft. deep, in bottom of Copper Canyon, drains NE.

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

Land, broken, with a general northwesterly and northe exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering; amole plant, mountain rush, b and rabbit brush.

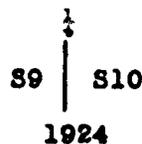
No timber.

Fair grazing.

S. 0°02' E., bet. secs. 9 and 10.

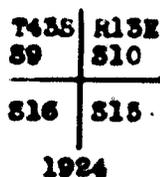
Over rolling land through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.



Deposit a sandstone, 18 x 12 x 12 ins., at base of post marked with a cross (X).

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock and in a large mound of stone, cor. of secs. 9, 10, 15 and 16, with brass cap marked.



Subdivision of T. 43 S., R. 13 E.

Chain

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,  
marked with a cross (X).

Land, rolling, with a general northeasterly exposure and  
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and  
blackbrush.

No timber.

Fair grazing.

N. 89°54' E., on random line bet. secs. 10 and 15.

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

79.84 Intersect the N. and S. line, 16 lks. N. of the cor. of  
secs. 10, 11, 14 and 15.

Thence,

N. 89°59' W., on true line bet. secs. 10 and 15.

Over broken land through scattering undergrowth.

39.92 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound  
of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor.,  
with brass cap marked.

S10  
 $\frac{1}{4}$  —————  
S15  
1924

63.60 Wash, 2.00 chs. wide, 10 ft. deep, in bottom of Copper  
Canyon, drains NE. Small seep of water in bottom of  
wash at this point.

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

Land, broken, with a general northeasterly exposure and  
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and  
blackbrush.

No timber.

Fair grazing.

Chains

S. 0°02' E., bet. secs. 15 and 16.  
Over broken land through scattering undergrowth.

17.10 Wash, 30 lks. wide, 4 ft. deep, drains E.

29.50 Wash, 20 lks. wide, 4 ft. deep, drains SE.

37.10 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in ground to bedrock and in a large mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 15 and 16, with brass cap marked.

$\frac{1}{4}$	
S16	S15
W	C

1924

Deposit a sandstone, 5 x 3 x 3 ins., at base of post, marked with a cross (X).

Cor. is set on left bank of wash in bottom of Copper Canyon, drains from the S. to the NE.; thence along bottom of wash.

40.00 True point for the  $\frac{1}{4}$  sec. cor. falls in bottom of wash where it is impossible to set a permanent cor.

46.80 Leave bottom of wash, drains N. from the SE.

63.00 An Indian hogan, bears west of line, 2.00 chs. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked.

T43S	R13E
S16	S15
S21	S22

1924

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of c  
Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, bla  
and rabbit brush.

No timber.

Fair grazing.

Subdivision of T. 43 S., R. 13 E.

Chains

S. 89°59' E., on random line bet. secs. 15 and 22.

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

80.00 Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence,

S. 89°57' W., on true line bet. secs. 15 and 22.

Over broken land through scattering undergrowth.

30.00 Bend in right bank of wash, 30 lks. wide, 5 ft. deep, drains from the SE. to the SW.

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

S15  
 $\frac{1}{4}$  ———  
 S22

1924

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

56.70 Same wash as last, 25 lks. wide, 5 ft. deep, drains NW.

75.00 Wash, 50 lks. wide, 10 ft. deep, in bottom of Copper Canyon, drains N.

80.00 The cor. of secs. 15, 16, 21 and 22.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

No timber.

Fair grazing.

S. 0°02' E., bet. secs. 21 and 22.

Over broken land through scattering undergrowth.

24.80 Wash, 20 lks. wide, 5 ft. deep, drains E.

35.50 Wash, 25 lks. wide, 3 ft. deep, drains SE.

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

$\frac{1}{4}$   
 S21 | S22

1924

Subdivision of T. 43 S., R. 13 E.

Chains

- Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X). No other suitable accessories available.
- 42.30 Wash, 60 lks. wide, 10 ft. deep, in bottom of West Fork of Copper Canyon, drains NE.
- 64.00 Bottom of wash in West Fork of Copper Canyon, drains N
- 74.70 Bottom of wash in West Fork of Copper Canyon, drains N
- 80.00 On surfacerock, mark a cross (X), over which.
- Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.

T43S	R13E
S21	S22
S28	S27
1924	

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering black and rabbit brush, amole plant and mountain rush.

No timber.

Fair grazing.

N. 89°57' E., on random line bet. secs. 22 and 27.

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

79.94 Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence,

S. 89°55' W., on true line bet. secs. 22 and 27.

Over broken land through scattering undergrowth.

10.40 Wash, 25 lks. wide, 5 ft. deep, drains NW.

13.30 Wash, 50 lks. wide, 5 ft. deep, in bottom of East Fork of Copper Canyon, drains N.

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

chains

S22  
 $\frac{1}{4}$   
 S27.

1924

79.94

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
 The cor. of secs. 21, 22, 27 and 28.

Land, broken, with a general northerly exposure and  
 drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,  
 black and rabbit brush.

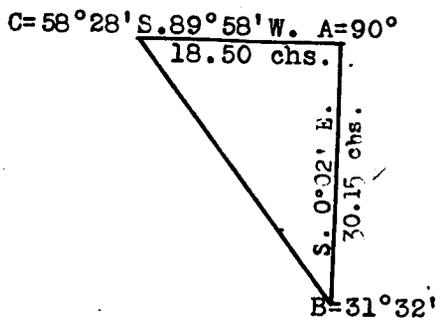
No timber.

Fair grazing.

S. 0°02' E., bet. secs. 27 and 28.

Over broken land through scattering undergrowth.

The inaccessible E. breaks of the West Fork of Copper  
 Canyon make chaining to the S. of this point impossible,  
 I therefore determine the distance by triangulation as  
 follows. Erect flag "A" at the cor. of secs. 21, 22,  
 27 and 28, and flag "B" on line to the S. From flag "A"  
 measure base line S. 89°58' W., 18.50 chs. dist., from  
 which point, flags "AB" subtend an angle of 58°28'. All  
 bearings checked by direct reading of the solar and all  
 angles checked by deflection.



Distance by triangulation= 30.15 chs.

30.15

To point "B" of triangulation, at base of high ledge,  
 bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground to bedrock and in a large mound of stone, for

Chains

witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 27 and 28, with  
brass cap marked.

	↑	
S28		S27
W		C
1924.		

Deposit a sandstone, 10 x 9 x 8 ins., at base of post,  
marked with a cross (X).

A ledge, 300 ft. high makes it impossible to offset or  
project my line to the S. of this point, I therefore  
return to the cor. of secs. 21, 22, 27 and 28, and  
offset as follows.

West, 18.50 chs., thence S.  $0^{\circ}02'$  E., on offset line

40.00 Unable to reach true line at this point.

80.00 Offset East, 18.50 chs. dist. to true line, on broken  
slope of E. breaks of the West Fork of Copper Canyon

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in  
ground to bedrock and in a large mound of stone, for  
cor. of secs. 27, 28, 33 and 34, with brass cap marked.

T43S	R13E
S28	S27
S33	S34
1924	

Deposit a sandstone, 6 x 4 x 4 ins., at base of post,  
marked with a cross (X).

Land, broken by ledges with a general westerly exposure  
and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, bla  
and rabbit brush.

No timber.

Fair grazing.

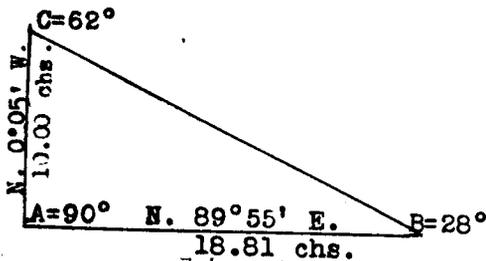
N.  $89^{\circ}55'$  E., on random line bet. secs. 27 and 34.

The inaccessible E. breaks of the West Fork of Copper  
Canyon, make chaining to the E. of this point impossible.

I therefore determine the distance by triangulation  
as follows.

Subdivision of T. 43 S., R. 13 E.

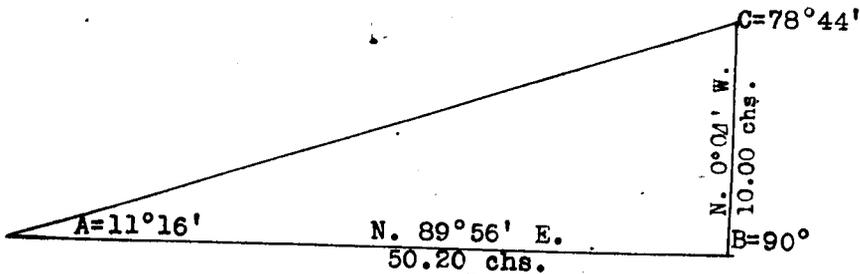
Erect flag "A" at the cor. of secs. 27, 28, 33 and 34, and flag "B" on line E. at top of ledges. From Flag "A" measure base line "AC", N. 0°05' W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of 62°. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation= 18.81 chs.

18.81 To point "B" of triangulation.

29.80 The W. breaks of the East Fork of Copper Canyon make chaining to the E. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point, and flag "B" at the cor. of secs. 26, 27, 34 and 35, which bears N. 89°56' E., from flag "A". From the cor. of secs. 26, 27, 34 and 35, measure base line "BC", N. 0°04' W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of 78°44'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line = 29.80 chs.  
 Distance by triangulation= 50.20 chs.  
 80.00 chs.

80.00 To point "B" of triangulation and cor. of secs. 26, 27, 34 and 35. From the cor. of secs. 26, 27, 34 and 35. S. 89°56' W., on true line bet. secs. 27 and 34, by direct measurement.

Subdivision of T. 43 S., R. 13 E.

Chains

Over broken land through scattering undergrowth.

30.00 Base of abrupt ascend over broken W. breaks of the East Fork of Copper Canyon, bears NW. and SE.

40.00 On broken E. slope, 250 ft. above the sec. cor.  
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   $\frac{S27}{S34}$   
 1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

Thence by triangulation over high inaccessible ledges.

50.20 To point "A" of triangulation at top of W. breaks, bears NW. and SE., 750 ft. above the  $\frac{1}{4}$  sec. cor. Thence, over broken top of mesa by direct measurement.

61.19 To point "B" of triangulation at top of E. breaks of the West Fork of Copper Canyon, bears N. and S. Thence, by triangulation over high inaccessible ledges.

80.00 The cor. of secs. 27, 28, 33 and 34, 750 ft. below top of breaks.

Land, broken by ledges, with a general easterly and westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

S. 0°02' E., bet. secs. 33 and 34.

Over broken land through scattering undergrowth.

The line to the S. of this cor. passes <sup>over</sup> high inaccessible ledges of the E. breaks of the West Fork of Copper Canyon. To avoid ledges, I offset as follows.

West, 18.50 chs. thence S. 0°02' E. on offset line.

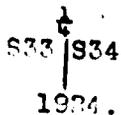
Subdivision of T. 43 S. R. 13 E.

Chains  
40.00

Offset East 18.50 chs. to true line.

On broken W. slope of breaks,

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed-rock, and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked



Deposit a sandstone 8 x 7 x 4 ins. at base of post, marked with a cross (X).

Thence on true line.

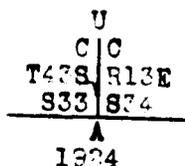
52.50 Sheep corral made of stone bears East 30 lks. dist.

70.00 Wash, 30 lks. wide, 1 ft. deep, in bottom of West Fork of Copper Canyon, drains NW.

81.77 Intersect the Utah-Arizona state boundary line N. 36° 36' E. 4.47 chs. dist. from the 193rd mile post, heretofore described.

At point of intersection

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



Raise a mound of stone, 3 ft. base, 3 ft. high N. of cor. Land, broken by ledges with a general westerly exposure and drainage.

Soil, shallow, loose sand and rock; 3d rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

Subdivision of T. 43 S. R. 13 E.

Chains.

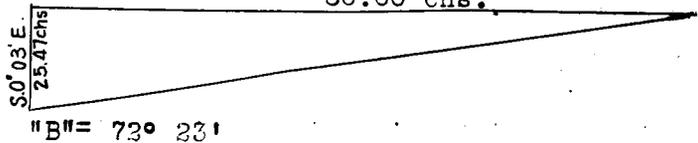
From the cor. of secs. 4, 5, 33, and 34 on the N. body of the township, which is an iron post, 3 ins. diam., set marked, and witnessed as described in the finished notes of the survey of T. 42 S. R. 13 E.

S. 0° 03' E. between Secs. 4 and 5,

Over broken ledges; through scattering undergrowth.

The line to the south of this corner passes over inaccessible north breaks of mesa, over which I am unable to chain. I, therefore, determine the distance by triangulation as follows: Erect flag "A" at the sec. corner and flag "B" on line to the south at top of mesa, from which point the corner of Secs. 3, 4, 33, and 34, which I designate "C" subtends an angle of 72° 23'. All bearings checked by direct reading of the solar, and all angles checked by deflection.

"A" = 89° 57' East "C" = 17° 40'  
80.00 chs.



"B" = 72° 23'

Distance by triangulation = 25.47 chs.

25.47 To point "B" of triangulation at top of N. rim of mesa, 780 ft. above cor., bears E. and W.

Thence over rolling top of mesa.

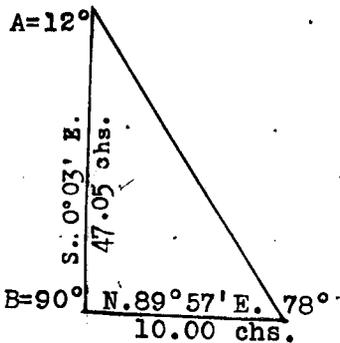
31.01 Top of S. rim of mesa, bears NE. and SW. As the true point for the 1/4 sec. cor. will fall in inaccessible ledges, where it is impossible to reach cor. point, at this point, on surface rock, mark a cross (X) over which set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high for witness cor. to the 1/4 sec. cor. Secs. 4 and 5, with brass cap marked

1/4  
S 5 | S 4  
W C  
1924

Subdivision of T. 43 S., R. 13 E.

Chains

High inaccessible ledges make chaining to the S. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point, and flag "B" on line to the S. From flag "B", measure base line, "BC", N. 89° 57' E., 10.00 chs. dist., from which point flags "AB" subtend an angle of 78°. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=

31.01 chs.

Distance by triangulation=

47.05 chs.

78.06 chs.

78.06 To point "B" of triangulation.

80.00 On broken land, 810 ft. below top of mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.

T43S	R13E
S5	S4
S8	S9
1924	

From which,

A juniper, 6 ins. diam., bears N. 88° 15' E., 65 lks. dist., marked BT.

A juniper, 8 ins. diam., bears N. 34° 45' E., 175 lks. dist., marked BT.

Trees too scrubby for other marks, and no other suitable bearing trees available.

Land; broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Chains

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

Timber, a few scattering scrub juniper and pison on S. portion of mile.

Fair grazing.

East, on random line bet. secs. 4 and 9.

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

80.14 Intersect the cor. of secs. 3, 4, 9 and 10.

Thence,

West, on true line bet. secs. 4 and 9.

Over broken land through scattering undergrowth.

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

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

1925

80.14 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of The cor. of secs. 4, 5, 8 and 9.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

S.  $0^{\circ}03'$  E., bet. secs. 8 and 9.

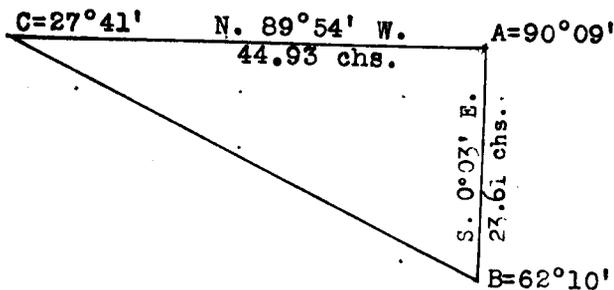
Over broken land through scattering undergrowth, and timber.

The line to the S. of this point passes over the inaccessible N. breaks of mesa, I therefore triangulate as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the S. at top of mesa. From flag "A", measure base line "AC", N.  $89^{\circ}54'$  W., 44.93 chs. dist.

Subdivision of T. 43 S., R. 13 E.

Chains

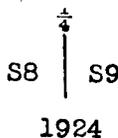
Distance of base line determined by triangulation as shown on line bet. secs. 5 and 8. From flag "B", flags "AC" subtend an angle of  $62^{\circ}10'$ . All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation = 23.61 chs.

23.61 To point "B" of triangulation at top of mesa, 300 ft. above the sec. cor., bears NW. and SE.; thence over rolling top of mesa.

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



From which,

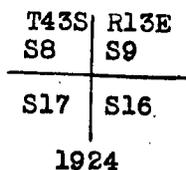
A pinon, 6 ins. diam., bears N.  $18^{\circ}$  E., 75 lks. dist., marked  $\frac{1}{4}$  S9 BT.

A pinon, 10 ins. diam., bears N.  $45^{\circ}30'$  W., 50 lks. dist., marked  $\frac{1}{4}$  S8 BT.

43.00 Small draw, drains SW.

80.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of 8, 9, 16 and 17, with brass cap marked.



From which,

Subdivision of T. 43 S., R. 13 E.

Chains

A pinon, 12 ins. diam., bears N. 29°15' E., 25 lks. dist., marked T43S R13E S9 BT.

A pinon, 8 ins. diam., bears S. 8°45' E., 70 lks. dist., marked T43S R13E S16 BT.

A pinon, 6 ins. diam., bears S. 65°45' W., 202 lks. dist., marked T43S R13E S17 BT.

A pinon, 12 ins. diam., bears N. 57°15' W., 131 lks. dist., marked T43S R13E S8 BT.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, b. and rabbit brush.

Timber, scattering juniper and pinon.

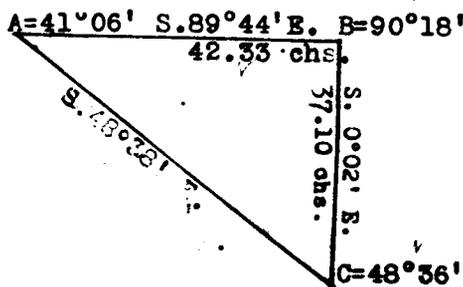
Fair grazing.

East, on random line bet. secs. 9 and 16.

37.36 Set temp. witness cor. to the  $\frac{1}{4}$  sec. cor.

37.63 Top of W. breaks of Copper Canyon over which I am unable to chain. I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and from flag "A", the cor. of secs. 9, 10, 15 and 16 bears S. 89°44' E. and a flag which I designate "C", left S. 0°02' E., 37.10 chs. dist., from "B" bears S. 48°38' E. All bearings checked by direct reading of the solar and all angles checked by deflection.

Distance on line=	37.63 chs.
Distance by triangulation=	42.33 chs.
	<u>79.96 chs.</u>



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

Subdivision of T. 43 S., R. 13 E.

Mesa

The course of the line bet. the cor. of secs. 8, 9, 16 and 17, and the cor. of secs. 9, 10, 15 and 16, therefore is, S. 89°52' E., and the distance is 79.96 chs.

Thence,

N. 89°52' W., on true line bet. secs. 9 and 16.

By triangulation, over inaccessible W. breaks of Copper Canyon.

59.98 Point for the  $\frac{1}{4}$  sec. cor. falls in inaccessible ledges.

42.33 To point "B" of triangulation at top of breaks, 300 ft. above the sec. cor., bears NE. and SW.; thence over broken top of mesa.

42.60 On broken top of mesa near rim.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 9 and 16, with brass cap marked.

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

1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

53.20 Top of rimrock, 25 ft. high, bears NE. and SW .

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

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

No timber.

Fair grazing.

S. 0°03' E., bet. secs. 16 and 17.

Over rough broken ledges through scattering undergrowth.

6.50 Top of rimrock, 25 ft. high, bears NE. and SW.

59.43 On surface rock, mark a cross (X), over which.

Chains

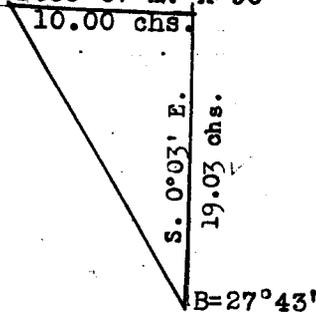
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for witness cor. the  $\frac{1}{4}$  sec. cor., secs. 16 and 17, with brass cap marked

$\frac{1}{4}$   
 S17 | S16  
 W | C  
 1924

Inaccessible ledges make chaining to the S. of this point impracticable, I therefore triangulate as follows.

Erect flag "A" at this point and flag "B" on line to the S. From flag "A", measure base line "AC", S.  $89^{\circ}57'$  10.00 chs. dist., from which point, flags "AB" subtend an angle of  $62^{\circ}17'$ . All bearings checked by direct reading of the solar and all angles checked by deflection

$C=62^{\circ}17'$  S.  $89^{\circ}57'$  W.  $A=90^{\circ}$



Distance on line=	39.43' chs.
Distance by triangulation=	19.03 chs.
	58.46 chs.

Approximate distances to topography on triangulated distance.

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. falls on inaccessible face of ledge.
- 48.00 Head of canyon, drains NE.
- 58.46 To point "B" of triangulation.
- 77.00 Top of rimrock, 25 ft. high, bears NW. and SE.; thence over broken top of mesa.
- 80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.

T43S | R13E  
 S17 | S16  
 W | C  
 320 | S21  
 1924

From which,

A pinon, 6 ins. diam., bears N.  $68^{\circ}45'$  E., 144 lks. dist., marked T43S R13E S16 BT.

A pinon, 6 ins. diam., bears S.  $64^{\circ}15'$  E., 61 lks. dist., marked T43S R13E S21 BT.

A pinon, 8 ins. diam., bears S.  $71^{\circ}45'$  W., 94 lks. dist., marked T43S R13E S20 BT.

A pinon, 8 ins. diam., bears N.  $56^{\circ}30'$  W., 115 lks. dist., marked T43S R13E S17 BT.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

Timber, scattering scrub juniper and pinon, on extreme S. portion of mile.

Fair grazing.

S.  $89^{\circ}52'$  E., on random line bet. secs. 16 and 21.

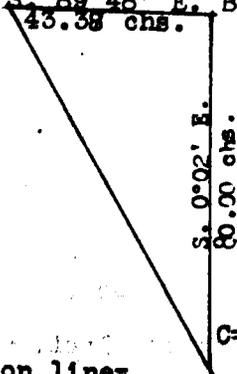
36.10 Set temp. witness cor. to the  $\frac{1}{4}$  sec. cor.

36.45 Ledges make chaining to the E. of this point impracticable

I therefore triangulate the remainder of mile as follows.

Erect flag "A" at this point, The cor. of secs. 15, 16, 21 and 22, "B" and the cor. of secs. 21, 22, 27 and 28, "C". From flag "A" the cor. of secs. 15, 16, 21 and 22, bears S.  $89^{\circ}48'$  E., and points "BC" subtend an angle of  $61^{\circ}21'$ . All bearings checked by direct reading of the solar and all angles checked by deflection.

A= $61^{\circ}21'$  S.  $89^{\circ}48'$  E. B= $90^{\circ}14'$



Distance on line=  
Distance by triangulation=

36.45 chs.  
43.38 chs.  
79.83 chs.

Chains

79.83 To point "B" of triangulation and the cor. of secs. 16, 21 and 22:

The course of the line bet. the cor. of secs. 16, 17, 20 and 21,, and the cor. of secs. 15, 16, 21 and 22, therefore is, N. 89°50' W., and the distance is 79. chs:

Thence,

N. 89°50' W., on true line bet. secs. 16 and 21, by triangulation.

Ascend abruptly over broken W. breaks of Copper Canyon

through scattering timber and undergrowth.

39.91 Point for the  $\frac{1}{4}$  sec. cor. falls in inaccessible ledge

43.38 To point "A" of triangulation at top of breaks, 350 f above sec. cor., bears NE. and SW.; thence by direct measurement.

43.72 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in ground to bedrock and in a large mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 16 and 21, with brass cap marked.

S16  
 $\frac{1}{4}$  WC  
S21  
1924

From which,

A juniper, 4 ins. diam., bears S. 30° E., 59 lks. dist., marked WC  $\frac{1}{4}$  S21 BT.

A juniper, 4 ins. diam., bears N. 20°45' W., 135 lks. dist., marked WC  $\frac{1}{4}$  S16 BT.

45.00 Top of rimrock and brink of mesa, 25 ft. high, bears NE. and SW.; thence along broken breaks of mesa.

72.60 Top of rimrock and brink of mesa, 25 ft. high, bears NW. and SE.

79.83 The cor. of secs. 16, 17, 20 and 21.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

Subdivision of T. 43 S., R. 13 E.

Chains

Timber, scattering juniper and pinon.

Fair grazing.

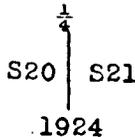
S. 0°03' E., bet. secs. 20 and 21.

Over broken land through scattering undergrowth and timber.

15.60 Wash, 30 lks. wide, 5 ft. deep, drains SW.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



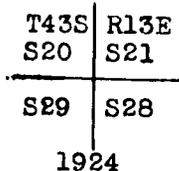
From which,

A pinon, 6 ins. diam., bears N. 61°30' E., 40 lks. dist., marked  $\frac{1}{4}$  S21 BT.

A pinon, 10 ins. diam., bears S. 98° W., 107 lks. dist., marked  $\frac{1}{4}$  S20 BT.

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.



From which,

A pinon, 6 ins. diam., bears N. 35°15' E., 84 lks. dist., marked T43S R13E S21 BT.

A pinon, 10 ins. diam., bears S. 66° E., 113 lks. dist., marked T43S R13E S28 BT.

A pinon, 12 ins. diam., bears S. 39°30' W., 84 lks. dist., marked T43S R13E S29 BT.

A pinon, 10 ins. diam., bears N. 40°15' W., 141 lks. dist., marked T43S R13E S20 BT.

Chains

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

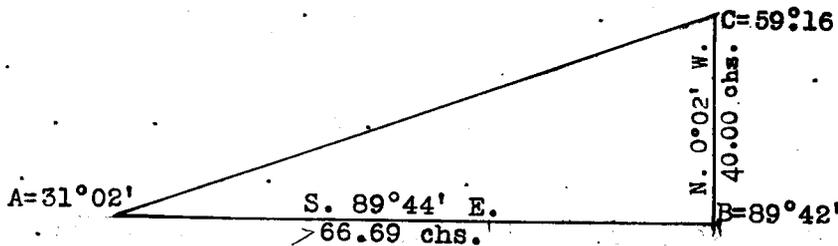
Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

Timber, scattering juniper and pinon.

Fair grazing.

S. 89°50' E., on random line bet. secs. 21 and 28.

13.03 The inaccessible W. breaks of Copper Canyon make chain to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and designate the cor. of secs. 21, 22, 27 and 28, "B" and the  $\frac{1}{4}$  sec. cor. secs. 21 and 22 "C". From flag "A" the cor. of secs. 21, 22, 27 and 28, bears S. 89°44' E., and points "BC" subtend an angle of 31°02'. All bearings checked by direct reading of the solar and angles checked by deflection.



Distance on line =	13.03 chs.
Distance by triangulation =	66.69 chs.
Distance by return measurement =	79.72 chs. ✓
	33.42 chs.
	46.30 chs. ✓

46.30 Set temp. witness cor. to the  $\frac{1}{4}$  sec. cor.

79.72 To point "B" of triangulation and the cor. of secs. 21, 22, 27 and 28.

The course of this mile therefore is N. 89°45' W., and the distance is 79.72 chs.

Thence,

N. 89°45' W., on true line bet. secs. 21 and 28 by direct measurement.

Over broken land through scattering undergrowth.

Subdivision of T. 43 S., R. 13 E.

Drains

- 13.30 Wash, 30 lks. wide, 5 ft. deep, in bottom of West Fork of Copper Canyon, drains N.
- 35.42 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 21 and 28, with brass cap marked.
- S21  
WC  $\frac{1}{4}$  —————  
S28  
1924
- Deposit a sandstone, 9 x 7 x 6 ins., at base of post, marked with a cross (X).
- 40.0 Thence by triangulation over inaccessible W. breaks of canyon.
- 38.86 True point for the  $\frac{1}{4}$  sec. cor. falls in inaccessible ledges.
- 66.69 Top point "A" of triangulation at top of W. breaks of the West Fork of Copper Canyon, 480 ft. above the sec. cor., bears N. and S.; thence by direct measurement over broken top of mesa.
- 79.72 The cor. of secs. 20, 21, 28 and 29.
- Land, broken by ledges with a general easterly exposure and drainage.
- Soil, shallow loose sand and rock; 3rd rate.
- Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.
- No timber.
- Fair grazing.

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S. 0°03' E., bet. secs. 28 and 29.

Over broken top of mesa through scattering undergrowth and timber.

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

Chains

S29 | S28

1924

From which,

A pinon, 6 ins. diam., bears N. 24°45' E., 124 lks.  
dist., marked  $\frac{1}{4}$  S28 BT.

A juniper, 6 ins. diam., bears S. 41°45' W., 120 lks.  
dist., marked  $\frac{1}{4}$  S29 BT.

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound  
of stone, 4 ft. base, 3 ft. high, for cor. of secs.  
28, 29, 32 and 33, with brass cap marked.

T43S | R13E

S29 | S28

S32 | S33

1924

From which,

A pinon, 8 ins. diam., bears N. 72°15' E., 79 lks.  
dist., marked T43S R13E S28 BT.

A pinon, 12 ins. diam., bears S. 22°30' E., 64 lks.  
dist., marked T43S R13E S33 BT.

A pinon, 3 ins. diam., bears S. 47°30' W., 121 lks.  
dist., marked BT.

A pinon, 3 ins. diam., bears N. 29° W., 27 lks.  
dist., marked BT.

Land, broken top of mesa.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,  
black and rabbit brush.

Timber, scattering juniper and pinon.

Fair grazing.

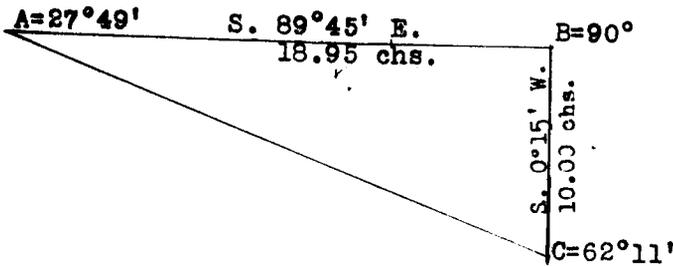
S. 89°45' E., on random line bet. secs. 28 and 33.

20.75 Inaccessible ledges make chaining to the E. impracticable

I therefore triangulate as follows. Erect flag "A" at  
this point and flag "B" on line to the E. from flag "

Subdivision of T. 43 S., R. 13 E.

measure base line "BC", S. 0°15' W., 10.00 chs. dist., from which point flags "AB" subtend an angle of 62°11'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	20.75 chs.
Distance by triangulation =	18.95 chs.
	<u>39.70 chs.</u>

39.70 To point "B" of triangulation.

40.00 Set temp. 1/4 sec. cor.

79.70 Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence,

N. 89°44' W., on true line bet. secs. 28 and 33.

Over broken land through scattering undergrowth.

26.50 Wash, 30 lks. wide, 5 ft. deep, in bottom of West Fork of Copper Canyon, drains N., 140 ft. below cor.; ascend abrupt W. breaks of canyon.

39.85 On broken W. breaks of canyon, 900 ft. above bottom.

Set an iron post, 3 ft. long, 1 in. diam., 13 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S28  
 $\frac{1}{4}$   
 S33  
 1924

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

40.00 To point "B" of triangulation at base of inaccessible ledges, bears N. and S.; thence by triangulation.

58.95 To point "A" of triangulation at top of W. breaks of West Fork of Copper Canyon, 700 ft. above the 1/4 sec. cor., bears NW. and SE.; thence over broken top of mesa.

Subdivision of Lands in Secs. 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Chains

79.70

The cor. of secs. 28, 29, 32 and 33 east of mesa  
 Land, broken by ledges with a general easterly exposure  
 and drainage. Soil, shallow loose sand and rock; 3rd rate  
 Undergrowth, scattering amole plant, mountain rush,  
 black and rabbit brush.  
 No timber.  
 Fair grazing:

S. 0°03' E., bet. secs. 32 and 33.  
 Over broken top of mesa through scattering undergrowth  
 and timber.

10.00

Gulch, 20 ft. deep, drains SW.

30.70

Gulch, 20 ft. deep, drains W.

40.00

On surface rock, mark a cross (X), over which  
 Set an iron post, 3 ft. long, 1 in. diam., in a mound  
 of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with  
 brass cap marked.



From which,

A juniper, 6 ins. diam., bears S. 27°45' E., 64 lks.  
 dist., marked  $\frac{1}{4}$  S33 BT.

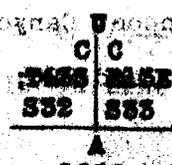
A pinon, 4 ins. diam., bears S. 74°15' W., 94 lks.  
 dist., marked  $\frac{1}{4}$  S32 BT.

54.92

Intersect the Utah-Arizona state boundary line, S. 69°  
 54' E., 16.85 chs. dist. from the 197th mile post,  
 which is heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in  
 ground to bedrock and in a large mound of stone, for  
 closing cor. of secs. 32 and 33, with brass cap marked.



Subdivision of T. 43 S., R. 13 E.

Chains

From which,

A pinon, 8 ins. diam., bears N. 75° E., 84 lks.  
dist., marked T43S R13E S33 U CC BT.

A pinon, 4 ins. diam., bears N. 34°30' W., 89 lks.  
dist., marked T43S R13E S32 U CC BT.

Land, broken, with a general westerly exposure and  
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and  
blackbrush.

Timber, scattering juniper and pinon.

Fair grazing.

From the true point for the cor. of secs. 5, 6, 31 and 32,  
on the N. bdy. of the township, which is East, 32 lks.  
dist. from the witness cor. to said secs. which is an  
iron post, 2 ins. diam., set, marked and witnessed as  
described in the finished notes of the survey of  
T. 42 S., R. 13 E.

S. 0°03' E., bet. secs. 5 and 6.

Over broken E. slope through scattering undergrowth.

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

$\frac{1}{4}$   
 ↑  
 S6 | S5  
 ↓  
 1924

Deposit a sandstone, 11 x 9 x 8 ins., at base of post,  
marked with a cross (X).

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for cor. of secs. 5, 6, 7 and 8, with brass  
cap marked.

T43S	R13E
S6	S5
S7	S8

  
 1924

Chains

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

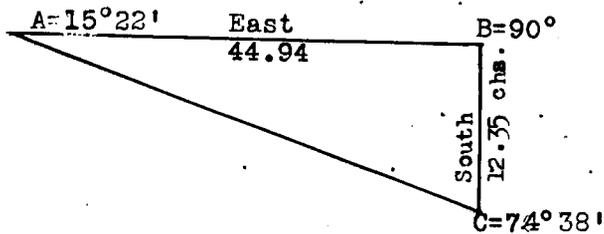
35.18

East, on random line bet. secs. 5 and 8.

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

Ledges: make chaining to the E. of this point impractic

I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line E. From flag "B", measure base line "BC", South, 12.35 chs. dist., from which point, flags "AB" subtend an angle of  $74^{\circ}38'$



Distance on line =

35.18 chs.

Distance by triangulation =

44.94 chs. ✓

80.12 chs. ✓

80.12

To point "B" of triangulation at a point 14 lks. N. of cor. of secs. 4, 5, 8 and 9.

Thence,

N.  $89^{\circ}54'$  W., on true line bet. secs. 5 and 8, by triangulation over broken E. breaks of mesa, through scattering undergrowth.

40.06

Point for the  $\frac{1}{4}$  sec. cor. falls in inaccessible ledges.

44.94

To point "A" of triangulation at top of rim of mesa,

830 ft. above the sec. cor., bears NE. and SE.

On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked.

S5  
 $\frac{1}{4}$  — WC  
 S8

1924

Thence by direct measurement over broken top of mesa.

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

Land, broken by ledges with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

Timber, a few scattering scrub juniper and pinon on W. portion of mile.

Fair grazing.

West, on random line bet. secs. 6 and 7.

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

77.96 Intersect the W. bdy. of the township 26 lks. N. of the cor. of secs. 1, 6, 7 and 12, heretofore described.

Thence,

N. 89°49' E., on true line bet. secs. 6 and 7.

Over rolling land through scattering undergrowth.

20.00 Base of gradual ascent over broken S. slope, bears NW. and SE.

37.96 On broken S. slope, 80 ft. above cor.

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

S6  
 $\frac{1}{4}$  —  
 S7

1924

Deposit a sandstone, 8 x 6 x 5 ins., at base of post, marked with a cross (X).

46.90 Leave broken S. slope, bears NE. and SW.; thence over rolling bench.

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

Chains

Land, broken and rolling with a general southerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

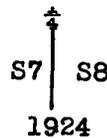
No timber.

Fair grazing.

S.  $0^{\circ}03'$  E., bet. secs. 7 and 8.

Over rolling land through scattering undergrowth and timber.

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



From which,

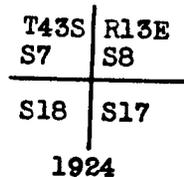
A juniper, 4 ins. diam., bears S.  $18^{\circ}15'$  E., 102 lks. dist., marked  $\frac{1}{4}$  S8 BT.

A juniper, 6 ins. diam., bears N.  $48^{\circ}$  W., 72 lks. dist., marked  $\frac{1}{4}$  S7 BT.

78.30 Gulch, 40 ft. deep, drains SW. for 2.00 chs., thence W

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.



From which,

A pinon, 3 ins. diam., bears N.  $48^{\circ}30'$  E., 85 lks. dist., marked BT.

A pinon, 8 ins. diam., bears S.  $30^{\circ}30'$  E., 66 lks. dist., marked T43S R13E S17 BT.

Subdivision of T. 43 S., R. 13 E.

A pinon, 4 ins. diam., bears S. 50°15' W., 82 lks. dist., marked T43S R13E S18 BT.

A pinon, 10 ins. diam., bears N. 62° W., 174 lks. dist., marked T43S R13E S7 BT.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

Timber, scattering juniper and pinon.

Fair grazing.

S. 89°54' E., on random line bet. secs. 8 and 17.

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

79.96 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence,

N. 89°51' W., on true line bet. secs. 8 and 17.

Over broken land through scattering undergrowth and timber.

39.98 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S8
$\frac{1}{4}$
S17
1924

From which,

A pinon, 4 ins. diam., bears N. 48°30' E., 58 lks. dist., marked  $\frac{1}{4}$  S8 BT.

A pinon, 4 ins. diam., bears S. 31°15' W., 59 lks. dist., marked  $\frac{1}{4}$  S17 BT.

79.96 The cor. of secs. 7, 8, 17 and 18.

Land, broken, with a general westerly exposure and drainage.

Subdivision of T. 43 S., R. 15 E.

Chains	
	Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattering amole plant, mountain rush, b and rabbit brush. Timber, scattering juniper and pinon. Fair grazing.
	S. 89°49' W., on random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.10	Intersect the W. bdy. of the township, 7 lks. N. of th cor. of secs. 7, 12, 13 and 18, heretofore described Thence, N. 89°46' E., on true line bet. secs. 7 and 18. Over broken land through scattering undergrowth and timber.
11.00	Small seep of water, bears North, 6.00 chs. dist.
38.10	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S7 S18 1924
	From which, A pinon, 4 ins. diam., bears N. 35°30' E., 148 lks. dist., marked $\frac{1}{4}$ S7 BT. A pinon, 4 ins. diam., bears S. 35°30' W., 211 lks. dist., marked $\frac{1}{4}$ S18 BT.
53.30	Wash, 50 lks. wide, 35 ft. deep, drains NW.
78.10	The cor. of secs. 7, 8, 17 and 18. Land, broken, with a general northwesterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattering amole plant, mountain rush, and blackbrush. Timber, scattering juniper and pinon. Fair grazing.

Subdivision of T. 43 S., R. 13 E.

- S.  $0^{\circ}03'$  E., bet. secs. 17 and 18.  
 Over broken land through scattering undergrowth, and timber.
- 3.10 Gulch, 50 ft. deep, drains W.
- 33.70 North fork of gulch, 40 ft. deep, drains SW.
- 34.80 Spur, 40 ft. high, projects SW.
- 38.70 South fork of gulch, 40 ft. deep, drains SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

1
S18   S17
1924

From which,

A juniper, 6 ins. diam., bears N.  $63^{\circ}30'$  E., 51 lks. dist., marked  $\frac{1}{4}$  S17 BT.

A pinon, 10 ins. diam., bears N.  $44^{\circ}45'$  W., 86 lks. dist., marked  $\frac{1}{4}$  S18 BT.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.

T43S   R13E
S18   S17
S19   S20
1924

From which,

A pinon, 8 ins. diam., bears N.  $12^{\circ}30'$  E., 95 lks. dist., marked T43S R13E S17 BT.

A pinon, 8 ins. diam., bears S.  $60^{\circ}$  W., 90 lks. dist., marked T43S R13E S19 BT.

A pinon, 8 ins. diam., bears N.  $29^{\circ}45'$  W., 91 lks. dist., marked T43S R13E S18 BT.

No bearing tree to the SE. available.

Land, broken with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

**Chains**

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

Timber, scattering juniper and pinon.

Fair grazing.

S. 89°51' E., on random line bet. secs. 17 and 20.

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

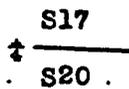
79.86 Intersect the cor. of secs. 16, 17, 20 and 21.

Thence,

N. 89°51' W., on true line bet. secs. 17 and 20.

Over broken land through scattering undergrowth and timber.

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



1924

From which,

A pinon, 10 ins. diam., bears N. 2° E., 170 lks. dist., marked  $\frac{1}{4}$  S17 BT.

A pinon, 6 ins. diam., bears S. 10°45' W., 57 lks. dist., marked  $\frac{1}{4}$  S20 BT.

56.30 Gulch, 30 ft. deep, drains NW.

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

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and black brush.

Timber, scattering juniper and pinon.

Fair grazing.

Subdivision of T. 43 S., R. 13 E.

S. 89°46' W., on random line bet. secs. 18 and 19.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

78.35 Intersect the W. bdy. of the township, 3 lks. S. of the cor. of secs. 13, 18, 19 and 24.

Thence,

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

Over broken land through scattering undergrowth, and timber.

88.35 On small spur, projects NW.

Set an iron post, 7 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{2}$  sec. cor., with brass cap marked.

S18  
-----  
S19  
  
1924

From which,

A juniper, 5 ins. diam., bears S. 17°15' E., 74 lks. dist., marked S19 NT.

A pinon, 4 ins. diam., bears N. 18°30' E., 45 lks. dist., marked S18 NT.

43.00 Wash, 60 lks. wide, 3 ft. deep, drains NW. from the E.; small seep of water in wash, about 8.00 chs. to the NW.; thence along bottom of wash.

53.00 Leave bottom of wash, drains W. from the SE.

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

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

Timber, scattering juniper and pinon.

Fair grazing.

Subdivision of T. 43 S., R. 13 E.

Chains

S. 0°03' E., bet. secs. 19 and 20.

Over broken land through scattering undergrowth and timber.

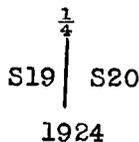
15.40 Gulch, 30 ft. deep, drains W.

18.50 Gulch, 30 ft. deep, drains NW.

36.20 Gulch, 40 ft. deep, drains NW.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



From which,

A pinon, 8 ins. diam., bears N. 67°30' E., 98 lks. dist., marked  $\frac{1}{4}$  S20 BT.

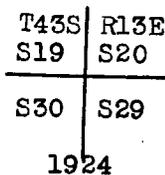
A pinon, 8 ins. diam., bears S. 75°15' W., 108 lks. dist., marked  $\frac{1}{4}$  S19 BT.

58.00 Wash, 30 lks. wide, 5 ft. deep, drains NW.

66.50 Wash, 30 lks. wide, 4 ft. deep, drains NW.

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 19, 20, 29 and 30, with brass cap marked.



From which,

A pinon, 10 ins. diam., bears N. 66°30' E., 97 lks. dist., marked T43S R13E S20 BT.

A pinon, 6 ins. diam., bears S. 63°15' E., 36 lks. dist., marked BT. Tree too scrubby for other marks.

A pinon, 12 ins. diam., bears S. 52°30' W., 164 lks. dist., marked T43S R13E S30 BT.

A pinon, 8 ins. diam., bears N. 53°15' W., 64 lks. dist., marked T43S R13E S19 BT.

Land, broken by ledges with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

Timber, scattering juniper and pinon.

Fair grazing.

S. 89°51' E., on random line bet. secs. 20 and 29.

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

79.92 Intersect the N. and S. line, 19 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence,

N. 89°59' W., on true line bet. secs. 20 and 29.

Over broken land through scattering undergrowth and timber.

39.96 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S20  
 $\frac{1}{4}$  —————  
S29  
1924

From which,

A pinon, 6 ins. diam., bears N. 35°30' E., 94 lks. dist., marked  $\frac{1}{4}$  S20 BT.

A pinon, 4 ins. diam., bears S. 21°15' W., 51 lks. dist., marked  $\frac{1}{4}$  S29 BT.

45.00 Gulch, 30 ft. deep, drains NW.

61.50 Wash, 30 lks. wide, 5 ft. deep, drains NW.

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

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

Chains

Timber, scattering juniper and pinon.

Fair grazing.

S. 89°47' W., on random line bet. secs. 19 and 30.

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

78.47 Intersect the W. bdy. of the township, 3 lks. N. of the cor. of secs. 19, 24, 25 and 30.

Thence,

N. 89°46' E., on true line bet. secs. 19 and 30.

Over broken land through scattering undergrowth, and timber.

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

S19  
 $\frac{1}{4}$  S30

1924

From which,

A pinon, 8 ins. diam., bears S. 29°45' E., 79 lks. dist., marked  $\frac{1}{4}$  S30 BT.

A pinon, 6 ins. diam., bears N. 11° W., 76 lks. dist., marked  $\frac{1}{4}$  S19 BT.

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

Land, broken with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

Timber, scattering juniper and pinon.

Fair grazing.

S. 0°03' E., bet. secs. 29 and 30.

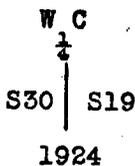
Over broken land through scattering undergrowth and timber.

40.00 Point for the  $\frac{1}{4}$  sec. cor. falls in bottom of gulch, 40 ft. deep, drains W., where it is impossible to set a permanent cor.

Subdivision of T. 43 S., R. 13 E.

Chain

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

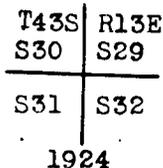


From which,

A pinon, 12 ins. diam., bears S.  $77^{\circ}30'$  E., 97 lks. dist., marked  $\frac{1}{4}$  S19 WC BT.

A pinon, 14 ins. diam., bears S.  $71^{\circ}$  W., 62 lks. dist., marked  $\frac{1}{4}$  S30 WC BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.



From which,

A juniper, 6 ins. diam., bears N.  $66^{\circ}15'$  E., 110 lks. dist., marked T43S R13E S29 BT.

A pinon, 12 ins. diam., bears S.  $52^{\circ}45'$  E., 79 lks. dist., marked T43S R13E S32 BT.

A pinon, 6 ins. diam., bears S.  $76^{\circ}45'$  W., 69 lks. dist., marked T43S R13E S31 BT.

A pinon, 4 ins. diam., bears N.  $54^{\circ}15'$  W., 29 lks. dist., marked T43S R13E S30 BT.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

Timber, scattering juniper and pinon.

Fair grazing.

Chains

S. 89°59' E., on random line bet. secs. 29 and 32.

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

80.00 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence,

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

Over broken land through scattering undergrowth and timber.

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

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

1924

From which,

A pinon, 6 ins. diam., bears S. 58° W., 58 lks. dist., marked  $\frac{1}{4}$  S32 BT.

A pinon, 8 ins. diam., bears N. 64°15' W., 97 lks. dist., marked  $\frac{1}{4}$  S29 BT.

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

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush and blackbrush.

Timber, scattering juniper and pinon.

Fair grazing.

S. 89°46' W., on random line bet. secs. 30 and 31.

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

78.54 Intersect the W. bdy. of the township, 3 lks. S. of the cor. of secs. 25, 30, 31 and 36, heretofore described

Thence,

N. 89°47' E., on true line bet. secs. 30 and 31.

Over rolling land through scattering undergrowth and timber.

## Subdivision of T. 43 S. R. 13 E.

78.00

Land becomes broken, bears N. and S.

78.54

On surface rock, mark a cross (X) over which  
Set an iron post, 3 ft. long, 1 in.diam., in a mound of  
stones, 4 ft. base, 3 ft. high for  $\frac{1}{4}$  sec. corner, with  
brass cap marked

$\frac{1}{4}$  S30  
S31  
1924

from which

A pinon pine, 4 in. diam. bears N. 43° E. 40 lks.  
dist., marked  $\frac{1}{4}$  S30 BT

A pinon pine, 5 ins. diam. bears S. 78° 15' W. 130  
lks. dist., marked  $\frac{1}{4}$  S31 BT

78.54

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

Land, rolling and broken, with a general westerly  
exposure and drainage.

Soil, shallow, loose sand and rock; 3d rate.

Undergrowth, scattering amole plant, mountain rush, and  
black brush.

Timber, scattering juniper and pinon.

Fair grazing.

S. 0° 03' E. bet. secs. 31 and 32,

Over broken land; through scattering undergrowth and  
timber.

33.08

Left flag for triangulation point.

34.03

On surface rock, mark a cross (X), over which  
set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, 4 ft. base, 3 ft. high for witness cor. to the  
 $\frac{1}{4}$  sec. cor. Secs. 31 and 32, with brass cap marked

$\frac{1}{4}$   
S31 | S32  
W/O  
1924

from which



Subdivision of T. 43 S. R. 13 E.

No suitable bearing trees available.

Land, broken; general southwesterly exposure and drainage.

Soil, shallow, loose, sand and rock; 3d rate.

Undergrowth, scattering amole plant, mountain rush, black brush.

Timber, scattering juniper and pinon pine.

Fair grazing.

Boundaries T. 43 S. R. 13 E.

Latitudes, Departures, and Closing Errors.

Line Designated	True Bearing	Dist.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
West Boundary	South	449.11	.....	449.11	.....	.....
Utah-Arizona State Boundary	195M N.89°57'E.	.50	.....	.....	.30	.....
	196M N.89°55'E.	81.88	.13	.....	81.88	.....
	197M N.89°54'E.	60.51	.11	.....	60.51	.....
	198M S.89°54'E.	95.87	.....	33.29	90.97	.....
	199M N.89°33'E.	74.80	.83	.....	74.80	.....
	199.75M S.89°31'E.	55.09	.....	.46	55.09	.....
	200M N.89°40'E.	20.16	.12	.....	20.16	.....
	201M East	79.41	.....	.....	79.41	.....
	202M N.89°43'E.	14.45	.06	.....	14.45	.....
East Boundary	North	481.59	481.59	.....	.....	.....
North Boundary	West	478.02	.....	.....	.....	478.02
Convergency						.85
			481.53	482.93	477.77	478.57
Error in lat and dep.				482.53		477.77
				.33		.80

GENERAL DESCRIPTION.

The land within the boundaries of this township is rough, and broken by the east and west breaks of Copper Canyon. The township has a general northerly and westerly exposure and drainage. The eastern portion is drained by Copper Canyon. This canyon forks in the west portion of Sec. 22. The west fork of the canyon

enters the township on the south boundary of Sec. 34 and drains in a northerly direction. The east fork enters the township on the south boundary of Sec. 35, and drains in a northwesterly direction. The main canyon drains in a northerly direction from the west portion of Sec. 22, and leaves the township on the north boundary of Sec. 3. The west two ranges of sections in this township are drained by small gulches and washes which drain in a westerly direction into Nokai Canyon.

The only timber found in the township is a few scattered scrub juniper and pinon pine.

A scattered undergrowth of amole plant, mountain black and rabbit brush and native grass is found throughout the township, which affords fair grazing for stock.

Small seeps of alkali water were found in the SW $\frac{1}{4}$  of the SW $\frac{1}{4}$  of Sec. 10; SW $\frac{1}{4}$  of SW $\frac{1}{4}$  Sec. 7; SW $\frac{1}{4}$  of SE $\frac{1}{4}$  Sec. 12 and SW $\frac{1}{4}$  of SW $\frac{1}{4}$  Sec. 13.

No portion of this township is suitable for farming. No settlers were in the township at the time of the survey.

No indications of oil, oil shale, coal, or mineral were found in this township.

The magnetic declination was not taken on account of a defective needle.

The soil within the township consists of a shallow, loose sand, mixed with loose rock, lying on sandstone bed-rock.

E.B.

BOOK A-485

4-680

FIELD ASSISTANTS.

NAMES.

CAPACITY.

Charles Sleeper

1st Chainman.

Merle Winbourne

1st Chainman.

Henry Synder

2nd Chainman.

Bryer Nartsbough

2nd Chainman.

Ray Kewles

Cornerman.

Jay Powell

Cornerman.

Joe Hunt

Flagman.

CERTIFICATE OF UNITED STATES SURVEYORS.

Chas. F. Moore and We, Robert C. Yundt, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 24th day of September, 1923, we have well, faithfully, and in our own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Resurvey of the Utah-Arizona State Boundary Line from the 195th mile post to the 201st mile post, Survey of the West Boundary and Subdivision of T. 43 S. R. 13 E.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented on the attached diagram and date diagram on dates shown on said diagram the foregoing field notes/as having been executed by us, and under our direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Date, March 3-1924
Place, Kayenta, Arizona.
Date May 21 1926
Place, Bishoptown, Ariz.

Chas. F. Moore U. S. Surveyor
Robert C. Yundt U. S. Surveyor

APPROVAL.

Supervisor of Surveys
OFFICE OF THE UNITED STATES

Denver, Colorado. August 22, 1927.

The foregoing field notes of the resurvey of the Utah-Arizona State Boundary Line from the 195th mile post to the 201st mile post; and survey of the west boundary and subdivision of T. 43 S., R. 13 E., S. L. B. & M.,

executed by Chas. F. Moore and Robert C. Yundt, U. S. Surveyors, under special instructions dated September 24, 1923, 191, having critically examined, and the necessary corrections and explanations made, the said field notes, and the same as they describe, are hereby approved.

Supervisor of Surveys

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

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Public Survey Office  
Salt Lake City, Utah

4-079

BOOK A-485

"C"

# FIELD NOTES

OF THE SURVEY OF THE

EIGHTH STANDARD PARALLEL SOUTH THROUGH RANGE 13 EAST;

WEST BOUNDARY, THE SUBDIVISION, AND MEANDERS OF THE SAN JUAN RIVER

O F

T. 41 S. R. 13 E.

Of the Salt Lake Base and Meridian,

the State of U T A H

EXECUTED BY

Chas. F. Moore

Willis W. Bandy

Eddie S. C. Smith

and Transitman  
ties  
the capacity of U. S. Surveyors, under instructions dated Sept. 24, 1933-191-

ed by the United States Surveyor General to govern surveys included in  
up No. 153, which were approved by the Commissioner of the General Land

ce, October 4 1923, 191- Assignment instructions dated September  
1924 and Supplemental assignment instructions dated Feb. 2, 1925,  
January 12, 1926.

Survey commenced January 24, 1925, 191-

Survey completed February 28, 1926, 191-

INDEX DIAGRAM.

		Township 41 South				Range 13 East					
		14	12	10	8	6	5				
22	6	88	5	73	4	61	3	49	2	33	1
	87		86		72		60		48		32
20	7	85	8	70	9	58	10	47	11	31	19
	84		83		70		57		45		30
19	18	82	17	69	16	57	15	44	14	29	18
	81		80		68		55		42		28
18	19	79	20	66	21	54	22	40	23	27	24
	79		78		65		53		38		26
17	30	77	29	64	28	52	27	36	26	25	25
	76		75		64		52		35		25
16	31	74	32	62	33	51	34	34	35	24	36

Meanders of the left bank of San Juan River, up stream, on pages 90, 91, 92, and 93.

Meanders of the right bank of San Juan River, up stream, on pages 93, 94, and 95.

Date Diagram

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

All lines colored in black were surveyed by Chas. F. Moore, U.S. Surveyor.

All lines colored in red were surveyed by Edie S.C. Smith, U.S. Transitman.

All lines colored in green were surveyed by Willis W. Bandy, U.S. Surveyor.

Meanders of the left bank of the San Juan River were surveyed April, 6, 10, and 11, 1925.

Meanders of the right bank of the San Juan River were surveyed February 23, 24, 25, 26, and 27, 1926.

Survey commenced January 24, 1925, and executed with Buff and Buff light mountain transit No. 9220 and Young and Son's light mountain transit No. 8396, used by Chas F. Moore, U.S. Surveyor; Buff and Buff light mountain transit No. 8098, used by Edie S.C. Smith, U.S. Transitman, and Young and Son's light mountain transit No. 8544, used by Willis W. Bandy, U.S. Surveyor. The instruments were approved for use on this survey, by the Assistant Supervisor of Surveys for District No. 1, conditional upon satisfactory field tests in assignments and instructions dated September 27, 1924; and supplemental assignment instruction dated February 3, 1925, and January 13, 1926.

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each equipped with double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circles.

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

March 31, 1925: At my camp, located near the center of sec. 29, T. 41 S., R. 13 E., in approximate latitude  $37^{\circ}13'$  N., longitude  $110^{\circ}34'$  W.; at 6h54m p.m. local mean time, I observe Polaris at western elongation, and mark the mean point in the line thus determined by a tack in a stake, driven firmly in the ground, about 10 chains to the N. of my station. Buff and Buff transit No. 9220 was used in making this observation. Azimuth of Polaris at western elongation= $1^{\circ}23'30''$ .

April 1, 1925: I lay off the azimuth of Polaris,  $1^{\circ}23'30''$ .

T. 41 S., R. 13 E.

to the east, and mark the meridian thus determined by a tack in a stake driven firmly in the ground, about 10 chains north.

At 9h 30m a.m. apparent time; with the instruments in the meridian, we set off  $37^{\circ}13'$  N. on the latitude arcs;  $4.33$  N., on the declination arcs; and determine a meridian with the solars, which we find to agree within  $1'$  of the true meridian.

At apparent noon, with instrument No. 9220, we make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's west limb; reversing the telescope and observing simultaneously the transit of the sun's east limb and the altitude of the sun's lower limb.

Mean observed altitude =	$57^{\circ} 22'$ .
Reduced latitude =	$37^{\circ}13'$ N.
Mean watch time of observation =	12h 4m 59s
Watch fast of local mean time	0h 1m 2s

At apparent noon, with the instruments in the meridian, and the latitude arcs unchanged, we find the readings of the declination arcs to be  $4^{\circ}35'$  N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off  $4^{\circ}39'$  N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within  $1'$  of the true meridian, we conclude that the instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on meridians determined by observations made on Polaris.

The survey of the townships adjoining this township to east, west and south, were made in the conjunction with the <sup>survey</sup> of this township, and for the final tests of the instruments, see tests given in the finished notes of the survey of these township.

#### Measurements.

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 5 chains in length, compared with a Tufkin standard steel tape 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

#### Method And Order of Procedure.

East boundary: This boundary was run north from the cor. Ts. 41 and 42 S., Rs. 13 and 14 E., to an intersection with the eighth standard parallel south, where the closing cor. of Ts. 41 S., Rs. 13 and 14 E. was set. The distance of this boundary is 478.58 chs. and the fractional distance placed in the northern half mile. This boundary was surveyed during the progress of the survey of T. 41 S., R. 14 E., and the official record of the survey of this boundary, will be found in the finished notes of the survey of this township.

South boundary: This boundary was run west from the cor. Ts. 41 and 42 S., Rs. 13 and 14 E., a distance of 477.82 chs., where the cor. of Ts. 41 and 42 S., Rs. 12 and 13 E. was set. The fractional distance of this boundary was placed in the western half mile. This boundary was surveyed during the progress of the survey

## T. 41 S., R. 13 E.

T. 42 S., R. 13 E., and the official records of the survey of this boundary, will be found in the finished notes of this township.

West boundary: This boundary was run north from the cor. Ts. 41 and 42 S., Rs. 12 and 13 E., a distance of 479.29 chs. to an intersection with the eighth standard parallel south, where the closing cor. Ts. 41 S., Rs. 12 and 13 E. was set. The fractional distance of this boundary was placed in the northern half mile.

Eighth standard parallel south: This line was run west from the standard cor. Ts. 40 S., Rs. 13 and 14 E., a distance of 6 miles, where the standard cor. Ts. 40 S., Rs. 12 and 13 E. was set.

Subdivision: The township was subdivided from the east to the west and from the south to the north and the fractional distances placed against the north and west boundaries of the township.

The San Juan River flows in a westerly direction through the north portion of the township, and the right and left banks of this river were meandered.

Monitor Mesa is located in the central portion of the township and the top of this mesa can only be reached by man with the aid of ropes, therefore, as it is impracticable to get iron posts on top of this mesa, stone corners were used in place of the iron posts on this portion of the township.

## Eighth Standard Parallel South, R. 13 E.

From the standard cor. Ts. 40 S., Rs. 13 and 14 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records of the survey T. 41 S., R. 14 E.

West, along the S. bdy. sec. 36.

Over rolling land through scattered undergrowth.

Eighth Standard Parallel South, R. 13 E.

Chains

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

SC  
 $\frac{1}{4}$  S36

1925

44.50 Raise a mound of stone, 5 ft. base, 3 ft. high N. of cor. Wash, 100 lks. wide, 5 ft. deep, drains NE.

56.58 Mean high water mark of the left bank of the San Juan River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for meander cor. sec. 36, with brass cap marked.

T40S  
R13E  
MC S36

1925

Deposit a sandstone, 16 x 6 x 4 ins., at base of post, marked with a cross (X). No other suitable accessories available.

As the river channel at this point is approximately  $1\frac{1}{2}$  miles wide and the stream is near the right bank, I continue across river channel by chaining

80.00 Point for the standard cor. secs. 35 and 36 falls in channel of the San Juan River.

Land, rolling, with a general westerly exposure and drainage.

Soil; shallow loose sand and rock; 3rd rate.

Undergrowth, scattered black and rabbit brush.

No timber.

Fair grazing.

West, along the S. bdy. of sec. 35.

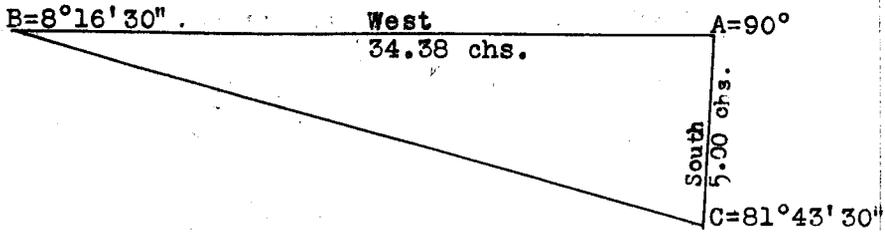
Over level bottom of the San Juan River channel.

38.53 Quick sand in bottom of river channel makes chaining to the west of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the W. From flag "A", measure

Eight Standard Parallel South, R. 13 E.

Chains

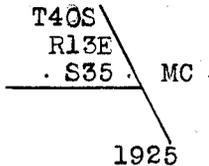
base line "AC", South, 5.00 chs. dist., from which point, flags "AB" subtend an angle of  $81^{\circ}43'30''$ .



Distance on line= 38.53 chs.  
 Distance by triangulation=  $\frac{34.38}{72.91}$  chs.

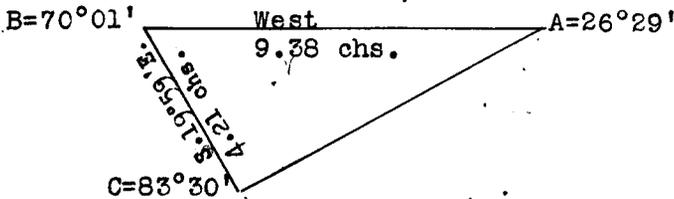
40.00 Point for the  $\frac{1}{4}$  sec. cor. falls in bottom of river channel.

72.91 To point "B" of triangulation at the mean high water mark of the left bank San Juan River, bears NW. and SE. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for meander cor. sec. 35, with brass cap marked.



Deposit a sandstone, 10 x 9 x 8 ins., at base of post, marked with a cross (X).

The line to the W. of this point, passes over inaccessible ledges over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the meander cor. and flag "B" on line W. From flag "B", measure base line "BC", S.  $19^{\circ}59'$  E., 4.21 chs. dist., from which point, flags "AB" subtend an angle of  $83^{\circ}30'$ .



Distance on line= 72.91 chs.  
 Distance by triangulation=  $\frac{9.38}{82.29}$  chs.  
 Distance by return measurement=  $\frac{2.29}{80.00}$  chs.

80.00 On abrupt E. slope of surface rock, 540 ft. above the meander cor.; mark a cross (X), over which:

**Eighth Standard Parallel South, R. 13 E.**

**Chains**

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for standard cor. sec. 34 and 35, with brass cap marked.

S	C
T40S	R13E
S34	S35

1925

Land, broken by ledges on W. portion of mile; level bottom of river channel on E. portion.

Soil, deep loose sand on east portion of mile; shallow loose sand and rock on W. broken; 3rd rate.

Undergrowth; scattered blackbrush on west portion of mile, none on E. portion.

No timber.

Fair grazing.

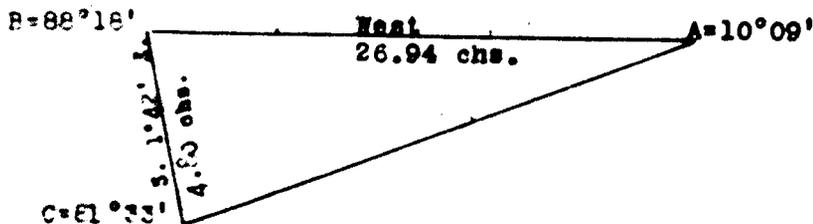
West, along the S. bdy. sec. 34.

Ascend abrupt E. slope of ledges through scattered undergrowth.

12.00 Flag "B" of triangulation, 50 ft. above cor. on top of rocky spur, projects NW.; descend abrupt W. slope.

17.00 High ledges make chaining to the west of this point impracticable, I therefore triangulate as follows.

Erect flag "A" at this point and flag "B" on line W. from flag "B", measure base line "BC", S. 1°42' E., 4.80 chs. dist., from which point, flags "AB" subtend an angle of 81°33'.



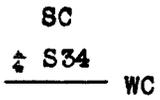
Distance on line=	13.85 chs.
Distance by triangulation=	26.94 chs.
	<u>40.79 chs.</u>
Distance by return measurement=	.14 chs.
	<u>40.83 chs.</u>

48.00 Point for the S. sec. cor. falls on inaccessible face of ledge.

High Standard Parallel South, R. 13 E.

Chains

40.65 On top of perpendicular ledge, 100 ft. high, bears N. and S.; 80 ft. below spur; mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the standard  $\frac{1}{2}$  sec. cor., with brass cap marked.



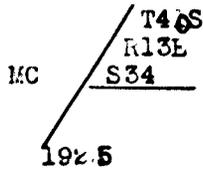
1925

40.79 To point "B" of triangulation; thence by direct measurement.

43.95 Top of rim rock, 100 ft. high, bears NE. and SW.

57.08 The mean high water mark of the left bank of the San Juan River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. sec. 34, with brass cap marked.

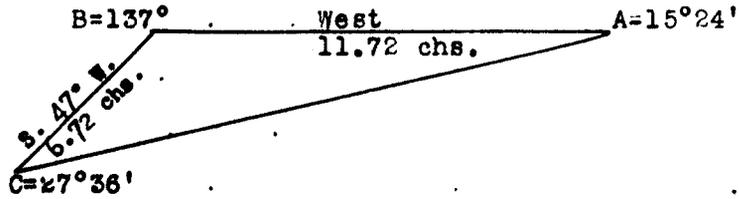


Deposit a sandstone, 5 x 5 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Thence by triangulation across river as follows.

Erect flag "A" at the meander cor., and flag "B" on line W. From flag "B", measure base line "BC", S. 47° W., 6.72 chs. dist., from which point, flags "AB" subtend an angle of 27°36'.



Distance on line=	57.08 chs.
Distance by triangulation=	11.72 chs.
	<u>68.80 chs.</u>

Note; The San Juan River, which is a stream about 4 chains wide and 3 ft. deep, at this point, flows in a south-westerly direction, and its course changes from one

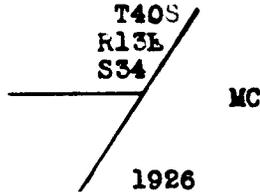
Chains

side of the river channel to the other.

68.80 To point "B" of triangulation.

68.94 The mean high water mark of the right bank of the San Juan River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for meander cor. sec. 34, with brass cap marked.

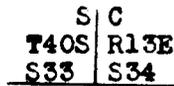


Raise a mound of stone, 3 ft. base, 2 ft. high, W. of

78.00 Base of rocky SE. slope, bears NE. and SW.

80.00 On SE. slope of surface rock, mark a cross (X), over w

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for standard cor. secs. 33 and 34, with brass cap marked.



1926

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered black and rabbit brush.

No timber.

Fair grazing.

West, along the S. bdy. sec. 33.

Ascend abruptly over broken SE. slope of ledges through scattered undergrowth.

12.00 Ledge, 10 ft. high, bears N. and S.

13.50 Spur, 200 ft. above base, projects S.; descend abrupt SW. slope.

37.00 Base of ledges, bears NW. and SE.; descend gradual SW. slope.

Eighth Standard Parallel South, R. 13 E.

chains

44.00 On gradual SW. slope, 150 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock and in a large mound of stone, for standard sec. cor., with brass cap marked.

SC  
1/4 S33

1926

Deposit a sandstone, 7 x 7 x 4 ins., at base of post, marked with a cross (X).

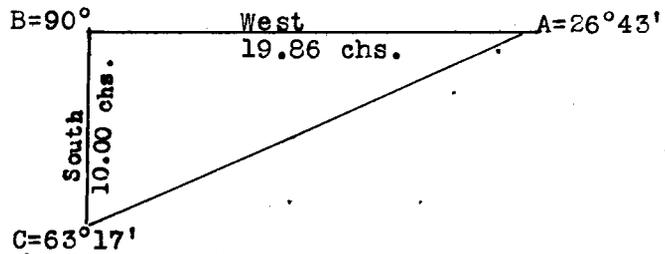
44.27 The mean high water mark of the right bank of the San Juan River, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. sec. 33, with brass cap marked.

T40S  
 R13E  
 S33  
 MC  
 1926

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Thence by triangulation across the San Juan River, which is a stream about 4 chains wide, 3 ft. deep and flows in northwesterly direction.

Erect flag "A" at the meander cor. and flag "B" on line W. From flag "B", measure base line "BC", South, 10.00 chs. dist., from which point, flags "AB" subtend an angle of 63°17'.



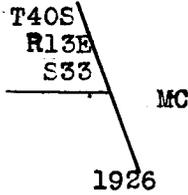
Distance on line=	44.27 chs.
Distance by triangulation=	19.86 chs.
	<u>64.13 chs.</u>

64.13 To point "B" of triangulation at the mean high water mark of the left bank of San Juan River, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

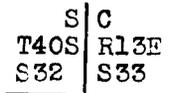
Chains

the ground, for meander cor. sec. 33, with brass cap marked.



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of c  
Thence by direct measurement across bottom lands of riv  
through dense undergrowth of willows.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in  
the ground, for standard cor. secs. 32 and 33, with  
brass cap marked.



1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of c  
Land, rolling and broken, with a general westerly expos  
and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered black and rabbit brush. Dense  
willows along bottom lands of the San Juan River.

No timber.

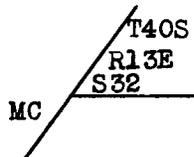
fair grazing.

West, along the S. bdy. sec. 32.

Over bottom lands of San Juan River through dense under  
growth.

3.95 The mean high water mark of the left bank San Juan Rive  
bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in t  
ground, for meander cor. sec. 32, with brass cap mark



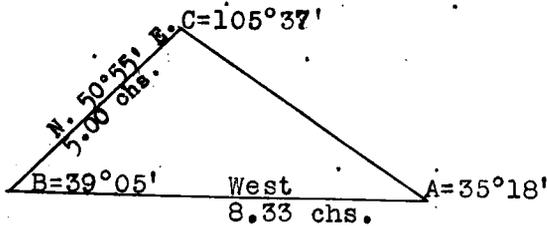
1926

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of c

. Eighth Standard Parallel South, R. 13 E.

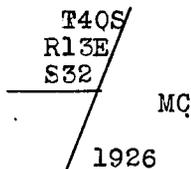
Chains

- 4.37 Triangulate as follows across San Juan River, which is a stream, about 4,00 chs. wide, 3 ft. deep, which flows in a southwesterly direction. Erect flag "A" at this point and flag "B" on line W. From flag "B", measure base line "BC", N. 50°55' E., 5.00 chs. dist., from which point, flags "AB" subtend an angle of 105°37'.



Distance on line=	4.37 chs.
Distance by triangulation=	8.33 chs.
	<u>12.70 chs.</u>

- 12.70 To point "B" of triangulation; thence by direct measurement.
- 24.89 The mean high water mark of the right bank of San Juan River, bears NE. and SW.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. sec. 32, with brass cap marked.



- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence over bottom lands of river.
- 30.00 Leave dense undergrowth at base of abrupt ascent over SE. slope, bears NE. and SW.; thence through scattered undergrowth.
- 36.50 Top of ascent, 40 ft. above base, bears N. and S.; descend gradual W. slope.
- 39.00 Draw, 30 ft. below top of ascent, drains S.; ascend gradual SE. slope.
- 40.00 On gradual SE. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for standard  $\frac{1}{4}$  sec. cor., with brass cap marked.

Chains

SC  
1/4 S32

1926

Deposit a sandstone, 8 x 6 x 3 ins., at base of post, marked with a cross (X).

73.20 Top of ascent, 210 ft. above base, bears N. and S.; descend gradual SW. slope.

80.00 On gradual SW. slope, 20 ft. below top of ascent. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in ground to bedrock and in a large mound of stone, for standard cor. secs. 31 and 32, with brass cap marked.

S | C  
T40S | R13E  
S31 | S32

1926

Deposit a sandstone, 9 x 9 x 3 ins., at base of post, marked with a cross (X).

Land, rolling and broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate; deep loose sand along bottom lands of San Juan River.

Undergrowth, scattered shadscale and dense willows on portions of mile.

No timber.

Fair grazing.

West, along the S. bdy. sec. 31.

Over broken land through scattered undergrowth.

40.00 On broken land, 160 ft. above cor., Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock and in a large mound of stone, for standard 1/4 sec. cor., with brass cap marked.

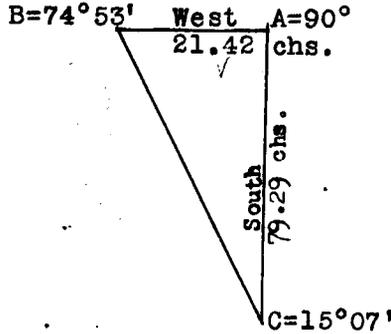
SC  
1/4 S31

1926

Deposit a sandstone, 10 x 4 x 3 ins., at base of post, marked with a cross (X).

Chains

53.09 Base of inaccessible ledges over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line W. From flag "A", measure base line "AC", South, 79.29 chs. dist., from which point, flags "AB" subtend an angle of 15°07'.



Distance on line =	53.09 chs.
Distance by triangulation=	21.42 chs.
	<u>74.51 chs.</u>

- 70.00 Approximate distance; base of perpendicular ledge, 300 ft. high, bears N. and S.
- 74.51 To point "B" of triangulation; thence by direct measurement over broken E. slope.
- 77.50 Ridge, 350 ft. above the sec. cor., bears NE. and SW.; descend abrupt NW. slope of ridge.
- 79.73 On broken NW. slope of surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the standard cor. Ts. 40 S., Rs. 12 and 13 E., with brass cap marked.

SC	
T40S	
R12E	R13E
<u>S36</u>	<u>S31</u>
WC	

1926

From which,

A juniper, 9 ins. diam., bears N. 25° E., 120 lks. dist., marked WC T40S R13E S31 SC BT.

A juniper, 5 ins. diam., bears N. 60° W., 84 lks. dist., marked BT. Tree too scrubby for other marks.

80.00 True point for the cor. falls on steep NW. slope of surface rock, 50 ft. below top of ridge, where it is

Chains

impracticable to set a permanent cor.  
Land, broken, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush and mountain rush.

Timber, a few scattered scrub juniper on W. portion of mile.

fair grazing.

West Boundary, T. 41 S., R. 13 E.

From the cor. Ts. 41 and 42 S., Rs. 12 and 13 E., which is an iron post, 3 ins. diam., set, mark and witness as described in the official records of the survey T. 42 S., R. 13 E.

North, bet. secs. 31 and 36, along the W. bdy. of the township.

Descend gradually over broken NE. slope through scattered undergrowth.

40.00 On abrupt E. slope, 260 ft. below township cor.

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

$\frac{1}{4}$   
 S36 | S31  
 1925

Deposit a sandstone, 12 x 11 x 8 ins., at base of post, marked with a cross (X).

80.00 On broken NE. slope, 140 ft. below the  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 25, 30, 31 and 36, with brass cap marked.

T41S  
 R12E | R13E  
 S25 | S30  
 S36 | S31  
 1925

Chains

Deposit a sandstone, 12 x 12 x 4 ins., at base of post, marked with a cross (X).

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush and mountain rush.

No timber.

Fair grazing.

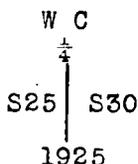
North, bet. secs. 25 and 30.

Descend gradually over broken E. breaks of No Man's Land Mesa, through scattered undergrowth.

17.10 Draw, 90 ft. below cor., drains NE.; continue gradual descent.

39.86 On broken NE. slope, 440 ft. below sec. cor.

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



Deposit a sandstone, 8 x 5 x 4 ins., at base of post, marked with a cross (X).

40.00 True point for the  $\frac{1}{4}$  sec. cor. falls on abrupt slope of clay hill where it is impossible to set a permanent cor.

80.00 On broken NE. slope, 180 ft. below the witness cor. to the  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 19, 24, 25 and 30, with brass cap marked.

Chains

T41S	
R12E	R13E
S24	S19
1925	

Deposit a sandstone, 8 x 6 x 3 ins., at base of post, marked with a cross (X).

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush and mountain rush.

No timber.

Fair grazing.

North, bet. secs. 19 and 24.

Over broken NE. breaks of No Man's Land Mesa through scattered undergrowth.

40.00 On broken NE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$	
S24	S19
1925	

Deposit a sandstone, 6 x 5 x 3 ins., at base of post, marked with a cross (X).

73.00 Old road, bears NW. to Zahn's mining camp and SE. to Kayenta, Arizona.

80.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 13, 19 and 24, with brass cap marked.

T41S	
R12E	R13E
S13	S18
S24	S19
1925	

Chains

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush and mountain rush.

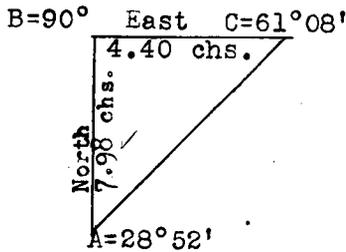
No timber.

Fair grazing.

North, bet. secs. 13 and 18.

Over broken land through scattered undergrowth.

8.62 Left rim of Copper Canyon, bears NW. and SE., over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line N. From flag "B", measure base line "BC", East, 4.40 chs. dist., from which point, flags "AB" subtend an angle of  $61^{\circ}08'$ .



Distance on line =	8.62 chs.
Distance by triangulation =	7.98 chs.
	<u>16.60 chs.</u>

9.50 Approximate distance; bottom of Copper Canyon, 100 ft. deep, drains NW.

12.00 Approximate distance; right rim of Copper Canyon, bears NW. and SE.

16.60 To point "B" of triangulation.

29.00 Old road, bears E. and W.

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

S13 | S18

1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

West Boundary T. 41 S., R. 15 E.

Chains

- 45.00 Draw, 90 ft. below the  $\frac{1}{2}$  sec. cor., drains NW.; ascend gradual SW. slope.
- 49.60 The NW. point of spur, 120 ft. above draw; descend gradual NW. slope.
- 68.62 Same road as last, bears NE. and SW.  
bears NE. and SW.
- 79.79 On perpendicular rim, 55 ft. high on left bank of San Juan River; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for meander cor. secs. 13 and 18, with brass cap marked.

MC

S13	S18
R12E	R13E
T41S	
1925	

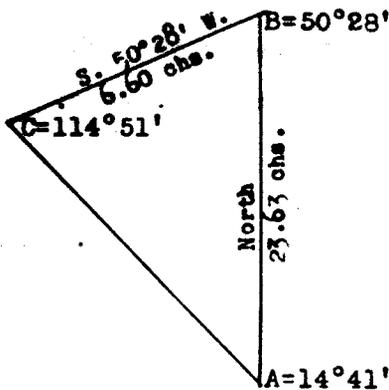
- 80.00 True point for the sec. cor. falls in bottom of river. Land, broken, with a general northeasterly exposure and drainage.
- Soil, shallow loose sand and rock; 3rd rate.
- Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.
- No timber.
- Fair grazing.

North, bet. secs. 7 and 12.

As the true point for the cor. secs. 7, 12, 13 and 18, is in bottom of the San Juan River, I commence at the meander cor. secs. 13 and 18, which is 21 lks. S. of point for the sec. cor., and triangulate across the river. The river at this point flows in a southwesterly direction and is a stream about 4.00 chs. wide and 3 deep.

Erect flag "A" at the meander cor. and flag "B" on line. From flag "B", measure base line "BC", S. 50°28' W., 6.60 chs. dist., from which point, flags "AB" subtend angle of 114°51'.

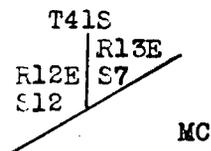
Chains



Distance by triangulation = 23.63 chs.  
 Distance to point for sec. cor. = .21 chs.  
23.42 chs.

23.42 The mean high water mark of the right bank of the San Juan River, bears NE. and SW.

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



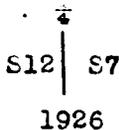
1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Thence by direct measurement; over broken land through scattered undergrowth.

36.00 Base of gradual ascent over SE. slope, bears NE. and SW.

40.00 On broken SE. slope, 100 ft. above river.

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



Deposit a sandstone, 10 x 7 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

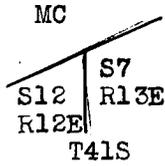
47.50 Spur, 60 ft. above the sec. cor., projects E.; descend gradual NE. slope..

76.98 The mean high water mark of the right bank of San Juan River, 100 ft. below spur, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the

Chains

ground to bedrock and in a large mound of stone, for meander cor. secs. 7 and 12, with brass cap marked.



1925

Deposit a sandstone, 10 x 8 x 3 ins., at base of post, marked with a cross (X).

Thence across river bed to the W. of the stream.

80.00 True point for the cor. secs. 1, 6, 7 and 12 falls in bottom of the San Juan River bed.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush; dense willows along bottom lands of river.

No timber.

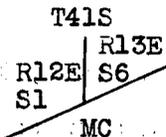
Fair grazing.

North, bet. secs. 1 and 6, from true point for cor. sec. 1, 6, 7 and 12.

Over bottom of San Juan River bed.

28.92 The mean high water mark of the right bank San Juan River bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for meander cor. secs. 1 and 6, with brass cap marked.



1926

From which,

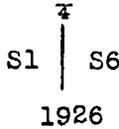
A cottonwood, 14 ins. diam., bears N. 1°30' E., 151 lks. dist., marked T41S R13E S6 MC BT.

A cottonwood, 8 ins. diam., bears N. 72° W., 128 lks. dist., marked T41S R12E S1 MC BT.

Chains

Thence across bottom land of river through dense willow undergrowth.

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



Deposit a sandstone, 8 x 8 x 5 ins., at base of post, marked with a cross (X).

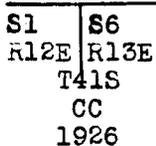
45.00 Leave bottom land of San Juan River and ascend abrupt S. slope, bears E. and W.

79.29 Intersect the eighth standard parallel south, East, 26.91 chs. dist. from the true point for the standard cor. Ts. 40 S., Rs. 12 and 13 E., which is West, 27 lks. distant from the witness cor. to said cor.

At point of intersection.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. Ts. 41 S., Rs. 12 and 13 E., with brass cap marked.

T40S R13E  
S31



Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Land, broken, with a general southerly exposure and drainage.

Soil, shallow sandy loam and rock on slopes; 3rd rate. deep loose sand in bottom lands of river; 3rd rate.

Undergrowth, scattered shadscale and blackbrush on slopes; dense willows in bottom lands of river.

Timber, scattered cottonwood along bottom lands of river.

Fair grazing.

Subdivision, T. 41 S., R. 13 E.

Chains

From the cor. secs. 1, 2, 35 and 36, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set marked and witnessed as described in the official records of the survey T. 42 S., R. 13 E.

N. 0°01' W., bet. secs. 35 and 36.

Over rolling and broken land through scattered undergrowth.

17.30 Wash, 30 lks. wide, 4 ft. deep, drains NE.

40.00 On rolling land.

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

4
S35   S36
1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

68.50 Draw, 20 ft. deep, drains NE.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in ground to bedrock and in a large mound of stone, for cor. secs. 25, 26, 35 and 36, with brass cap marked.

T41S   R13E
S26   S25
S35   S36
1925

Deposit a sandstone, 12 x 6 x 3 ins., at base of post, marked with a cross (X).

Land, rolling and broken, with a general northeasterly exposure and drainage.

Soil, shallow sand, gravel and clay; 3rd rate.

Undergrowth, scattered black and rabbit brush and mountain rush.

No timber.

Fair grazing.

**Chains**

East, on random line bet. secs. 25 and 36.

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

80.04 Intersect the cor. secs. 25, 30, 31 and 36, on the E. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 41 S., R. 14 E.

Thence,

West, on true line bet. secs. 25 and 36.

Over rolling and broken land through scattered undergrowth.

3.00 Top of rim rock, 25 ft. high, bears NE. and SW.

22.00 Wash, 35 lks. wide, 5 ft. deep, drains N.

24.00 Top of ledge, 20 ft. high, bears N. and S.

40.02 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$$\begin{array}{r} S25 \\ \hline \frac{1}{4} \\ S36 \end{array}$$

1925

54.00 Wash, 20 lks. wide, 3 ft. deep, drains NE.

80.04 The cor. secs. 25, 26, 35 and 36.

Land, rolling and broken with a general northeasterly exposure and drainage.

Soil, loose sand and gravel; 3rd rate.

Undergrowth, scattered black and rabbit brush and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 25 and 26.

Over rolling and broken land through scattered undergrowth.

9.00 Wash, 30 lks. wide, 4 ft. deep, drains E.

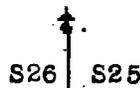
34.50 Wash, 50 lks. wide, 2 ft. deep, drains N. 60° E.

40.00 On rolling SE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the

Chains

ground to bedrock and in a large mound of stone, for  
 $\frac{1}{4}$  sec. cor., with brass cap marked.

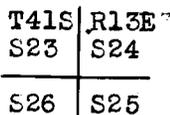


1925

Deposit a sandstone, 6 x 6 x 5 ins., at base of post,  
 marked with a cross (X).

- 42.00 The E. end of rocky spur, 200 ft. high,
- 45.00 Wash, 30 lks. wide, 3 ft. deep, drains E.
- 56.50 The E. point of spur, 60 ft. high.
- 67.80 Wash, 30 lks. wide, 4 ft. deep, drains E.
- 80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in  
 the ground to bedrock and in a large mound of stone,  
 cor. secs. 23, 24, 25 and 26, with brass cap marked.



1925

Deposit a sandstone, 10 x 10 x 8 ins., at base of post,  
 marked with a cross (X).

Land, rolling and broken, with a general easterly  
 exposure and drainage.

Soil, shallow loose sand, gravel and clay; 3rd rate.

Undergrowth, scattered black and rabbit brush and  
 mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 24 and 25.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.10 Intersect the E. bdy. of the township, 7 lks. N. of the  
 cor. secs. 19, 24, 25 and 30, which is an iron post,  
 2 ins. diam., set, marked and witnessed as described  
 in the official records of the survey T. 41 S., R. 14  
 Thence,

Chains

N. 89°57' W., on true line bet. secs. 24 and 25.

Over rolling and broken land through scattered undergrowth.

27.00 Wash, 150 lks. wide, 5 ft. deep, drains N. 70° E.

40.05 On level bench land.

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

S24

S25

1925

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

80.10 The cor. secs. 23, 24, 25 and 26.

Land, rolling and broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and gravel; 4th rate.

Undergrowth, scattered black and rabbit brush and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 23 and 24.

Over broken land through scattered undergrowth.

1.80 Wash, 20 lks. wide, 2 ft. deep, drains NE.

10.90 Wash, 15 lks. wide, 2 ft. deep, drains E.

11.80 Top of red clay spur, 50 ft. high, projects E., 8.00 chs. dist.

18.50 Wash, 30 lks. wide, 3 ft. deep, drains NE.

31.70 Base of gradual ascent, bears E. and W.

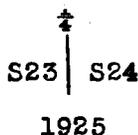
37.10 Top of spur, 50 ft. high, projects E.

40.00 On broken N. slope. 30 ft. below spur.

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

Subdivision, T. 41 S., R. 13 E.

Chains



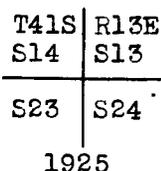
Deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked with a cross (X).

65.50 Wash, 20 lks. wide, 2 ft. deep, drains NE.

71.30 Wash, 15 lks. wide, 2 ft. deep, drains NE.

80.00 On broken land, 190 ft. below the cor. secs. 23, 24, 25 and 26.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 13, 14, 23 and 24, with brass cap mark



Deposit a sandstone, 12 x 12 x 10 ins., at base of post marked with a cross (X).

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered black and rabbit brush and mountain rush.

No timber.

Fair grazing.

S. 89°57' E., on random line bet. secs. 13 and 24.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.12 Intersect the E. bdy. of the township, 7 lks. S. of the cor. secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 41 S., R. 14

Thence,

West, on true line bet. secs. 13 and 24.

Over rolling land through scattered undergrowth.

6.00 Wash, 100 lks. wide, 4 ft. deep, drains NE.

Drains

- 41.00 Wash, 10 lks. wide, 1 ft. deep, drains N.
- 49.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S13  
 $\frac{1}{4}$  —————  
 S24  
 1925

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

- 49.00 Wash, 30 lks. wide, 3 ft. deep, drains NE.
- 55.50 Wash, 20 lks. wide, 2 ft. deep, drains NE.
- 78.00 Wash, 20 lks. wide, 2 ft. deep, drains NE.
- 80.12 The cor. secs. 13, 14, 23 and 24.

Land, rolling, with a general northeasterly exposure and drainage.

Soil, loose sand and gravel; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 13 and 14.

Over broken land through scattered undergrowth.

- 29.60 Wash, 30 lks. wide, 3 ft. deep, drains E.

- 40.00 In broken red clay hills.

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

$\frac{1}{4}$   
 S14 | S13  
 1925

Deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked with a cross (X).

- 58.50 Wash, 25 lks. wide, 3 ft. deep, drains E.
- 73.70 Wash, 30 lks. wide, 3 ft. deep, drains NE.; ascend over rimrock, bears E. and SW.

Subdivision, T. 41 S., R. 13 E.

Chains							
80.00	<p>At top of rimrock, 60 ft. above base, bears E. and SW.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in ground, to bedrock and in a large mound of stone, for cor. secs. 11, 12, 13 and 14, with brass cap marked.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">T41S</td> <td style="padding: 2px;">R13E</td> </tr> <tr> <td style="padding: 2px;">S11</td> <td style="padding: 2px;">S12</td> </tr> <tr> <td style="padding: 2px;">S14</td> <td style="padding: 2px;">S13</td> </tr> </table> <p style="text-align: center;">1925</p> <p>Deposit a sandstone, 10 x 10 x 4 ins., at base of post, marked with a cross (X).</p> <p>Land, broken, with a general northeasterly exposure and drainage.</p> <p>Soil, shallow loose sand and rock; 3rd rate.</p> <p>Undergrowth, scattered blackbrush and mountain rush.</p> <p>No timber.</p> <p>Fair grazing.</p> <hr/> <p>East, on random line bet. secs. 12 and 13.</p>	T41S	R13E	S11	S12	S14	S13
T41S	R13E						
S11	S12						
S14	S13						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
80.20	<p>Intersect the E. bdy. of the township, 3 lks. N. of the cor. secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 41 S., R. 14</p> <p>Thence,</p> <p>N. 89°59' W., on true line bet. secs. 12 and 13.</p> <p>Over broken land through scattered undergrowth.</p>						
26.00	Wash, 30 lks. wide, 3 ft. deep, drains N.						
32.60	Wash, 100 lks. wide, 4 ft. deep, drains NE.						
40.10	<p>On surface rock, mark a cross (X), over which.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;"><math>\frac{1}{4}</math></td> <td style="padding: 2px;">S12</td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">S13</td> </tr> </table> <p style="text-align: center;">1925</p>	$\frac{1}{4}$	S12		S13		
$\frac{1}{4}$	S12						
	S13						
63.50	Wash, 30 lks. wide, 3 ft. deep, drains NE.						

Subdivision, T. 41 S., R. 13 E.

**Chains**

78.90 Top of 60 ft. ascent at top of rimrock, bears NE. and SW.

80.20 The cor. secs. 11, 12, 13 and 14.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and gravel; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 11 and 12.

Over broken land through scattered undergrowth.

4.50 The perpendicular walls of the E. end of high sandstone spur makes chaining to the N. on line impossible, I therefore return to the sec. cor. and run on offset line as follows.

East, 8.53 chs.

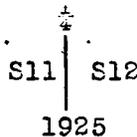
N. 0°01' W., 27.25 chs.

West, 8.53 chs. to:

27.25 Point on true line at the NE. end of broken sandstone spur from the S.; thence on true line.

40.00 On right bank of wash, 30 lks. wide, 3 ft. deep, drains NE.

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



Deposit a sandstone, 8 x 7 x 6 ins., at base of post, marked with a cross (X).

49.00 Wash, 30 lks. wide, 3 ft. deep, drains NE.

80.00 On broken land.

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

Chains

T41S	R13E
S2	S1
S11	S12

1925

Deposit sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rash.

No timber.

Fair grazing.

S. 89°59' E., on random line bet. secs. 1 and 12.

40.00 Set temp. sec. cor.

80.16 Intersect the E. bdy. of the township, 3 lks. S. of the cor. secs. 1, 6, 7 and 12, which is an iron post, 2 in diam., set, marked and witnessed as described in the official records of the survey T. 41 S., R. 14 E.

Thence,

West, on true line bet. secs. 1 and 12.

Over broken land through scattered undergrowth.

15.70 Wash, 60 lks. wide, 5 ft. deep, drains NW.

40.08 On right bank of wash, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap marked.

S1
1/4
S12

1925

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

41.50 Wash, 150 lks. wide, 5 ft. deep, drains NW.

50.00 Top of rimrock, 30 ft. high, bears NW. and SE.

80.16 The cor. secs. 1, 2, 11 and 12.

Land, broken, with a general northwesterly exposure and drainage.

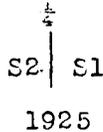
Chains

Soil, shallow loose sand and gravel; 3rd rate.  
 Undergrowth, scattered blackbrush and mountain rush.  
 No timber.  
 Fair grazing.

N. 0°01' W., bet. secs. 1 and 2.

Over rolling land through scattered undergrowth.

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



Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

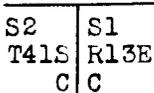
41.60 Wash, 10 lks. wide, 1 ft. deep, drains NW.

78.33 Intersect the eighth standard parallel south, 43 lks. E. of the meander cor. sec. 36, T. 40 S., R. 13 E., heretofore described.

At point of intersection.

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

T40S R13E  
 S36



1925

Deposit a sandstone, 7 x 6 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand, rock and gravel; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

Subdivision, T. 41 S., R. 13 E.

Chains

From the cor. secs. 2, 3, 34 and 35, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set marked and witnessed as described in the official records of the survey T. 42 S., R. 13 E.

N. 0°01' W., bet. secs. 34 and 35.

Over broken top of bench land through scattered undergrowth.

30.00 Wash, 20 lks. wide, 3 ft. deep, drains NW.

40.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{2}$  sec. cor., with brass cap marked.

↓
S34   S35
1925

68.30 Top of abrupt descent over NE. slope of bench, bears NW. and SE.

79.00 On abrupt NE. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, witness cor. to the cor. secs. 26, 27, 34 and 35, with brass cap marked.

	W C	
T41S		R13E
S27		S26
S34		S35

1925

Deposit a sandstone, 8 x 6 x 7 ins., at base of post, marked with a cross (X).

80.00 True point for the sec. cor. falls in bottom of gulch, 200 ft. below bench, drains SE.

Land, broken, with a general northwesterly and northeast exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

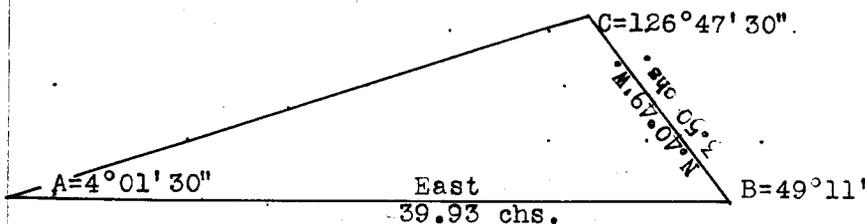
Subdivision, T. 41 S., R. 13 E.

Chains

From the true point for the cor. secs. 26, 27, 34 and 35, which is N. 0°01' W., 1.00 chs. dist. from the witness cor. to said secs.

East, on random line bet. secs. 26 and 35.

The line to the E. of this cor. point, passes over the inaccessible N. breaks of gulch, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line E. From flag "B", measure base line "BC", N. 40°49' W., 3.50 chs. dist., from which point, flags "AB" subtend an angle of 126°47'30". No longer base line could be obtained.



- 39.93 To point "B" of triangulation.
- 40.00 Set temp. 1/4 sec. cor.
- 79.94 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 25, 26, 35 and 36.

Thence,

S. 89°58' W., on true line bet. secs. 26 and 35.

Over rolling land through scattered undergrowth.

- 15.00 Wash, 30 lks. wide, 4 ft. deep, drains NE.
- 32.00 Same wash, drains SE.
- 38.00 Same wash, drains NE.
- 39.97 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for 1/4 sec. cor., with brass cap marked.

S26  
 1/4  
 S35  
 1925

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

- 40.01 To point "B" of triangulation; thence by triangulation over inaccessible N. breaks of gulch.

Chains

60.00 Approximate distance; rocky spur, 80 ft. high, projects S.

79.94 The true point for the cor. secs. 26, 27, 34 and 35, 400 ft. above the  $\frac{1}{4}$  sec. cor.

Land, broken, with a general easterly and southerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N.  $0^{\circ}01'$  W., bet. secs. 26 and 27, from the true point for cor. secs. 26, 27, 34 and 35, which is N.  $0^{\circ}01'$  W.

1.00 chs. dist. from the witness cor. to said secs.

Over broken land through scattered undergrowth.

The line from this point, passes over the inaccessible

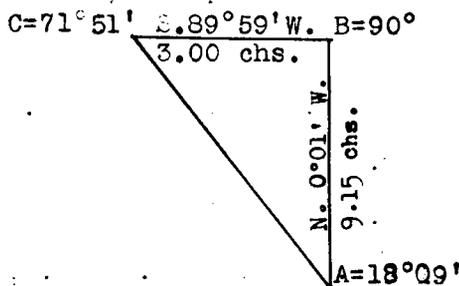
N. breaks of gulch, I therefore triangulate as follows

Erect flag "A" at this point and flag "B" on line to t

N. From flag "B", measure base line "BC", S.  $89^{\circ}59'$  W.

3.00 chs. dist., from which point, flags "AB" subtend

angle of  $71^{\circ}51'$ .



9.15 To point "B" of triangulation at top of breaks, 300 ft. above cor. point, bears E. and W.; thence by direct measurement over broken top of bench land.

32.70 Left flag on spur, 50 ft. high, projects SE.

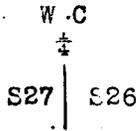
37.82 As the true point for the  $\frac{1}{4}$  sec. cor. falls in inaccessible

S. breaks of gulch at this point, on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of

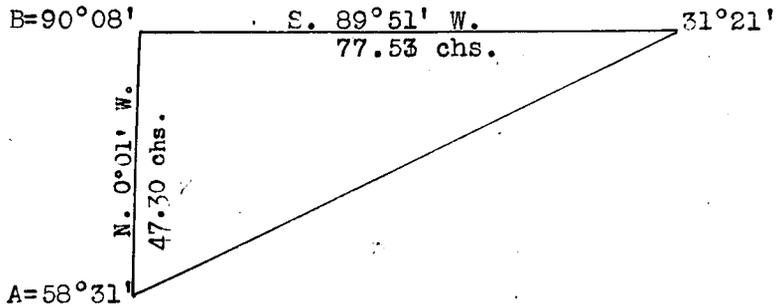
Chains

stone, 5 ft. base, 3 ft. high, for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked.



1925

The line to the N. of this cor. passes over inaccessible ledges over which I am unable to chain, I therefore return to the 32.70 chs. point and offset East, 2.36 chs. The line to the N. of this offset point passes over inaccessible breaks over which I am unable to chain, I therefore triangulate on offset line as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", the cor. secs. 23, 24, 25 and 26, bears N.  $89^{\circ}51'$  E., 77.53 chs. dist. and from flag "A" said sec. cor. subtends an angle of  $58^{\circ}31'$  from flag "B".



Distance on line=	32.70 chs.
Distance by triangulation=	<u>47.30 chs.</u>
	80.00 chs.

Approximate distances to topography on true line, from the 37.82 chs. point.

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. falls in inaccessible S. breaks of draw where it is impracticable to reach true cor. point.
- 45.00 Head of draw, drains S.  $60^{\circ}$  E., 220 ft. below the witness cor. to the  $\frac{1}{4}$  sec. cor.
- 53.50 Spur, 220 ft. above draw, projects E.
- 65.00 Head of draw, 200 ft. below spur, drains NE.
- 68.80 Spur, 220 ft. above draw, projects NE. and SW. Trail on top of spur, bears NE. and SW.

Chains

80.00 To point "B" of triangulation at a point on the S. bdy. of sec. 23, 2.36 chs., N. 89°51' E. from the true point for the cor. secs. 22, 23, 26 and 27.

Thence,

S. 89°51' W., 60 lks. dist. and as the true point for the sec. cor. falls on inaccessible E. face of ledge, at this point, which is N. 89°51' E., 1.78 chs. dist. from the true cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in ground to bedrock and in a large mound of stone, for witness cor. to the cor. secs. 22, 23, 26 and 27, with brass cap marked.

	T41S	R13E
	S22	S23
WC	S27	S26
	1925	

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

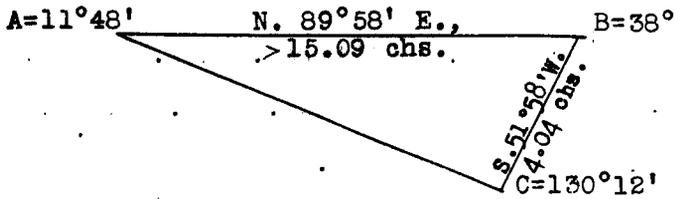
Fair grazing.

From the true point for the cor. secs. 22, 23, 26 and 27 N. 89°58' E., on random line bet. secs. 23 and 26.

2.26 Inaccessible ledges make chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC", S. 51°58' W. 4.04 chs. dist., from which point, flags "AB" subtend an angle of 130°12'.

Subdivision, T. 41 S., R. 13 E.

Chains



Distance on line = 2.26 chs.  
 Distance by triangulation = 15.09 chs.  
 17.35 chs.

- 39.49 Set temp. witness cor. to the sec. cor.
- 79.90 Intersect the N. and S. line, 16 lks. S. of the cor.  
secs. 23, 24, 25 and 26.  
Thence,  
S. 89° 51' W., on true line bet. secs. 23 and 26.  
Over broken land through scattered undergrowth.
- 5.00 Wash, 10 lks. wide, 2 ft. deep, drains NE.; ascend over rimrock.
- 7.20 Top of rimrock, 40 ft. high, bears NE. and SW.
- 32.20 Base of ascent over ridge, bears N. and S.
- 35.00 Top of ridge, 150 ft. above base, bears N. and S.; descend abrupt, broken W. slope of ridge.
- 39.95 True point for the sec. cor. falls on rimrock, 40 ft. high bears N. and S. where it is impossible to set cor.
- 40.41 At base of rimrock, bears N. and S.  
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the sec. cor., with brass cap marked.

S23  
 4 ——— WC  
 S26  
 1925

Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

- 45.00 Base of abrupt ascent over rimrock and ledges, bears N. and S.
- 62.55 To point "B" of triangulation at top of spur, projects NE., 240 ft. above base of ascent. Trail on top of spur, bears NE. and SW. Thence by triangulation over inaccessible rimrock and ledges.
- 77.64 To point "A" of triangulation. Thence by direct measurement.

Chains

- 78.14 The witness cor. to the cor. secs. 22, 23, 26 and 27.
- 79.90 The true point for the cor. secs. 22, 23, 26 and 27, 15 ft. above top of spur.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

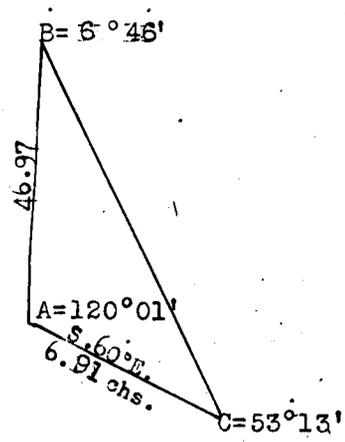
Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 22 and 23.

It being impossible to commence at the true point for the cor. secs. 22, 23, 26 and 27, I commence at the witness cor. to said secs., which is N. 89°51' E. from the true cor. point and run on offset line as follows. Offset line passes over inaccessible breaks of canyon over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the witness cor. and flag "B" on offset line to the N. From flag "A", measure base line "AC", S. 60° E., 6.91 chs. dist., from which point, flags "AB" subtend an angle of 53°13'.



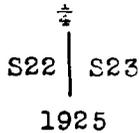
Distance by triangulation = 46.97 chs. Thence West, 1.76 chs. to true line. Thence S. 0°01' E., 6.97 chs. to 40.00 chs. point.

Approximate distance to topography on true line.

- 6.00 Deep gulch, 300 ft. deep, drains E.
- 40.00 On gentle S. slope.

Chains

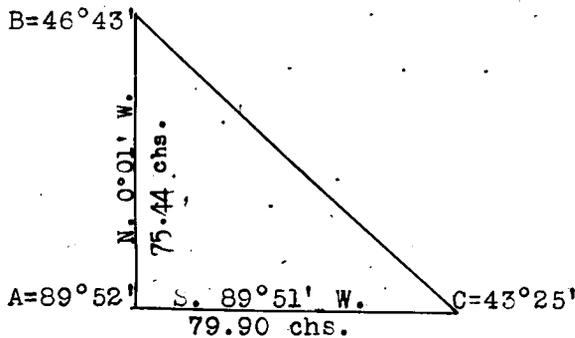
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



Deposit a sandstone, 8 x 7 x 3 ins., at base of post, marked with a cross (X).

46.97 Point 1.76 chs. west of point "B" of triangulation, on top of rocky spur, projects E., 200 ft. above true point for sec. cor.

The inaccessible breaks of a deep canyon make chaining to the N. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From the true point for cor. secs. 22, 23, 26 and 27, which I also designate "A", the cor. secs. 23, 24, 25 and 26, bears N. 89°51' E., 79.90 chs., and from flag "B", this cor. subtends an angle of 46°43' from the true point for cor. secs. 22, 23, 26 and 27.



Distance by triangulation=75.44 chs.

50.00 Approximate distance; gulch, 200 ft. deep, drains NE.; ascend gradually over inaccessible E. breaks of Monitor Mesa.

75.44 To point "B" of triangulation; thence by direct measurement.

80.00 On broken NE. slope, 220 ft. above true point for cor. secs. 22, 23, 26 and 27.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the

Chains

ground to bedrock and in a large mound of stone, for cor. secs. 14, 15, 22 and 23, with brass cap marked.

T41S	R13E
S15	S14
S22	S23

1925

Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

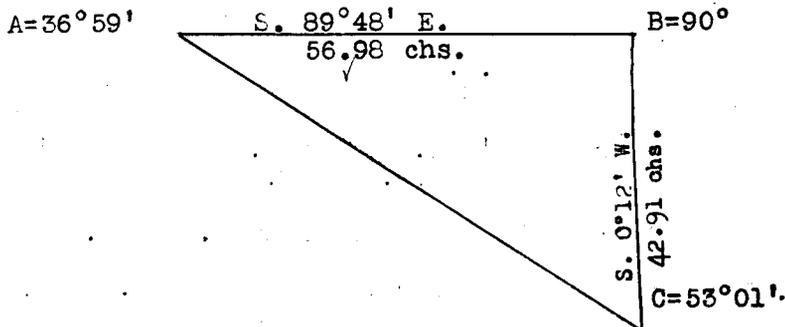
Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N. 89°51' E., on random line bet. secs. 14 and 23.

22.94 Inaccessible ledges make chaining E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and from flag "A", the cor. secs. 13, 14, 23 and 24, which I designate "B", bears S. 89°48' E. From "B", measure base line "BC", S. 0°12' W., 42.91 chs. from which point, flags "AB" subtend an angle of 53°01'.



Distance on line =	22.94 chs.
Distance by triangulation =	56.98 chs.
	<u>79.92 chs.</u>
Distance by return measurement =	39.96 chs.
	<u>39.96 chs.</u>

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

79.92 To point "B" of triangulation at the cor. secs. 13, 14, 23 and 24.

The bearing of this line therefore is West.

Chains

Thence,

West, on true line bet. secs. 14 and 23.

Ascend abruptly over broken land through scattered undergrowth.

9.70 Spur, 100 ft. above cor., projects SE.; continue ascent.

37.03 At the base of rimrock, 200 ft. above spur, bears NE. and SW.

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

S14  
WC  $\frac{1}{4}$  —————  
S23  
1925

Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

39.96 True point for the  $\frac{1}{4}$  sec. cor. falls on steep E. slope of rimrock where it is impossible to set a permanent cor.

Thence, by triangulation over inaccessible ledges, giving approximate distances to topography.

45.00 Spur, 120 ft. above cor., projects SE.

50.00 Gulch, 120 ft. deep, drains SE.

55.00 Base of nearly perpendicular ledge, 250 ft. high, bears NE. and SW.

56.98 To point "A" of triangulation at top of ledge, bears NE. and SW.; thence by direct measurement; ascend abruptly over broken E. slope.

79.92 The cor. secs. 14, 15, 22 and 23, 330 ft. above ledge. Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

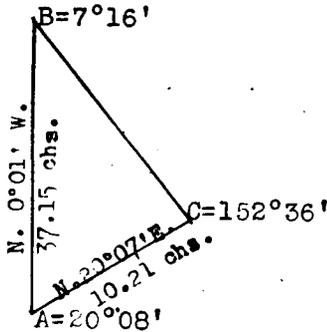
No timber.

Fair grazing.

Chains

N. 0°01' W., bet. secs. 14 and 15.

Inaccessible ledges on the E. breaks of Monitor Mesa make chaining to the N. of this cor. impracticable, I therefore triangulate as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the N. From flag "A", measure base line "AC", N. 20°07' E., 10.21 chs. dist., from which point, flags "AB" subtend an angle of 152°36'.

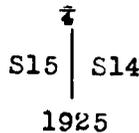


Distance by triangulation=37.15 chs.

Approximate distances to topography.

- 15.00 Gulch, 250 ft. deep, drains NE.; ascend abrupt inaccessible N. breaks of gulch.
- 25.00 Spur, 300 ft. above gulch, projects E.; descend inaccessible N. breaks of spur.
- 37.15 To point "B" of triangulation; thence by direct measurement to sec. cor.
- 40.00 On abrupt NE. slope, 150 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.



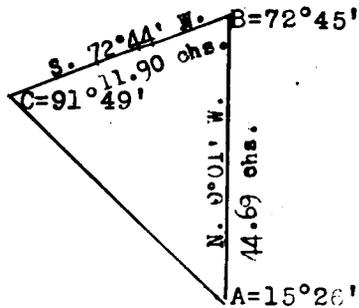
Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

Inaccessible ledges make chaining to the N. of this cor. impracticable, I therefore triangulate as follows. Return to the 37.15 chs. point which I designate "A", and erect flag "B" on line to the N. From flag "B",

Subdivision, T. 41 S., R. 13 E.

Chains

measure base line "BC", S. 72°44' W., 11.90 chs. dist.,  
 from which point, flags "AB" subtend an angle of 91°49'.



Distance on line =	37.15 chs.
Distance by triangulation=	44.69 chs.
	<u>81.84 chs.</u>
Distance by return measurement=	1.84 chs.
	<u>80.00 chs.</u>

Approximate distances to topography on triangulated distance.

45.00 Draw, 60 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; ascend abrupt SE. breaks.

79.50 Spur, 80 ft. above draw, projects NE.

80.00 On broken NW. slope of spur, 20 ft. below top.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 10, 11, 14 and 15, with brass cap marked.

T41S	R13E
S10	S11
S15	S14

1925

Deposit a sandstone, 7 x 6 x 5 ins., at base of post, marked with a cross (X).

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 4th rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

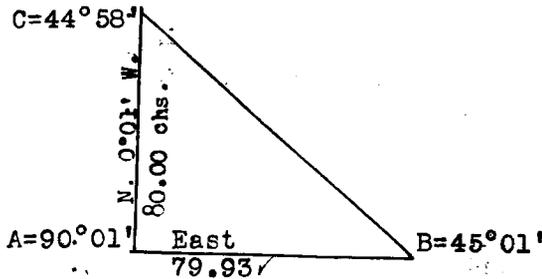
Fair grazing.

East, on random line bet. secs. 11 and 14.

The line to the E. of the cor. secs. 10, 11, 14 and 15, passes over inaccessible ledges, I therefore triangulate as follows.

Chains

Designate the cor. secs. 10, 11, 14 and 15 "A", the cor. secs. 11, 12, 13 and 14 "B", and the cor. secs. 2, 3, 10 and 11 "C". From "B", points "AC" subtend an angle  $45^{\circ}01'$ .



Distance by triangulation= 79.93 chs.  
 Distance by return measurement= 39.965 chs.  
39.965 chs.

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

79.93 Intersect the cor. secs. 11, 12, 13 and 14.

Thence,

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

Over broken land through scattered undergrowth.

11.00 Wash, 10 lks. wide, 3 ft. deep, drains SE.

31.10 Wash, 20 lks. wide, 3 ft. deep, drains SE.

33.10 Same wash, drains NE.

39.965 At base of ledge, 40 ft. high, bears NE. and SW.; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S11  
 $\frac{1}{4}$   
 S14  
 1925

Thence by triangulation over inaccessible S. face of high ledge; giving approximate distances to topography.

42.00 Top of ledge, bears NE. and SW.

47.00 Top of descent from top of same ledge, bears NW. and SE.

55.00 Head of gulch, 200 ft. below top of ledge, drains SE.

65.00 Top of same ledge as last, 200 ft. above head of gulch, bears NW. and SE.; ascend abrupt E. breaks of Monitor Mesa.

Chains

79.93

The cor. of secs. 10, 11, 14 and 15, 180 ft. above head of rim of ledge.

Land, broken, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing,

N. 0°01' W., bet. secs. 10 and 11.

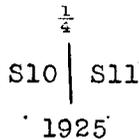
Descend abruptly over broken NE. breaks of Monitor Mesa through scattered undergrowth.

14.40 Draw, 300 ft. below cor., drains NE.; ascend abrupt SE. slope.

23.50 Spur, 70 ft. above draw, projects NE; descend gradual NW. slope.

40.00 On broken NW. slope, 60 ft. below spur.

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



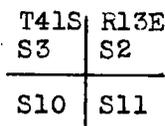
Deposit a sandstone, 12 x 8 x 6 ins., at base of post, marked with a cross (X).

47.00 Slope changes from the NW. to the NE.

51.30 Draw, 130 ft. below the  $\frac{1}{4}$  sec. cor., drains NE.; thence over rolling land, bears NW. and SE.

80.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 2, 3, 10 and 11, with brass cap marked.



1925

Chains

Land; broken and rolling, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

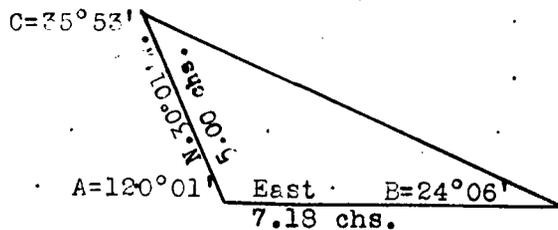
No timber.

Fair grazing.

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

30.90

Inaccessible ledges make chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line E. From flag "A", measure base line "AC", N. 30°01' W., 5.00 chs. dist., from which point, flags "AB" subtend an angle of 35°53'.



Distance on line =	30.90 chs.
Distance by triangulation =	7.18 chs.
	38.08 chs.

38.08 To point "B" of triangulation.

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

79.90 Intersect the cor. secs. 1, 2, 11 and 12.

Thence,

West, on true line bet. secs. 2 and 11.

Over broken land through scattered undergrowth.

30.00 Base of abrupt ascent over broken ledges, bears NW. and S

39.95 On abrupt NE. slope of ledges, 70 ft. above sec. cor.

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

S2  
—  
S11

1925

Subdivision, T. 41 S., R. 13 E.

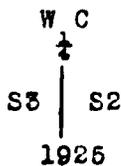
Chains

- Deposit a sandstone, 10 x 8 x 4 ins., at base of post.  
marked with a cross (X).
- 41.82 Base of nearly perpendicular ledge and point "B" of triangulation, bears N. and S.; thence by triangulation.
- 49.00 To point "A" of triangulation, at top of ledge, 200 ft. above the  $\frac{1}{2}$  sec. cor., bears N. and S. Thence by direct measurement.
- 58.80 The E. rim of deep gulch, bears NE. and SW.
- 66.00 Bottom of gulch, 260 ft. below E. rim, drains NE.; ascend abrupt W. breaks of gulch.
- 71.60 Spur, 180 ft. above gulch, projects NE.; descend gradual NW. slope of spur.
- 79.90 The cor. secs. 2, 3, 10 and 11, 40 ft. below spur.  
Land, broken, with a general northeasterly exposure and drainage.  
Soil, shallow loose sand and rock; 3rd rate.  
Undergrowth, scattered blackbrush and mountain rush.  
No timber.  
Fair grazing.

N. 0° 01' W., bet. secs. 2 and 3.

Over broken land through scattered undergrowth.

- 2.00 Gulch, 50 ft. deep, drains NE.
- 28.20 Top of abrupt descent over rimrock, bears NW. and SE.
- 35.36 At top of perpendicular ledge, 30 ft. high, bears NW. and SE., 230 ft. below top of rimrock.  
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the  $\frac{1}{2}$  sec. cor., with brass cap marked.

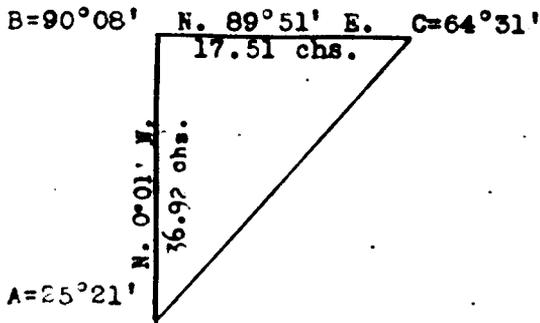


Deposit a sandstone, 9 x 8 x 3 ins., at base of post,  
marked with a cross (X).

Subdivision, T. 41 S., R. 13 E.

Chains

The line to the N. of this point passes over inaccessible ledges over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. in bottom of San Juan River channel. From flag "B", measure base line "BC", N. 89°51' E., 17.51 chs. dist., from which point, flag "AP" subtend an angle of 64°31'.

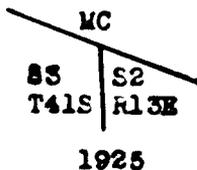


Distance on line =	35.36 chs.
Distance by triangulation =	36.92 chs.
	<u>72.28 chs.</u>
Distance by return measurement =	2.86 chs.
	<u>69.42 chs.</u>

Approximate distances to topography on triangulated distance.

- 48.00 True point for the 1/4 sec. cor. falls on steep slope of clay hill where it is impossible to set a permanent cor.
- 55.00 Base of ledges, bears NW. and SE.
- 55.00 Enter dense undergrowth of willows, bears E. and W.
- 69.42 The mean high water mark of the left bank of the San Juan River, 450 ft. below the witness cor. to the 1/4 sec. cor., bears NW. and SE.

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



Deposit a sandstone, 3 x 3 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general northwesterly exposure and drainage.

Chains

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush and dense willows.

No timber.

Fair grazing.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 42 S., R. 13 E.

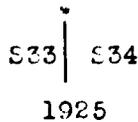
N. 0°02' W., bet. secs. 33 and 34.

Over broken bench land through scattered undergrowth.

9.00 Wash, 20 lks. wide, 3 ft. deep, drains NW.

40.00 On NW. slope.

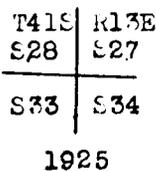
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.



Deposit a sandstone, 24 x 12 x 6 ins., at base of post, marked with a cross (X).

77.70 Wash, 20 lks. wide, 3 ft. deep, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 27, 28, 33 and 34, with brass cap marked.



Deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked with a cross (X).

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

Chains

No timber.

Fair grazing.

East, on random line bet. secs. 27 and 34.

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

79.58 Intersect the N. and S. line, 5 lks. N. of the true point for the cor. secs. 26, 27, 34 and 35, which is N.  $0^{\circ}01'$  W., 100 lks. dist. from the witness cor. to said secs.

Thence, from the true point for cor.

N.  $89^{\circ}58'$  W., on true line bet. secs. 27 and 34.

Over broken bench land through scattered undergrowth.

39.79 On broken NW. slope of surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, .5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S27  
 $\frac{1}{4}$  ———  
S34  
1925

79.58 The cor. secs. 27, 28, 33 and 34.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

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

Over rolling bench land through scattered undergrowth.

9.00 Wash, 20 lks. wide, 3 ft. deep, drains NW.

40.00 On rolling NW. slope.

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

$\frac{1}{4}$   
S28 | S27  
1925

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

## Subdivision, T. 41 S., R. 13 E.

## Chains

56.00 Land, beomes broken, bears E. and W.

61.00 Draw, 20 ft. deep, drains SW.; ascend abrupt SE. slope.

80.00 On broken SE. slope, 120 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 21, 22, 27 and 28, with brass cap marked.

T41S	R13E
S21	S22
S28	S27

1925.

Deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked with a cross (X).

Land, rolling and broken with a general northwesterly and southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 7rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

S. 89°58' E., on random line bet. secs. 22 and 27.

40.00 Set temp. sec. cor.

79.60 Intersect the N. and S. line, 9 lks. S. of the true point for the cor. secs. 22, 23, 26 and 27, which is S. 89° 51' W., 1.76 chs. dist. from the witness cor. to said secs.

Thence,

S. 89°58' W., on true line bet. secs. 22 and 27, from the true point for cor.

Ascend gradually over broken E. slope through scattered undergrowth.

29.00 Ridge, 100 ft. above point for cor., bears N. and S.; descend gradual W. slope.

39.30 On gradual W. slope, 100 ft. below ridge.

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

Chains

WC  $\frac{1}{4}$   $\frac{S22}{S27}$   
1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

- 79.80 True point for the  $\frac{1}{4}$  sec. cor. falls on steep slope of clay hill where it is impracticable to set a permanent cor.
- 58.40 Draw, 60 ft. below the witness cor. to the  $\frac{1}{4}$  sec. cor., drains S.; ascend abrupt E. slope.
- 61.00 Ridge, 100 ft. above draw, bears N. and S.; descend gradual W. slope.
- 72.80 Draw, 90 ft. below ridge, drains S.; ascend gradual E. slope.
- 79.60 The cor. secs. 21, 22, 27 and 28, 30 ft. above draw. Lend, broken, with a general southerly exposure and drain. Soil, shallow loose sand, clay and rock; 3rd rate. Undergrowth, scattered blackbrush and mountain rush. No timber. Fair grazing.

N. 0°02' W., bet. secs. 21 and 22.

Ascend abrupt S. breaks of Monitor Mesa through scattered undergrowth.

- 79.73 Base of nearly perpendicular rim of Monitor Mesa, 600 ft. above sec. cor., bears E. and W.; on surface rock, mark a cross (X), over which.

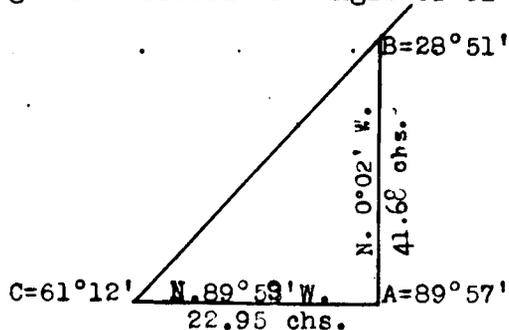
Set an iron post, 5 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the  $\frac{1}{4}$  sec. cor., with brass cap marked.

W C  
 $\frac{1}{4}$   
S21 | S22  
1925

The inaccessible rim of Monitor Mesa makes chaining to

Chains

the N. of this point impossible, I therefore triangulate to top of mesa as follows. Erect flag "B" on line to the N. at top of mesa. Designate the cor. secs. 21, 22, 27 and 28, "A", and from "A", measure base line "AC", N. 89°59' W., 22.95 chs. dist., from which point, flags "AB" subtend an angle of 61°12'.



Distance by triangulation=41.68 chs.

- 40.00 True point for  $\frac{1}{4}$  sec. cor.; cor. not set.
- 41.68 To point "B" of triangulation at top of rim of Monitor Mesa, 200 ft. above the witness cor. to the  $\frac{1}{4}$  sec. cor., bears E. and W.; thence over broken top of mesa.
- 63.30 Base of abrupt ascent over SE. breaks of spur, bears NE. and SW.
- 70.00 Top of sandstone spur, 100 ft. above rim of mesa, projects SW.; thence over broken NW. slope of ledges.
- 80.00 On sandstone surface rock, mark a cross (X), over which. Set a sandstone, 18 x 16 x 5 ins., in a mound of stone, 12 ins., marked with 3 notches on E. and S. edges, for cor. secs. 15, 16, 21 and 22,  
Land, broken, with a general southerly exposure and drainage.  
Soil, shallow loose sand and rock; 3rd rate.  
Undergrowth, scattered blackbrush and mountain rush.  
No timber.  
Fair grazing.

N. 89°58' E., on random line bet. secs. 15 and 22.

To avoid inaccessible ledges, I offset as follows.

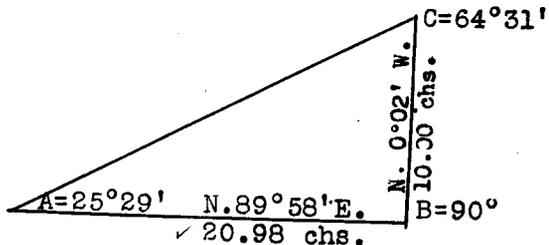
South, 18.91 chs.

S. 89°58' E., 46.88 chs.

North, 18.91 chs. to:

Chains

- 46.88 Point on random line. Set temp witness cor. to the  $\frac{1}{4}$  sec. cor.
- 58.60 The E. rim of Monitor Mesa makes chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC", N.  $0^{\circ}02'$  W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of  $64^{\circ}31'$ .



Distance on line =	58.60 chs.
Distance by triangulation =	20.98 chs. ✓
	<u>79.58 chs.</u>

- 79.58 To point "B" of triangulation. Intersect the N. and S. line, 7 lks. S. of the cor. secs. 14, 15, 22 and 23. Thence, S.  $89^{\circ}55'$  W., on true line bet. secs. 15 and 22. By triangulation; ascend abrupt E. breaks of Monitor Mesa through scattered undergrowth.
- 20.98 To point "A" of triangulation at top of rim of mesa, 350 ft. above cor., bears N. and S.; thence by direct measurement over broken top of mesa.
- 32.70 Left point.
- 39.28 At base of perpendicular rim, 150 ft. high, bears NE. and SW.; on surface rock, mark a cross (X), over which. Set an sandstone, 20 x 16 x 4 ins., 15 ins. in a mound of stone, marked  $\frac{1}{4}$  on N. face, and WC on W. face for witness cor. to the  $\frac{1}{4}$  sec. cor. secs. 15 and 22. As the line to the W. of this cor., passes over inaccessible ledges over which I am unable to chain, I return to the 32.70 chs. point and offset as follows.
- South, 18.91 chs.
- S.  $89^{\circ}55'$  W., 46.88 chs.
- North, 18.91 chs. to:

Chains

79.58 The cor. secs. 15, 16, 21 and 22.  
 Land, broken, with a general easterly exposure and drainage.  
 Soil, shallow loose sand and rock; 3rd rate.  
 Undergrowth, scattered blackbrush and mountain rush.  
 No timber.  
 Fair grazing.

---

N. 0°02' W., bet. secs. 15 and 16.  
 Over broken top of Monitor Mesa through scattered undergrowth.

16.00 Spur, 50 ft. high, projects SW.  
 37.00 Top of rimrock, 150 ft. high, bears E. and W.  
 40.00 At base of rimrock, bears E. and W.; on surface rock, mark a cross (X), over which.  
 Set a sandstone, 18 x 12 x 4 ins., 12 ins. in a mound of stone, marked 2 on W. face, for 1/4 sec. cor. secs. 15 and 16.  
 80.00 On surface rock, mark a cross (X), over which.  
 Set a sandstone, 22 x 19 x 9 ins., 15 ins. in a mound of stone, marked 4 grooves on S. face and 3 grooves on E. face, for cor. secs. 9, 10, 15 and 16.  
 Land, broken, with a general northwesterly exposure and drainage.  
 Soil, shallow loose sand and rock; 3rd rate.  
 Undergrowth, scattered blackbrush and mountain rush.  
 No timber.  
 Fair grazing.

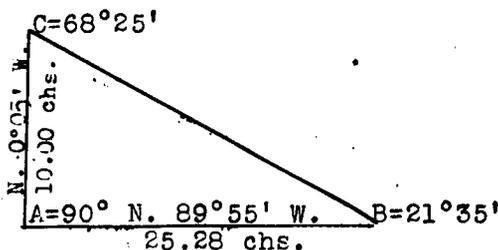
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N. 89°55' E., on random line bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.  
 54.32 The inaccessible E. breaks of Monitor Mesa make chaining to the E. of this point impossible, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "A", measure base line "AC", N. 0°05' W., 10.00 chs. dist., from

Chains

which point, flags "AB" subtend an angle of  $68^{\circ}25'$ .



Distance on line =	54.32 chs.
Distance by triangulation =	25.28 chs.
	<u>79.60 chs.</u>

79.60 Intersect the N. and S. line, 12 lks. S. of the cor. sec 10, 11, 14 and 15.

Thence,

S.  $89^{\circ}50'$  W., on true line bet. secs. 10 and 15; by triangulation.

Ascend abruptly over broken E. breaks of Monitor Mesa through scattered undergrowth.

25.28 To point "A" of triangulation at top of E. rim of mesa, 230 ft. above cor., bears N. and S.; thence by direct measurement over broken top of mesa.

39.80 Set a sandstone, 18 x 8 x 4 ins., 12 ins. in the ground, marked  $\frac{1}{2}$  on N. face, for  $\frac{1}{2}$  sec. cor. secs. 10 and 15.

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

54.40 Sandstone outcropping, bears N. and S.

79.40 Wash, 20 lks. wide, 2 ft. deep, drains NW.

79.60 The cor. secs. 9, 10, 15 and 16.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

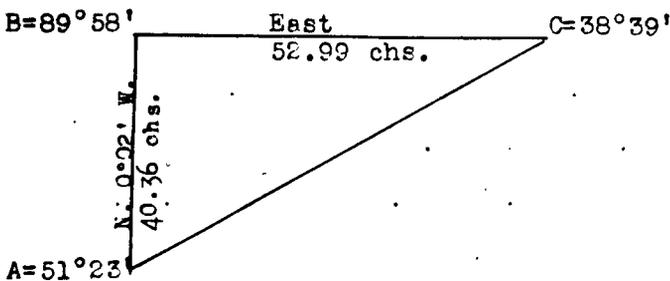
N.  $0^{\circ}02'$  W., bet. secs. 9 and 10.

Over broken top of Monitor Mesa through scattered undergrowth.

.30 Wash, 20 lks. wide, 2 ft. deep, drains NW.

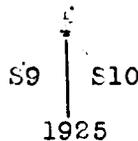
**Chains**

- 21.00 Wash, 30 lks. wide, 4 ft. deep, drains SW.
- 24.00 Rimrock, 40 ft. high, bears NE. and SW.
- 38.00 Top of perpendicular ledge at top of breaks on N. rim of Monitor Mesa, bears E. and W. Inaccessible N. breaks of mesa make chaining to the N. of this point impossible, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", East, 52.99 chs. dist., from which point, flags "AB" subtend an angle of 38°39'.



Distance on line =	38.00 chs.
Distance by triangulation =	42.36 chs.
	<u>80.36 chs.</u>
Distance by return measurement =	40.36 chs.
	<u>40.00 chs.</u>

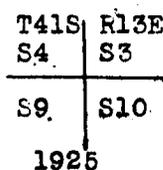
- 40.00 At base of perpendicular ledge, 300 ft. high, bears NW. and SE.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for 1/2 sec. cor., with brass cap marked.



Deposit a sandstone, 12 x 7 x 3 ins., at base of post, marked with a cross (X).

Thence descend abruptly over broken N. breaks of mesa.

- 80.00 On broken N. slope, 650 ft. below the 1/2 sec. cor.  
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 3, 4, 9 and 10, with brass cap marked.



Chains

Deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked with a cross (X).

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate, Undergrowth; scattered shadscale, blackbrush and mountain rush.

No timber.

Fair grazing.

N. 89°50' E., on random line bet. secs: 3 and 10.

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

79.84 Intersect the N. and S. line, 14 lks. S. of the cor. sec. 2, 3, 10 and 11.

Thence,

S. 89°44' W., on true line bet. secs. 3 and 10.

Over broken land through scattered undergrowth.

2.30 Small wash, 20 lks. wide, 2 ft. deep, drains NE.

3.80 Top of rimrock, 20 ft. high, bears NE. and SW.; thence over rolling land.

19.50 Land becomes broken, bears N. and S.

36.70 Wash, 30 lks. wide, 4 ft. deep, drains N.

39.92 On gentle NE. slope.

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

S3  
 $\frac{1}{4}$   
S10

1925

Deposit a sandstone, 10 x 8 x 8 ins., at base of post, marked with a cross (X).

59.50 Draw, 50 ft. deep, drains NE.

79.84 The cor. secs. 3, 4, 9 and 10, 140 ft. above the  $\frac{1}{4}$  sec. cor.

Land, broken and rolling, with a general northerly exposure and drainage.

Chains

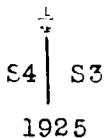
Soil, shallow loose clay, sand and rock; 3rd rate.  
 Undergrowth, scattered blackbrush and mountain rush.  
 No timber.  
 Fair grazing.

N. 0°02' W., bet. secs. 3 and 4.

Descend abruptly over broken N. slope through scattered undergrowth.

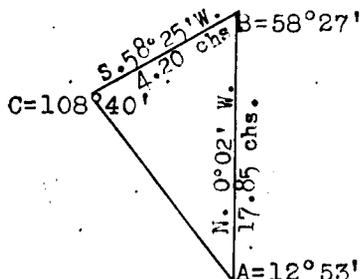
40.00 On right bank of wash, 20 lks. wide, 3 ft. deep, drains NW.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.



Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

58.70 Top of inaccessible rimrock and ledges over which I am unable to chain, bears NW. and E.; I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. from flag "B", measure base line "BC", S. 58°25' W., 4.20 chs. dist., from which point, flags "AB" subtend an angle of 108°40'.



Distance on line=	58.70 chs.
Distance by triangulation=	17.85 chs.
	<u>76.55 chs.</u>

76.55 To point "B" of triangulation.

78.64 Intersect the eighth standard parallel south, 89 lks. E. of the meander cor. sec. 34 on left bank of San Juan River, and East, 23.81 chs. dist. from the standard

Chains

cor. secs. 33 and 34, heretofore described.

At point of intersection, near left bank of river, 200 ft. below top of ledges.

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

T406 R13E  
S34

S4	S3
T41S	R13E
C/C	

1926

Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush and mountain rush.

No timber.

Fair grazing.

from the cor. secs. 4, 5, 32 and 33, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey T. 42 S., R. 13 E.

N. 0°03' W., bet. secs. 32 and 33.

Over broken land through scattered undergrowth.

2.00 Wash, 20 lbs. wide, 3 ft. deep, drains NW.

22.17 The E. rim of deep gulch, bears NW. and SE.; on surface rock, mark a cross (X), over which.

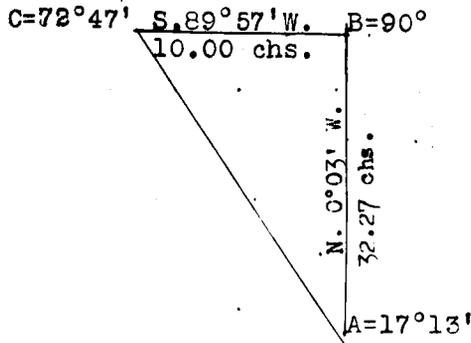
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 3 ft. base, 3 ft. high, for witness cor. to the sec. cor., with brass cap marked.

N 0



Chains

The inaccessible N. and S. breaks of gulch make chaining to the N. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", S. 89°57' W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of 72°47'.



Distance on line= 32.27 chs.  
 Distance by triangulation= 32.27 chs. ✓  
 64.54 chs.

- 40.00 True point for the sec. cor. falls in inaccessible S. breaks of gulch.
- 41.50 Approximate distance; bottom of gulch, 200 ft. deep, drains NW.; ascend inaccessible N. breaks of gulch.
- 53.40 Approximate distance; top of N. breaks of gulch, bears NW. and SE.; ascend broken SW. slope.
- 64.54 To point "B" of triangulation. Thence by direct measurement.
- 80.00 On top of spur, 50 ft. high, projects NW.  
 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, to bedrock and in a large mound of stone, for cor. secs. 28, 29, 32 and 33, with brass cap marked.

T41S	R13E
S29	S28
S32	S33

1925

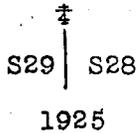
Deposit a sandstone, 10 x 8 x 8 ins., at base of post, marked with a cross (X).  
 Land, broken, with a general northwesterly exposure and drainage.  
 Soil, shallow loose sand and rock; 3rd rate.

Subdivision, T. 41 S., R. 15 E.

Chains	<p>Undergrowth, scattered black and rabbit brush and mountain rush.</p> <p>No timber.</p> <p>Fair grazing.</p>
40.00	<p>East, on random line bet. secs. 28 and 33.</p> <p>Set temp. sec. cor.</p>
80.16	<p>Intersect the cor. secs. 27, 28, 33 and 34.</p> <p>Thence,</p> <p>West, on true line bet. secs. 28 and 33.</p> <p>Descend gradual NW. slope of broken bench land through scattered undergrowth.</p>
16.30	<p>Top of ledge, 34 ft. high, bears NW. and SE.</p>
21.10	<p>Wash, 30 lks. wide, 4 ft. deep, drains NW.</p>
40.08	<p>On broken bench land, 30 ft. below sec. cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.</p>
80.16	<div style="text-align: center;"> <math display="block">\begin{array}{r} S28 \\ \frac{1}{4} \\ \hline S33 \\ 1925 \end{array}</math> </div> <p>raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>The cor. secs. 28, 29, 32 and 33, 60 ft. below the <math>\frac{1}{4}</math> sec. cor.</p> <p>Land, broken, with a general northwesterly exposure and drainage.</p> <p>Soil, shallow loose sand and rock; 3rd rate.</p>
80.16	<p>Undergrowth, scattered black and rabbit brush and mountain rush.</p> <p>No timber.</p> <p>Fair grazing.</p>
23.50	<p>N. 0°03' W., bet. secs. 28 and 29.</p> <p>Over rolling bench land through scattered undergrowth.</p>
40.00	<p>Wash, 30 lks. wide, 3 ft. deep, drains W.</p> <p>In bottom of shallow draw, drains NW.</p>

Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked.



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

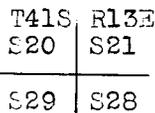
41.00 Old road, bears NW. and SE.

43.00 Wash, 20 lks. wide, 2 ft. deep, drains NW.

70.00 Land, becomes broken, bears E. and W.

80.00 On broken SW. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 20, 21, 28 and 29, with brass cap marked.



1925

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

Land, broken and rolling, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered black and rabbit brush and mountain rush.

No timber.

Fair grazing.

East, on random line bet. seds. 21 and 28.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.28 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 21, 22, 27 and 28.

Thence,

N. 89°58' W., on true line bet. secs. 21 and 28.

Over broken bench land through scattered undergrowth.

40.14 On broken SW. slope.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.

$$\begin{array}{r} S21 \\ \hline S28 \\ 1925 \end{array}$$

Deposit a sandstone, 12 x 8 x 6 ins., at base of post, marked with a cross (X).

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

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered black and rabbit brush and mountain rush.

No timber.

Cattle grazing.

N. 6°07' W., bet. secs. 20 and 21.

Over broken land through scattered undergrowth.

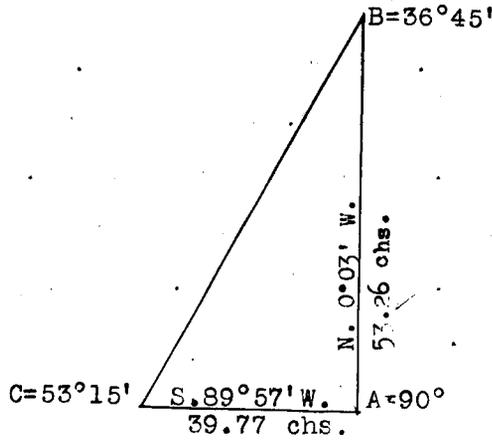
70.00 Top of S. breaks of gulch, bears NE. and SW.; descend abruptly over ledges.

77.47 On broken N. slope, of surface rock, 140 ft. below top of S. breaks of gulch; mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the sec. cor., with brass cap marked.

$$\begin{array}{r} W C \\ \hline S20 \quad S21 \\ 1925 \end{array}$$

The line to the N. of this cor., passes over inaccessible breaks of gulch, over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N., From the cor. secs. 20, 21, 28 and 29, which I also designate "A", measure base line "AC", S. 89°57' W., 39.77 chs. dist., from which point, flags "AB" subtend an angle of 53°15'.

Chains



Distance by triangulation=53.26 chs.

Approximate distances to topography from the 33.43 chs. point.

- 35.00 Bottom of gulch, 80 ft. below the witness cor. to the  $\frac{1}{4}$  sec. cor., drains SW.; ascend inaccessible N. breaks of gulch.
  - 40.00 True point for the  $\frac{1}{4}$  sec. cor. falls in inaccessible N. breaks of gulch.
  - 53.26 To point "B" of triangulation; thence by direct measurement; ascend abruptly over broken SW. breaks of Monitor mesa.
  - 60.50 Wash, 10 lks. wide, 2 ft. deep, drains SE.
  - 80.00 Near base of perpendicular rim of Monitor Mesa, 580 ft. above gulch.
- Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock end in a large mound of stone, for cor. secs. 16, 17, 20 and 21, with brass cap marked.

T41S	R13E
S17	S16
S20	S21
1925	

Deposit a sandstone, 10 x 9 x 8 ins., at base of post, marked with a cross (X).

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand, rock and clay; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

Subdivision, T. 41 S., R. 13 E.

Chains	
	S. 89°58' E., on random line bet. secs. 16 and 21.
	The perpendicular W. rim of Monitor Mesa makes chaining to the E. impossible from the cor. secs. 16, 17, 20 and 21, I therefore commence at a point, N. 0°03' W., 2.53 chs. dist. from cor. and run on offset line as follows.
	S. 89°58' E., 10.00 chs,
	S. 0°03' E., 2.53 chs. to:
10.00	Point on random line; thence on random line.
40.79	Set temp. witness cor. to the sec. cor.
80.30	Intersect the N. and S. line, 5 lks. N. of the cor. secs. 15, 16, 21 and 22.
	Thence,
	N. 89°56' W., on true line bet. secs. 16 and 21.
	Over broken top of Monitor Mesa through scattered undergrowth.
5.30	Draw, 30 ft. below cor., drains SW.; ascend gradual SE slope of spur.
10.30	Sandstone, spur, 60 ft. above draw, projects SW.; descend abruptly over ledges and rimrock.
28.00	Base of ledges and rimrock, bears NE. and SW. Small seep of water, bears North, 5.00 chs. dist.
39.51	On surface rock, mark a cross (X), over which.
	Set a sandstone, 20 x 13 x 8 ins., 15 ins. in a mound of stone, marked $\frac{1}{2}$ WC on N. face, for witness cor. to the $\frac{1}{2}$ sec. cor. secs. 16 and 21.
40.15	True point for the $\frac{1}{2}$ sec. cor. falls on inaccessible face of ledge.
43.20	Top of E. rim of gulch, bears NE. and SW.
48.70	Bottom of gulch, 620 ft. below sandstone spur, drains SW.
53.00	Top of right rim of gulch, bears NE. and SW., 100 ft. above bottom; thence over broken top of mesa.
70.30	Left point for offset.
77.50	Top of perpendicular rim on W. side of Monitor Mesa, 200 ft. high, bears NW. and SE., over which I am unable

Chains

to chain, I therefore return to the 70.30 chs. point and offset as follows.

N.  $0^{\circ}03'$  W., 2.53 chs.

N.  $89^{\circ}56'$  W., 10.00 chs. to:

80.30 Point, N.  $0^{\circ}03'$  W., 2.53 chs. from the cor. secs. 16, 17, 20 and 21. Distance determined by triangulation as shown on line bet. secs. 16 and 17.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

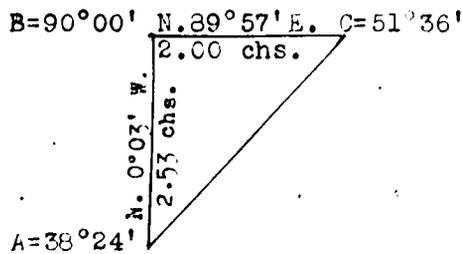
Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N.  $0^{\circ}03'$  W., bet. secs. 16 and 17.

From the cor. secs. 16, 17, 20 and 21, the line passes over the inaccessible W. rim of Monitor Mesa, to determine the distance to top of rim, I triangulate as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the N. at top of rim. From flag "B", measure base line "BC", N.  $89^{\circ}57'$  E., 2.00 chs. dist., from which point, flags "AB" subtend an angle of  $51^{\circ}36'$ .



Distance by triangulation=2.53 chs.

2.53 To point "B" of triangulation at top of W. rim of Monitor Mesa, 200 ft. above cor., bears NW. and SE.; thence over broken top of mesa.

35.00 Draw, 40 ft. deep, drains NW.

40.00 On surface rock, mark a cross (X), over which: Set a sandstone, 18 x 6 x 6 ins., 12 ins. in a mound of stone, marked  $\frac{1}{4}$  on W. face, for  $\frac{1}{4}$  sec. cor. secs. 16 and 17,

Subdivision, T. 41 S., R. 13 E.

Chains

80.00 On surface rock, mark a cross (X), over which.  
Set a sandstone, 20 x 8 x 3 ins., 15 ins. in a mound  
of stone, marked 4 notches on E. and S. edges, for cor.  
secs. 8, 9, 16 and 17.

Land, broken, with a general westerly exposure and  
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

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S. 89°56' E., on random line bet. secs. 9 and 16.

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

80.26 Intersect the cor. secs. 9, 10, 15 and 16.

Thence,

N. 89°56' W., on true line bet. secs. 9 and 16.

Over broken top of Monitor Mesa through scattered  
undergrowth.

20.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

40.13 On surface rock, mark a cross (X), over which:

Set a sandstone, 20 x 18 x 9 ins., 15 ins. in a mound of  
stone, marked  $\frac{1}{4}$  on N. face, for  $\frac{1}{4}$  sec. cor. secs. 9  
and 16.

77.90 Sandstone outcropping, 60 ft. high, bears N. and S.

80.26 The cor. secs. 8, 9, 16 and 17.

Land, broken, with a general northwesterly exposure and  
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

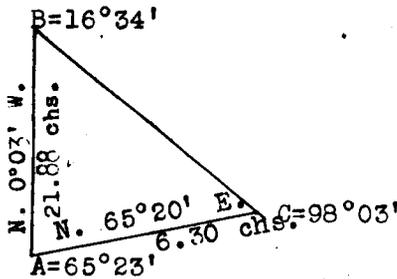
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N. 0°03' W., bet. secs. 8 and 9.

Over broken top of Monitor Mesa through scattered  
undergrowth.

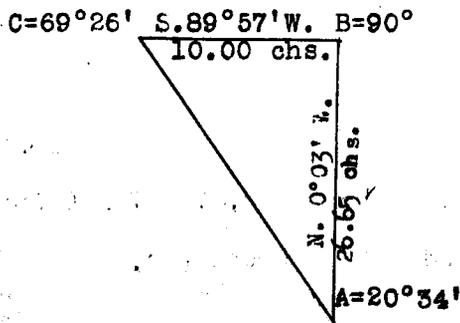
Chains

21.45 Top of S. rim of deep gulch over which I am unable to chain, bears NW. and SE., I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A", measure base line "AC", N. 65°20' E., 6.30 chs. dist., from which point, flags "AB" subtend an angle of 98°03'.



Distance on line =	21.45 chs.
Distance by triangulation =	21.88 chs.
	<u>43.31 chs.</u>

- 38.00 Approximate distance; bottom of gulch, 200 ft. deep, drains NW.; ascend inaccessible N. breaks of gulch.
- 40.00 True point for the 1/2 sec. cor. falls in inaccessible N. breaks of gulch.
- 43.31 To point "B" of triangulation at top of N. breaks of gulch, bears NW. and SE. On surface rock, mark a cross (X), over which.  
Set a sandstone, 16 x 14 x 6 ins., 12 ins. in a mound of stone, marked 1/2 on W. face, for 1/2 sec. cor. secs. 8 and 9.  
Thence over broken top of Monitor Mesa.
- 53.18 Rim of Monitor Mesa, bears NW. and E. over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", S. 89° 57' W., 10.00 chs. dist., from which point, flags "AB" subtend an angle of 69°26'.



Subdivision, T. 41 S., R. 13 E.

Chains

Distance on line = 53.18 chs.  
 Distance by triangulation = 26.65 chs.  
79.83 chs.

79.83 To point "B" of triangulation.

80.00 On broken NW. slope, 800 ft. below top of Monitor Mesa.

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

T41E	R13E
S5	S4
S8	S9

1925

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

S. 89°56' E., on random line bet. secs. 4 and 9.

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

80.18 Intersect the N. and S. line, 2 lks. N. of the cor. secs. 3, 4, 9 and 10.

Thence,

N. 89°55' W., on true line bet. secs. 4 and 9.

Over broken N. slope through scattered undergrowth.

40.09 On broken N. slope.

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

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

1925

Deposit a sandstone, 7 x 7 x 6 ins., at base of post, marked with a cross (X).

Chain

80.18 The cor. secs. 4, 5, 8 and 9.

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered blackbrush, mountain rush and yellow top.

No timber.

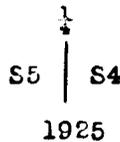
Fair grazing.

N. 0°03' W., bet. secs. 4 and 5.

Over broken N. slope through scattered undergrowth.

40.00 On surface rock, mark a cross (X), over which.

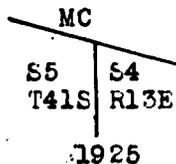
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



68.40 Top of rimrock on left side of San Juan River, 260 ft. high, bears NW. and SE.

73.12 The mean high water mark of the left bank of the San Juan River, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for meander cor. secs. 4 and 5, with brass cap marked.



Deposit a sandstone, 8 x 7 x 6 ins., at base of post, marked with a cross (X).

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber. Fair grazing.

Chains

From the true point for the cor. secs. 5, 6, 31 and 32, on the S. bdy. of the township, which is East, 32 lks. dist. from the witness cor. to said secs.

N. 0°03' W., bet. secs. 31 and 32.

Over broken land through scattered undergrowth.

10.00 Draw, 290 ft. below cor., drains NE.; ascend abrupt SE. slope.

22.50 Ledge, 75 ft. high, bears NE. and SW.

40.00 On SE. slope, 300 ft. above draw.

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

	$\frac{1}{4}$	
S31		S32
1925		

Deposit a sandstone, 6 x 4 x 3 ins., at base of post, marked with a cross (X).

51.00 Ledge, 35 ft. high, bears NE. and SW.; descend abrupt NW. slope.

61.00 Draw, 100 ft. below ledge, drains NE.; ascend gradual SE. slope.

77.50 Ledge, 35 ft. high, bears NE. and SW.

79.00 Ledge, 30 ft. high, bears NE. and SW.

80.00 At base of ledge, bears NE. and SW.; on surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 29, 30, 31 and 32, with brass cap marked.

T41S		R13E
S30		S29
-----		
S31		S32

1925

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Chains

Undergrowth, scattered blackbrush and mountain rush.  
 No timber.  
 Fair grazing.

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

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

80.08 Intersect the cor. secs. 28, 29, 32 and 33.

Thence,

West, on true line bet. secs. 29 and 32.

Over broken bench land through scattered undergrowth.

29.10 Top of right rim of Copper Canyon, 20 ft. high, bears  
 NW. and SE.

40.04 On broken W. slope.

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

S29

S32

1925

Deposit a sandstone, 8 x 5 x 4 ins., at base of post,  
 marked with a cross (X).

51.00 Bottom of Copper Canyon, 150 ft. deep, drains N.

64.30 Road, bears NW. to Zahn's Mining Camp and SE. to Keyenta,  
 Arizona.

70.00 The W. rim of Copper Canyon, 20 ft. high, bears NE. and SW.

80.08 The cor. secs. 29, 30, 31 and 32.

Land, broken, with a general northwesterly exposure and  
 drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

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Chains

West, on random line bet. secs. 30 and 31.  
 To avoid broken ledges on S. side of gulch, I offset as follows.

South, 4.99 chs.

West, 27.32 chs.

North, 4.99 chs. to:

27.32 To point on random line; thence west on random line.

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

77.78 Intersect the W. bdy. of the township, 14 lks. N. of the cor. secs. 25, 30, 31 and 36, heretofore described.

Thence,

N.  $89^{\circ}54'$  E., on true line bet. secs. 30 and 31.

Descend gradually over broken NE. slope through scattered undergrowth.

37.78 On abrupt NE. slope, 380 ft. below cor.

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

$\frac{1}{4}$   $\frac{S30}{S31}$

1925

Deposit a sandstone, 12 x 8 x 6 ins., at base of post, marked with a cross (X).

50.46 Top of rim at head of boxed gulch, drains NE.; to avoid inaccessible ledges on S. side of gulch, I offset as follows.

South, 4.99 chs.

N.  $89^{\circ}54'$  E., 27.32 chs.

North, 4.99 chs. to:

77.78 The cor. secs. 29, 30, 31 and 32.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

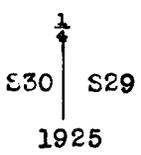
Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

Chains

- 10.10 N. 0°03' W., bet. secs. 29 and 30.
- Descend gradual N. slope over broken land through scattered undergrowth.
- 3.50 Gulch, 60 ft. below cor., drains NE.; ascend gradual SE. slope.
- 7.70 Top of left rim of gulch, 70 ft. above bottom, bears NE. and SW.
- 14.15 Pool of water in bottom of Copper Canyon, bears N. 54° 49' E.
- 23.05 Pool of water in bottom of Copper Canyon, bears N. 72° E.
- 26.30 Road, bears NW. to Zahn's Mining Camp and SE. to Kayenta, Arizona.
- 33.30 Top of left rim of Copper canyon, bears NW. and SE.
- 38.00 Bottom of Copper Canyon, 100 ft. deep, drains NW.
- 40.00 On surface rock on right side of bottom of canyon; mark a cross (X), over which.  
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{2}$  sec. cor., with brass cap marked.



- 49.10 Top of right rim of Copper Canyon, 120 ft. above bottom, bears NW. and SE.
- 50.00 Spur, 30 ft. high, projects NW.
- 51.60 Right rim of Copper Canyon, bears E. and W.
- 54.00 Bottom of Copper Canyon, 130 ft. deep, drains E.
- 62.30 Left rim of Copper Canyon, bears E. and W.
- 63.00 Spur, 30 ft. high, projects E.
- 76.50 Left rim of Copper Canyon, bears NW. and SE.
- 77.00 Bottom of Copper Canyon, 100 ft. deep, drains NW.
- 80.00 Near bottom of Copper Canyon.

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

T41S	RISE
S19	S20
S30	S29
1925	

Chains

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 20 and 29.

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

79.88 Intersect the N. and S. line, 16 lks. S. of the cor. secs. 20, 21, 28 and 29.

Thence,

S.  $89^{\circ}53'$  W., on true line bet. secs. 20 and 29.

Descend gradual SE. slope of broken land through scattered undergrowth.

10.00 base of descent, bears NE. and SW., 140 ft. below cor.

39.40 Old road, bears NW. and SE.

39.94 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

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

1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

76.20 Top of right rim of Copper Canyon, bears NW. and SE.

79.88 The cor. secs. 19, 20, 29 and 30, 80 ft. below rim.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

Chains

S. 89°54' W., on random line bet. secs. 19 and 30.

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

77.62 Intersect the W. bdy. of the township, 7 lks. N. of the cor. secs. 19, 24, 25 and 30, heretofore described.

Thence,

N. 89°51' E., on true line bet. secs. 19 and 30.

Over broken land through scattered undergrowth.

3.50 Wash, 30 lks. wide, 3 ft. deep, drains NE.

37.62 On surface rock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S19  
 $\frac{1}{4}$  —————  
 S30  
 1925

40.30 Road, bears NW. to Zahn's Mining Camp and SE. to Kayenta, Arizona.

49.30 Wash, 30 lks. wide, 2 ft. deep, drains NE.

76.50 Left rim of Copper Canyon, bears N. and S.

77.00 Bottom of Copper Canyon, 80 ft. below rim, drains NW.

77.62 The cor. secs. 19, 20, 29 and 30, 10 ft. above bottom of canyon.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 19 and 20.

Over broken land through scattered undergrowth.

4.00 Bottom of Copper Canyon, drains NE.

9.50 Spur, 40 ft. above bottom of canyon, projects E.

12.00 Top of left rim of Copper Canyon, bears NW. and SE.

12.70 Bottom of Copper Canyon, 90 ft. deep, drains NW.; stream of water 3 lks. wide, 1 $\frac{1}{2}$  ins. deep in bottom.

16.60 Top of right rim of Copper Canyon, bears NW. and SE.

Subdivision, T. 41 S., R. 13 E.

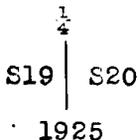
Chains

21.50 Road, bears NW. and SE.

33.00 Wash, 30 lks. wide, 3 ft. deep, drains SW.; ascend abruptly over broken SW. slope.

40.00 On broken SW. slope, 180 ft. above wash.

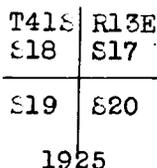
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



Deposit a sandstone, 8 x 7 x 6 ins., at base of post, marked with a cross (X).

80.00 On broken SW. slope, 170 ft. above the  $\frac{1}{4}$  sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 17, 18, 19 and 20, with brass cap marked.



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Lend, broken, with a general northwesterly and southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N. 89°53' E., on random line bet. secs. 17 and 20.

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

79.90 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 16, 17, 20 and 21.

Thence,

S. 89°55' W., on true line bet. secs. 17 and 20.

Descend abruptly over broken W. breaks of Monitor Mesa through scattered undergrowth.

79.85 At base of abrupt descent, bears N. and S., 460 ft. below the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

S17  
 $\frac{1}{4}$  ———  
S20

1925

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

79.90 The cor. secs. 17, 18, 19 and 20, 70 ft. below the  $\frac{1}{4}$  sec. cor.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

S. 89°51' W., on random line bet. secs. 18 and 19.

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

77.52 Intersect the W. bdy. of the township, 14 lks. N. of the cor. secs. 13, 18, 19 and 24, heretofore described.

Thence,

N. 89°45' E., on true line bet. secs. 18 and 19.

Over broken land through scattered undergrowth.

7.50 Left rim of Copper Canyon, bears NW. and SE.

11.50 Bottom of Copper Canyon, 100 ft. deep, drains NW.

15.50 Top of right rim of Copper Canyon, bears NW. and SE.

18.50 Road, bears NW. and SE.

27.50 Same road, bears NE. and SW.

29.40 Same road, bears NW. and SE.

37.52 On broken W. slope, 340 ft. above bottom of canyon.

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

Chains

$\frac{1}{4}$  S18  
 S19  
 . 1925

Deposit a sandstone, 7 x 5 x 3 ins., at base of post, marked with a cross (X).

60.40 Intersect a small seep of good water.

77.52 The cor. secs. 17, 18, 19 and 20, 200 ft. above the  $\frac{1}{4}$  sec. cor.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 17 and 18.

Over broken land through scattered undergrowth.

40.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.

$\frac{1}{4}$   
S18 | S17  
 1925

67.12 Small spring of good water, bears East, 55.00 chs. dist.

78.81 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the cor. secs. 7, 8, 17 and 18, with brass cap marked.

W C  
T41S | R13E  
S7 | S8  
S18 | S17  
 1925

80.00 True point for the sec. cor. falls in bottom of draw, 40 ft. deep, drains NW., where it is impossible to set a permanent cor.

Subdivision T. 41 S. R. 13 E.

Chains.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, loose sand and rock; 3d rate.

Undergrowth, scattered black brush and mountain rush.

No timber.

Fair grazing.

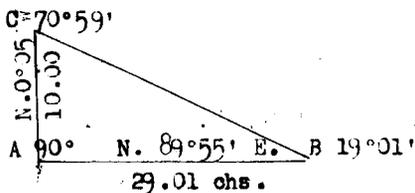
From the true point for the corner of secs. 7, 8, 17 and 18, which is N. 0° 03' W. 1.19 chs. dist. from the witness cor. to said sections,

N. 89° 55' E. on a random line bet. secs. 8 and 17,

40.00

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

The line to the east of this point passes over the inaccessible west rim of Monitor Mesa, I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the east. From flag "A" measure base line "AC" N. 0° 05' W. 10.00 chs. dist., from which point flag "AB" subtends an angle of 70° 59'



Distance on line 40.00 chs.

Distance by triangulation  $\frac{29.01 \text{ chs.}}{69.01 \text{ chs.}}$

69.01

To point "B" of triangulation.

80.00

Intersect the N. and S. line 2 lks. S. of the corner of sections 8, 9, 13, and 17.

Thence

S. 89° 54' W. on true line bet. secs. 8 and 17,

Over broken top of Monitor Mesa, through scattered undergrowth.

10.99

To point "B" of triangulation at top of west rim of Monitor Mesa, bears N. and S.; thence by triangulation

Subdivision T. 41 S. R. 13 E.

Chains over inaccessible west breaks of mesa.

40.00 To point "A" of triangulation at base of abrupt descent, 940 ft. below top of mesa, bears N. and S. Set an iron post 3 ft. long 1 in. diam., 20 ins. in the ground to bed rock and in a large mound of stone, for  $\frac{1}{4}$  sec.cor., with brass cap marked

$\frac{1}{4}$  S8  
S17  
1925

Deposit a sandstone 8 x 5 x 4 ins. at base of post, marked with a cross (X).

Thence descend gradually over west slope.

50.00 The true point for the corner of sections 7, 8, 17, and 18, 380 ft. below the  $\frac{1}{4}$  sec.cor.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3d rate.

Undergrowth, scattered black brush and mountain rush.

No timber. Fair grazing.

From the true point for corner of secs. 7, 8, 17 and 18 which is N. 0° 03' W. 1.19 chs. dist. from the witness corner to said sections,

S. 89° 45' W. on true line between sections 7 and 18, Over broken land; through scattered undergrowth.

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

$\frac{1}{4}$  S7  
S18  
1925

Deposit a sandstone 6 x 3 x 5 ins. at base of post, marked with a cross (X).

59.20 Draw, 20 ft. deep, drains N. and S. to "C" corner of sec. 18.

Draw, 20 ft. deep, drains N. and S. to "C" corner of sec. 18.

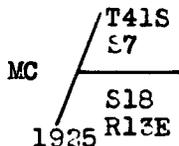
Chains

73.10 Old road, bears NE. and SW.

77.12 The mean high water mark of the left bank of the San Juan River, bears NE. and SW.

On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for meander cor. secs. 7 and 18, with brass cap marked.



Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

From the true point for the cor. secs. 7, 8, 17 and 18, which is N. 0°03' W., 1.19 chs. dist. from the witness cor. to said secs.

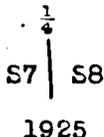
N. 0°03' W., bet. secs. 7 and 8.

Over broken land through scattered undergrowth.

39.00 Draw, 20 ft. deep, drains NW.

40.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for  $\frac{1}{4}$  sec. cor., with brass cap marked.



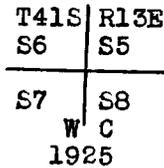
71.00 Draw, 30 ft. deep, drains NW.

80.00 True point for the cor. secs. 5, 6, 7 and 8, falls on steep slope of clay hill where it is impracticable to set a permanent cor.

81.95 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone,

Chains

for witness cor. to the cor. secs. 5, 6, 7 and 8, with brass cap marked.



Deposit a sandstone, 6 x 5 x 3 ins., at base of post, marked with a cross (X).

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

From the true point for the cor. secs. 5, 6, 7 and 8, which is S. 0°03' E., 1.95 chs. dist. from the witness cor. to said secs.

• N. 89°54' E., on random line bet. secs. 5 and 8.

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

79.98 Intersect the N. and S. line, 2 lks. S. of the cor. secs. 4, 5, 8 and 9.

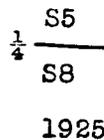
Thence,

S. 89°53' W., on true line bet. secs. 5 and 8.

Over broken N. slope through scattered undergrowth.

39.90 Wash, 10 lks. wide, 2 ft. deep, drains NW.

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



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

79.98 The true point for the cor. secs. 5, 6, 7 and 8.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Chains

Undergrowth, scattered blackbrush and mountain rush.  
 No timber.  
 Fair grazing.

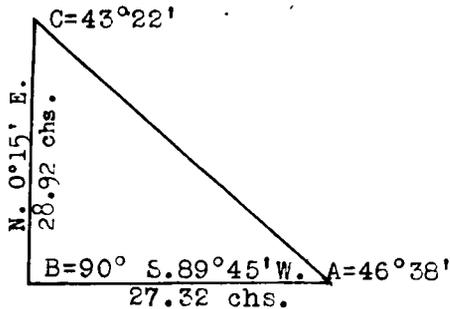
From the true point for the cor. secs. 5, 6, 7 and 8,  
 which is S. 0°03' E., 1.95 chs. dist. from the witness  
 cor. to said secs.

S. 89°45' W., on random line bet. secs. 6 and 7.

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

50.01 The mean high water mark of the left bank of the San Juan  
 River. Set temp. Meander cor.

To cross river I triangulate as follows. Erect flag "A"  
 at this point and flag "B" on line to the W. From flag  
 "B"; measure base line "BC", N. 0°15' E., 28.92 chs.  
 dist., from which point, flags "AB" subtend an angle of  
 43°22'



Distance on line=	50.01 chs.
Distance by triangulation=	27.32 chs.
	77.33 chs.

77.33 To point "B" of triangulation, on the W. bdy. of the  
 township at a point 21 lks. S. of the true point for  
 cor. secs. 1, 6, 7 and 12, which falls in bottom of the  
 San Juan River bed.

Thence,

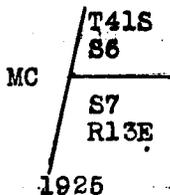
N. 89°54' E., on true line bet. secs. 6 and 7.

Across the San Juan River by triangulation.

27.32 To point "A" of triangulation at the mean high water mark  
 of the left bank of river, bears NE. and SW.

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

Chains



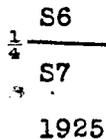
Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.  
Thence by direct measurement over broken land through  
scattered undergrowth.

32.30

Wash drains SW.

37.33

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



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

44.50

Enter red clay formation, bears NE. and SW.

51.50

Spur, 50 ft. high, projects NW.

66.30

Draw, 30 ft. deep, drains NW.

77.33

The true point for the cor. secs. 5, 6, 7 and 8.

Land, broken, with a general northwesterly exposure and  
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Fair grazing.

From the true point for the cor. secs. 5, 6, 7 and 8.

N.  $0^{\circ}03'$  W., bet. secs. 5 and 6.

Over broken land through scattered undergrowth.

1.95

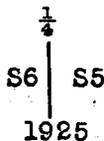
The witness cor. to the cor. secs. 5, 6, 7 and 8.

12.00

Draw, 20 ft. deep, drains SW.

40.00

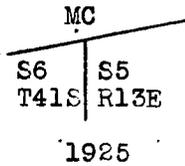
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground to bedrock and in a large mound of stone, for  
 $\frac{1}{4}$  sec. cor., with brass cap marked.



Deposit a sandstone, 8 x 7 x 6 ins., at base of post,  
marked with a cross (X).

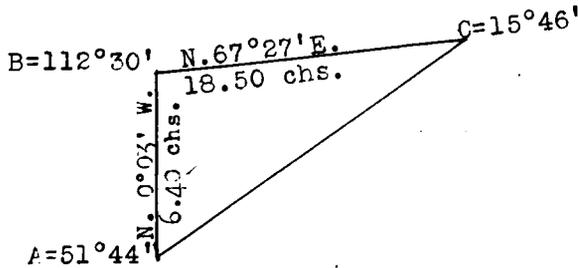
Chains

62.27 The mean high water mark of the left bank of the San Juan River, bears NE. and SW.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. secs. 5 and 6, with brass cap marked.



Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Thence by triangulation across river which at this point is a stream, about 4.00 chs. wide and 3 ft. deep, which flows in a southwesterly direction through different portions of the river channel.

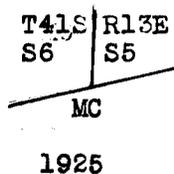
Erect flag "A" at the meander cor. and flag "B" on line to the N. From flag "B", measure base line "BC", N. 67°27' E., 18.50 chs. dist., from which point, flags "AB" subtend an angle of 15°46'.



Distance on line=	62.27 chs.
Distance by triangulation=	6.40 chs.
	68.67 chs.

68.67 To point "B" of triangulation; thence by direct measurement.

68.70 The mean high water mark of the right bank of the San Juan River, bears NE. and SW.  
At this point on top of perpendicular ledge, 10 ft. above edge of water, mark a cross (X), over which.  
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for meander cor. secs. 5 and 6, with brass cap marked.



Chains

79.00 Intersect the eighth standard parallel south, East, 23.9  
chs. dist. from the standard cor. secs. 31 and 32,  
heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in  
the ground to bedrock and in a large mound of stone,  
for closing cor. secs. 5 and 6, with brass cap marked.

T40S R13E	
S32	
S6	S5
T41S	R13E
C C	

1926

Deposit of sandstone, 12 x 5 x 5 ins., at base of post,  
marked with a cross (X).

Land, broken, with a general southwesterly exposure and  
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and mountain rush.

No timber.

Not grazing.

Meanders, T. 41 S., R. 13 E.

Meanders of the left bank San Juan River, up stream.  
from the meander cor. secs. 13 and 18, on the W. bdy.  
of the township, heretofore described.

Thence, with meanders in sec. 18.

Over sandstone surface rock.

N. 61° E. 43 lks. Perpendicular bank, 55 ft. high. To  
meander cor. secs. 7 and 18.

Land, surface rock.

No soil.

No undergrowth.

No timber.

No grazing.

Meanders, T. 41 S., R. 13 E.

Chains

Thence, in sec. 7.

Over surface rock.

N. 30°32' E. 9.80 chs.

N. 16°45' E. 21.30 chs.

N. 26°30' E. 13.20 chs. Sloping sandy bank.

North, 10.10 chs.

N. 18° E. 5.60 chs.

N. 45°30' E. 8.90 chs. Mouth of small draw from NE.

N. 5°15' E. 17.97 chs. To meander cor. secs. 6 and 7.

Land, surface rock and rolling loose sand.

Soil, deep loose sand and surface rock; 3rd rate.

Undergrowth, scattered willows, and rabbit brush.

Timber, scattered cottonwood.

Fair grazing.

---

Thence, in sec. 6.

Through scattered timber and undergrowth.

N. 3°30' E. 13.07 chs. Sloping sandy bank.

N. 23°45' E. 17.10 chs.

N. 42°45' E. 24.50 chs.

N. 60°45' E. 23.90 chs.

N. 50°15' E. 6.40 chs. To meander cor. secs. 5 and 6.

Land, rolling loose sand.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered blackbrush.

Timber, scattered cottonwood.

Fair grazing.

---

Thence, in sec. 5.

Through scattered timber and undergrowth.

N. 73°10' E. 33.40 chs. Sloping sandy bank.

N. 82°40' E. 19.30 chs.

N. 13°00' E. 4.90 chs. To meander cor. sec. 32, on the  
N. bdy. of the township.

Land, rolling sand.

Chains

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered black and rabbit brush and willow

Timber, scattered cottonwood.

Fair grazing.

---

From the meander cor. sec. 33, on the N. bdy. of the township.

Thence, with meanders in sec. 5.

Over surface rock.

S. 60°30' E. 5.19 chs. Perpendicular bank, 10 ft. high.

S. 46° E., 4.80 chs. To meander cor. secs. 4 and 5.

Land, broken surface rock.

No soil.

No undergrowth.

No timber.

No grazing.

---

Thence, in sec. 4.

Through scattered undergrowth and timber.

S. 61°45' E. 36.20 chs. Sloping sandy bank.

S. 86°45' E. 18.10 chs.

N. 64°30' E. 8.80 chs.

N. 56° E. 13.00 chs.

N. 39°30' E. 16.77 chs. To meander cor. sec. 34, on the N. bdy. of the township.

Land, rolling sand.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered black and rabbit brush and willows.

Timber, scattered cottonwood.

Fair grazing.

---

From the meander cor. sec. 35, on the N. bdy. of the township, heretofore described.

Thence, with meanders in sec. 3.

Through scattered undergrowth and timber.

Meanders, T. 41 S., R. 13 E.

S. 20° E. 2.20 chs. Sloping sandy bank.  
S. 67°31' E., 17.47 chs. To meander cor. secs. 2 and 3.  
Land, rolling sand.  
Soil, deep loose sand; 3rd rate.  
Undergrowth, scattered black and rabbit brush and willows.  
Timber, scattered cottonwood.  
Fair grazing.

Thence, in sec. 2.

Through scattered undergrowth and timber.

N. 72° E. 25.00 chs. Sloping sandy bank.  
E. 85° E. 8.40 chs.  
S. 61° E. 5.00 chs.  
S. 53° E. 8.50 chs.  
N. 77° E. 27.20 chs.  
N. 71° E. 10.25 chs. To meander cor. sec. 36, on the  
N. bdy. of the township.

Land, rolling sand.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered black and rabbit brush and willows.

Timber, scattered cottonwood.

Fair grazing.

Meander of the right bank San Juan River, up stream.

From the meander cor. secs. 7 and 12, on the W. bdy. of  
the township, heretofore described.

Thence, with meanders in sec. 7.

Through scattered undergrowth and timber.

N. 33°45' E. 3.60 chs. Sloping sandy bank.  
N. 24°30' E. 6.10 chs.  
N. 10° E. 9.60 chs.  
N. 17°45' E. 5.00 chs.  
N. 3° E. 9.30 chs.  
N. 16° E. 4.20 chs.  
N. 3°30' W. 1.40 chs.  
N. 20°45' W. 9.60 chs.

Meanders, T. 41 S., R. 13 E.

Chains

N. 39°45' W. 9.20 chs. To meander cor. secs. 7 and 12.

Land, rolling.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered black and rabbit brush and willows.

Timber, scattered cottonwood.

Fair grazing.

---

From the meander cor. secs. 1 and 6, on the W. bdy. of  
the township, heretofore described.

Thence, with meanders in sec. 6.

Through scattered undergrowth and timber.

N. 58° E. 35.80 chs. Sloping sandy bank.

N. 55° E. 19.00 chs.

N. 72°20' E. 32.83 chs. To meander cor. secs. 5 and 6.

Land, rolling.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered willows, black and rabbit brush.

Timber, scattered cottonwood.

Fair grazing.

---

Thence, in sec. 5.

Through scattered undergrowth and timber.

N. 67°30' E. 18.50 chs. Sloping sandy bank.

N. 76°47' E. 14.46 chs. To meander cor. sec. 32.

Land, rolling.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered willows, black and rabbit brush.

Timber, scattered cottonwood.

Fair grazing.

---

From the meander cor. sec. 33, on the N. bdy. of the  
township, heretofore described.

Thence, with meanders in sec. 4.

Through scattered undergrowth and timber.

S. 52° E. 10.40 chs. Sloping sandy bank.

Meanders T. 41 S. R. 13 E.

Chains.

- S. 59° E. 17.30 chs.
- East 7.80 chs.
- N. 60° 15' E. 25.60 chs.
- N. 41° 30' E. 3.40 chs. To meander cor. sec. 34.
- Land, rolling.
- Soil, deep loose sand; 3d rate.
- Undergrowth, scattered willows, black and rabbit brush.
- Timber, scattered cottonwood. Fair grazing.

Boundaries of T. 41 S. R. 13 E.

Latitudes, Departures, and Closing Errors.

Lines Designated	True Bearing	Dist. chs.	Latitudes		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	East	477.82	.....	.....	477.82	.....
East Boundary	North	478.58	478.58	.....	.....	.....
8th St. P.S. R14E	West	24.21	.....	.....	.....	34.21
8th St. P.S. R13E	West	453.09	.....	.....	.....	453.09
West Boundary	South	479.29	.....	479.29	.....	.....
Convergency						.55
			478.58	479.29	477.82	477.85
				478.82		477.82
Errors in latitudes and departures				0.71		0.03

GENERAL DESCRIPTION.

The land within the boundaries of this township is exceedingly rough, being broken by deep gulches and high inaccessible ledges. The township in general has a northerly and northwesterly drainage. Copper Canyon enters the township on the S. boundary of section 32 and drains in a northwesterly direction, leaving the township on the west boundary of section 18. Monitor Mesa, which is a prominent land mark, is located in the central portion of the township. The rim of this mesa

is a perpendicular wall from 100 feet to 300 feet high. The only practicable way the top of this mesa can be reached by man is by the aid of ropes over a broken portion of the SE point of the mesa.

On account of there being no practicable way in getting iron posts to the top of this mesa, stones were used for the corners in lieu of the iron posts on this portion of the township.

The San Juan River, which is a stream approximately 4 chains wide and 3 feet deep flows through the northern portion of the township, in a westerly direction. Both the right and left banks of this river lying within the boundaries of the township were meandered.

The only timber in the township is a few scattered cottonwood along the bottom lands of the San Juan River.

The entire township is covered with a scattered undergrowth of mountain rush, black and rabbit brush and native grass, which affords fair grazing for stock. Along the bottom lands of the San Juan River a scattered undergrowth of willows was found.

An old abandoned wagon road was found in the southwest portion of the township, bearing in a northwesterly direction to Zahn's mining camp, and a southeasterly direction to Kayenta, Arizona.

No portion of the township is suitable for farming. The township in general being suitable for a grazing range for stock during both winter and summer months.

A small pool or spring of good water was found in the NE $\frac{1}{4}$  of the SW $\frac{1}{4}$  of section 29. A small spring of good water was found in the NW $\frac{1}{4}$  of the NE $\frac{1}{4}$  of section 17. A small seep of good water was found in the SE $\frac{1}{4}$  of the SE $\frac{1}{4}$  of section 18. A small seep of good water was found in the SW $\frac{1}{4}$  of the SE $\frac{1}{4}$  of section 16. A small stream of water was found in the bottom of Copper Canyon in sections 19

General Description T. 41 S. R. 13 E.

and 20.

No settlers nor improvements were on the township at the time of the survey.

No indications of coal, oil, oil shale nor mineral were found in the township.

On account of defective needle the magnetic declination was not taken.

E. B.

**Blank**

**Page**

BOOK A-435

4-680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Henry Snyder	1st Chainman
Sidney R. Reese	1st Chainman
Chas. Sleeper	2nd Chainman
Kimball D. Williams	2nd Chainman
John Evers	2nd Chainman
Joe Hunt	2nd Chainman
Henry Snyder	2nd Chainman
George Hurlburt	Flagman
Joe Hunt	Flagman
Frank Wyatt	Cornerman
M.C. Gregar	Cornerman
Charlie Holiday	Cornerman
Henry M. Peacock	Cornerman

Edie S.C. Smith, U.S. Transitman,  
Willis W. Bandy, and

**we** Chas F. Moore, U. S. Surveyor, hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 24th day of September, 1923, **we** have well, faithfully, and to

in my ~~own~~ <sup>our</sup> proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of the Eighth Standard

Parallel South through R. 13 E., the west boundary and subdivision

and meanders of the San Juan River of, T. 41 S., R. 13 E.

of the Salt Lake Base

And Meridian, in the State of Utah, which are represented

and date diagram On dates shown on said diagram

the foregoing field notes/as having been executed by us and under our direction; and that all the corners

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the U. S. Surveyor General for Utah

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

such survey. Place: Walker, Minnesota Date: June 16, 1926 Willis W. Bandy

Place: Moab, Utah Date: May 15, 1926 Chas. F. Moore

Place: Salt Lake City, Utah. Date: May 10, 1926 Edie S. C. Smith

APPROVAL.

U. S. transitman

OFFICE OF THE UNITED STATES Supervisor of Surveys,

Denver, Colorado. May 2, 1928., 19

The foregoing field notes of the survey of eighth standard parallel south through

Range 13 East; the west boundary, the subdivision, and meanders of the

San Juan River of T. 41 S., R. 13 E., S. L. B. & M.,

U. S. Surveyors,

executed by Chas. F. Moore, Willis W. Bandy and Edie S. C. Smith, U. S. Transitman,

under ~~his~~ special instructions dated Sept. 24, 1923, 1923, having been

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

they describe, are hereby approved.

U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in

Utah has been correctly copied from the original notes

U. S. Supervisor of Surveys