Volume

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(1)

4—679

BOOK A-454

D

FIELD NOTES

OF THE ~~SURVEY OF THE~~

RESURVEY OF THE NORTH AND SOUTH BOUNDARIES AND

SUBDIVISION AND SURVEY OF THE NORTH BOUNDARY

AND SUBDIVISION OF

T.12 S., R. 1 W.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

JOS. C. THOMA, U.S. CADASTRAL ENGINEER

AND

HOWARD W. MILLER, U.S. CADASTRAL ENGINEER

~~*In the capacity of U.S. Surveyor*~~, *under Special Instructions dated* January 16, *1919, issued by the United States Surveyor General to govern surveys included in Group No.* 75, *which were approved by the Commissioner of the General Land Office,* February 6, *1919, and Assignment Instructions dated* June 14, ~~*19XX*~~ 1920

Supplemental Assignment Instructions dated November 10, 1920

Survey commenced October 26, 1920, ~~*191*~~

Survey completed December 6, 1920, ~~*191*~~

U.S. Surveyor General's Office
MAY 6 1922
SALT LAKE CITY, UTAH
MAR 6 1922
SALT LAKE CITY, UTAH

6—151

(2)

BOOK A-454

INDEX DIAGRAM.

Township 12 South, *Range* 1 West

41 8

6	5 30	4 52 51	3 16 55 40	19 2 17	1 17
7	8 29	9 50 49	10 16 54 39	18 11 17	12 17
18	17 26	16 47 46	15 15 53 39	14	13
19	20 25	21 45 43	22 13 33	23	24
30	29 22 23	28 37 43 32	33 38 27 12 32 32	26	25
31	32 20	33 36 35 42 7	32 34 34 10 4	35	36

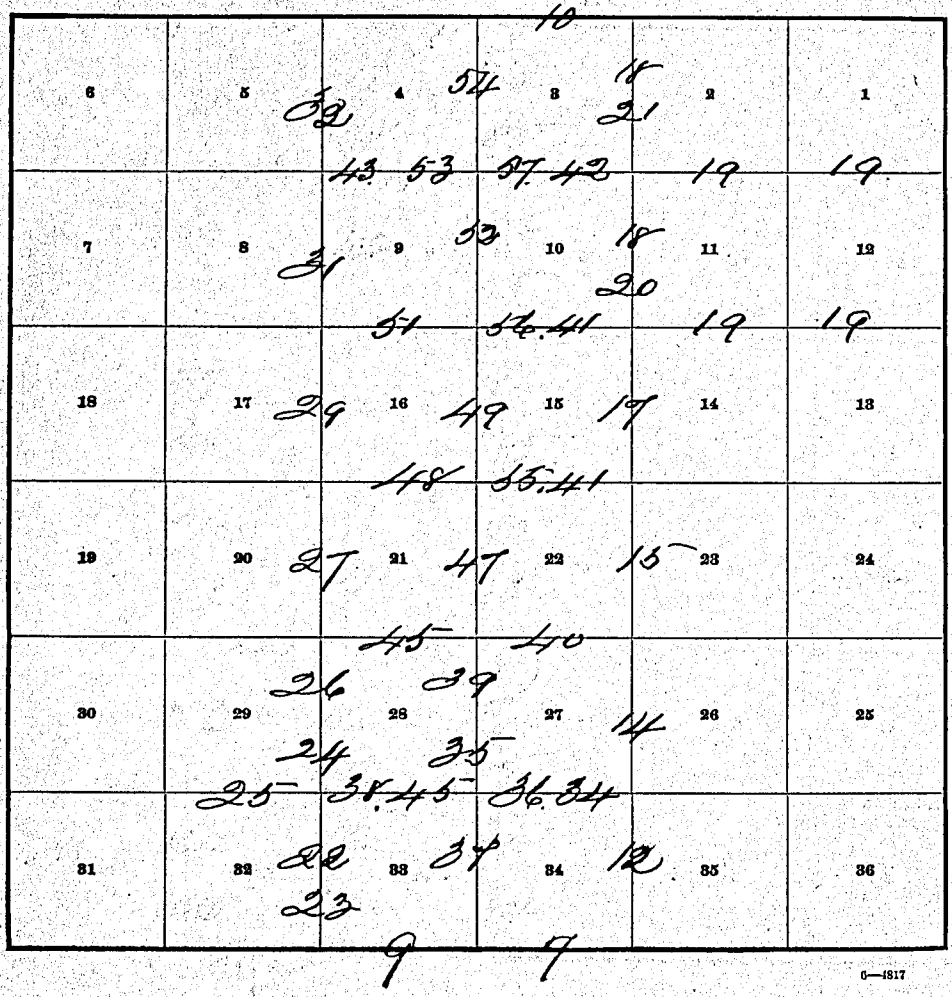
A
454

BOOK A-454

4—679 b

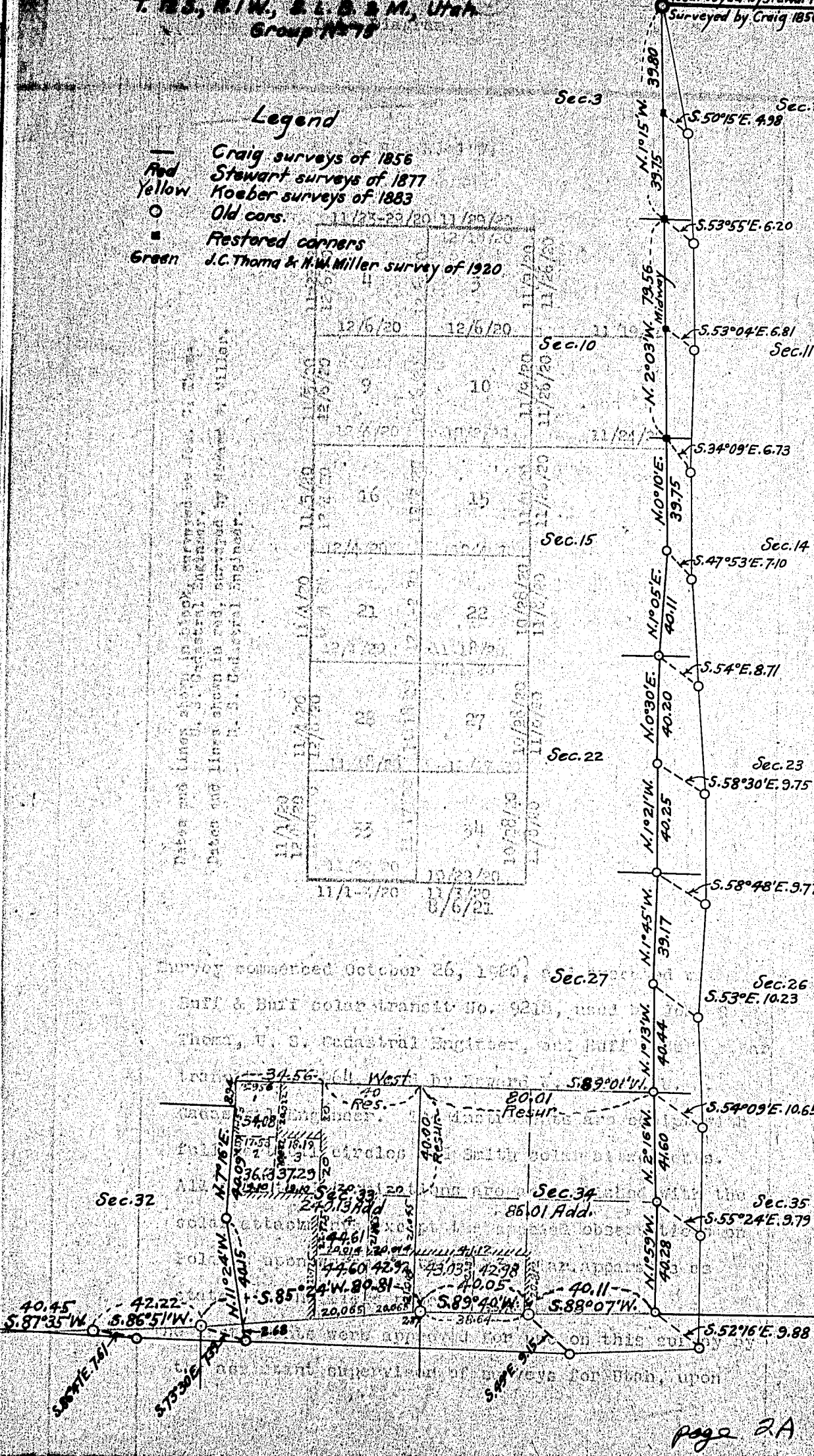
INDEX DIAGRAM.

Township 12 South, Range 1 West



6—1817

T. 12 S., R. 1 W., S. L. B. & M., Utah
Group No. 75

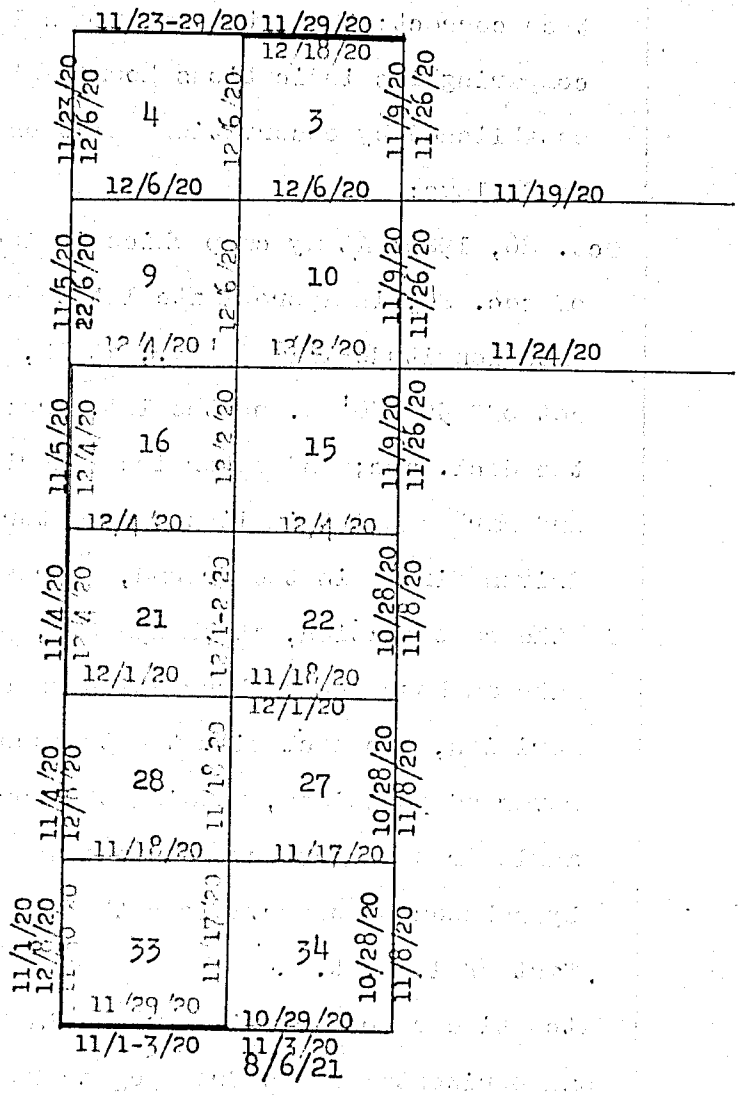


Survey commenced October 26, 1920, [illegible]
Buff & Buff solar transit No. 9218, used [illegible]
Thoma, U. S. Cadastral Engineer, and Buff [illegible]
[illegible] by [illegible]
Cadastral Engineer. [illegible]
[illegible] circles [illegible] Smith [illegible]
[illegible] are [illegible] on this survey by
[illegible] supervisor of surveys for Utah, upon

page 2A

Date Diagram.

T. 12 S., R. 1 W.



Survey commenced October 26, 1920, and executed with Buff & Buff solar transit No. 9218, used by Jos. C. Thoma, U. S. Cadastral Engineer, and Buff & Buff solar transit No. 8964, used by Howard W. Miller, U. S. Cadastral Engineer. The instruments are equipt with full vertical circles and Smith solar attachments. All azimuth determinations are accomplished with the solar attachments except the special observations on Polaris upon which to test the solar apparatus as stated in the field notes.

The instruments were approved for use on this survey by the assistant supervisor of surveys for Utah, upon

satisfactory field tests, in assignment instructions dated July 10, and November 10, 1920

I examine the adjustments of transit No. 9218, and find them correct; then, to test the solar apparatus by comparing its indications hourly with the true meridian established by observations made on Polaris, I proceed as follows:

Oct. 26, 1920; At my camp which is located in the NW. ¼ of sec. 24, in approximate latitude 39° 46' N., approximate longitude 111° 55' W., at 3h, p. m., app. t., I set off 39° 46' N. on the lat. arc; 12° 33' 30" S., on the decl. arc; and determine a meridian with the solar, and mark a point in line thus determined, on a peg driven firmly in the ground, approximately 10 chs. N.

At the same station, at 7h 15m 07s, p. m., l. m. t., I make an hour angle observation on Polaris, East of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection aggle from a mark on the stake as above set. I find by subsequent observations that my watch is 25m 58s fast of l. m. t.

Watch time of observation, = 7h 41m 05s

Mean horizontal angle from peg to Polaris = 1° 16' E.

Azimuth of Polaris, ... = 1° 16' E.

True bearing of the mark on the peg is therefore North.

Oct. 27, 1920: At 8h., a. m., app. t., I set off 39° 46' N. on the lat. arc; 12° 47' S., on the decl. arc, and determine a meridian with the solar, which line coincides with the meridian as established by observations on Polaris.

At app. noon, I set off 39° 46' N. on the lat. arc, and observe the sun on the meridian, the resulting decl. is 12° 52' S. I also make a meridian observation for latitude and apparent time:

Watch time of observation, = 12h 09m 55s

Watch fast of l. m. t., = 25m 58s

Test of Instruments, T. 12 S., R. 1 W.

Chains.

Mean observed latitude, = 37° 22'

Reduced latitude, = 39° 46' N.

The above observation for time and latitude was made by observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb.

Preliminary Test, Buff & Buff Transit No. 8964.

November 17, 1920: At the same station, I set off 39° 46' N. on the lat. arc; 18° 59' S., on the decl. arc; and at 9h, a. m., app. time, determine a meridian with the solar, and find the line thus determined conicides with the meridian as established by observations on Polaris.

At the same station, at app. noon, I set off 39° 46' N., on the lat. arc, and observe the sun on the meridian, the resulting decl. is 19° 02' S.

At 3h p. m., app. time, I set off 39° 46' N. on the lat. arc; 19° 03' S. on the decl. arc, and determine a meridian with the solar, and find that the line thus determined, coincides with the meridian as established by observations on Polaris.

At the completion of the township, with Transit No. 9218 on

December 9, 1920, At the same station, at 9h, a. m., app. t., I set off 39° 46' N. on the lat. arc, 22° 48' S., on the decl. arc, and determine a meridian with the solar, and note the line thus determined coincides with the meridian as determined by observations on Polaris.

At app. noon, I set off 39° 46' N. on the lat. arc, and observe the sun on the meridian, the resulting decl. is 22° 50' S.

At 3h, p. m., app. t., with the lat. arc unchanged, I

set off 22° 49½' S. on the decl. arc, and determine the meridian with the solar, and note the line thus established, coincides with the meridian as determined by observations on Polaris.

On the same date, the same lat. and decl. arc settings were used on Transit No. 8964, which gave the same results as stated in the final test of Transit No. 9218.

As all solar observations during the usual hours of solar work come within 1' of the true meridian, it is concluded that the adjustments of the instruments are satisfactory.

The instruments were frequently tested on the true meridian during the progress of this survey and found correct.

Unless otherwise specified, all measurements are made with Lallie steel tapes, 5 chains 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.

Resurvey of Portion of S. Bdy.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the twp., which is

A trachyte, 8x8x6 ins., loosely set; mkd. with 2 notches on the E. and 4 notches on the W. edges; set approximately 15 lks. N. of a wire fence bearing E. and W., and in line with approximately 4 miles of fence to the east.

Along side of stone

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

Chains.	
	T 12 S R 1 W S 34 | S 35 S 3 | S 2 T 13 S 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	From the existing evidence this stone and post occupy the position of the cor. of secs. 2, 3, 34 and 35, as established by Jos. Troskolawski, U. S. Deputy Surveyor in 1856, and from which Edward W. Koeber, U. S. Deputy Surveyor, initiated the survey of the N. bdy. of T. 13 S., R. 1 W.
	From this cor.
	A trachyte, 16x12x8 ins., set in mound of stone, mkd. with 2 notches on one edge and 4 notches on the opposite edge, bears S. 52° 16' E., 9.88 chs. dist.
	From the iron post
	S. 89° 04' W., on resurvey line along the S. bdy. of twp., bet. secs. 3 and 34.
	Asc. gradually over gently rolling land, through dense sagebrush undergrowth, along the N. side of a wire fence.
20.00	Foot of hills, bears N. and S.; Wire fence, bears N. and S.; enter scattering scrub cedar timber.
21.60	After diligent search, find no evidence of the cedar post set by Troskolawski.
31.30	Spur, projects SE., 180 ft. above foot of hills; desc.
35.00	Ravine, drains SE., 80 ft. below spur; asc.
40.10	Fall 66 lks. N. of a trachyte, 14x8x8 ins., det in mound of stone, mks. illegible; I accept this as the Koeber ¼ sec. cor.; alongside of which
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 3, with brass cap mkd.
	¼ S 3 1920

Chains.	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of post.
	No trees within limits suitable for bearing trees.
	The course of this line therefore is S. 88° 07' W., and the dist. is 40.12 chs.
	From this cor.
	A trachyte, 15x11x9 ins., set in mound of stone; mkd. ¼ on the N. face, bears S. 49° 55' E., 9.15 chs. dist.
	Continue same line with continuous measurement, on retracement line.
80.15	Fall 24 lks. N. of the cor. of secs. 3 and 4, which is A granite, 10x8x6 ins., set in mound of stone, mkd. with 3 notches on the E. edge; no other marks legible.
	Alongside of which
	Set an iron post, 3 ft. long, 2 ins diam., 18 ins. in the ground, on solid rock, in large mound of stone for the cor. of secs. 3 and 4, T. 13 S., with brass cap mkd.
	T 12 S R 1 W S 34. S 4 | S 3 T 13 S R 1 W 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of post.
	No trees within limits suitable for bearing trees.
	From the ¼ sec. cor.
	S. 89° 40' W., on resurvey line.
1.41	Subsequently, set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 34, with brass cap mkd.
	¼ S 34 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No trees within limits suitable for bearing trees.
2.00	Spur, projects SE., 40 ft. above ¼ sec. cor.; desc.
7.00	Head of draw, drains SE.; asc.
16.90	Ridge, bears N. and S., 230 ft. above draw; desc.

Chains.	
35.50	Ravine, drains S., 50 ft. below ridge; asc.
40.05	The cor. of secs. 3 and 4, on spur, projecting SE., 100 ft. above ravine.
	I make diligent search in a southeasterly direction from this cor., but find no evidence of any other cor.
	Land, rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar.
	Undergrowth, dense sagebrush.
	General southern exposure. Limestone and quartzite formation. Fair grazing.

	From the cor. of secs. 3 and 4, on the S. bdy. of the twp.
	S. 89° 04' W., on retracement line along the N. bdy. of sec. 4.
40.00	After diligent search, find no evidence of the ¼ sec. cor.
80.64	Pass 516 lks. N. of the cor. of secs. 4 and 5, T. 13 S., which is
	A granite, 10x10x10 ins. above ground, firmly set; mkd. with 4 notches on the E. and 2 notches on the W. edges.
	The course of this line therefore is S. 85° 24' W., and the dist. is 80.89 chs.
	From the cor. of secs. 3 and 4.
	S. 85° 24' W., on resurvey line along the N. bdy. of sec. 4.
	Desc. over rolling mountainous land, through scattering scrub cedar timber, dense sagebrush undergrowth.
2.87	Subsequently the point for the cor. of secs. 33 and 34. For establishment and description, see notes of the survey of the line bet. secs. 33 and 34.
5.10	Draw, drains S., old road in bottom, bears N. and S.; desc.

Chains.	
43.00	A westing of 40.00 chs. from the cor. of secs. 33 and 34, Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor. for sec. 33, with brass cap mkd.
	¼ S 33
	1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No trees within limits suitable for bearing trees.
40.44½	Proportional measurement. Point for ¼ sec. cor. for sec. 4; no iron post, set.
	I make diligent search in a southeasterly direction from this point, but find no evidence of another ¼ sec. cor..
	Point for cor. 400 ft. above draw; continue gradual asc.
48.00	Ridge, bears N. and S., 20 ft. above point for ¼ sec. cor.; desc.
49.00	Head of draw, drains NW., 40 ft. below ridge; asc.
60.70	Spur, projects NW., 60 ft. above head of draw; desc.
74.38	Subsequently the point for the SW. cor. of sec. 33. For establishment and description of cor., see notes of line bet. secs. 32 and 33.
80.89	The cor. of secs. 4 and 5.
	Land, rolling mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush.
	Eastern exposure in the eastern portion; western exposure in the western portion. Limestone and quartzite formation. Fair grazing.

Resurvey of a Portion of N. Bdy.,

T. 12 S., R. 1 W.

From the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the twp., which is

Chains.	
	A trachyte, 16x14x10 ins., set in mound of stone, mkd. with 2 notches on the E. and 4 notches on the W. edges. Along side of which
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 2, 3, 34 and 35, with brass cap mkd.
	T 11 S R 1 W S 34 | S 35 S 3 | S 2 T 12 S 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	West, on resurvey line bet. secs. 3 and 34, along the N. bdy. of the twp.
	Asc. gradually over rolling land, through dense sagebrush undergrowth.
6.00	Enter scattering scrub cedar and pinon timber, bears N. and S.
37.80	Spur, projects N., 390 ft. above sec. cor.; desc.
40.37	Fall 62 lks. N. of the ¼ sec. cor. as located by reference to the bearing tree. (S. 45° W., 115 lks. from a cedar, 12 ins. diam., mkd. ¼ S). At this point
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.
	¼ S 34 S 3 1920 from which
	A cedar, 12 ins. diam., bears N. 45° E., 115 lks. dist., mkd. ¼ S (Old bearing tree.)
	No other trees within limits suitable for bearing trees.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	The course of this line therefore is S. 89° 07' W., and the dist. is 40.37 chs.
	Continue same line with continuous measurement.
45.40	Ravine, drains NE., 130 ft. below spur; asc. abruptly.

Chains.	
55.10	Spur, projects N., 190 ft. above ravine; desc.
66.90	Ravine, drains N. 10° E., 220 ft. below spur; asc.
81.20	Fall 139 lks. N. of the cor. of secs. 3, 4, 33 and 34, subsequently the SW. cor. of sec. 34, as restored by reference to the SE. bearing tree. (S 71° 15' E., 283 lks. dist., a cedar, 12 ins. diam., properly mkd.)

At this point

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the SW. cor. of secs 34, with brass cap mkd.

T 11 S R 1 W

S 34

S 33

1920

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

No trees within limits suitable for bearing trees.

The course of this line therefore is S. 88° 55' W., and the dist. is 40.84 chs.

Land, rolling and mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush.

General northern exposure. Limestone and quartzite formation. Fair grazing.

Resurvey of Subdivision.

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

North, on resurvey line bet. secs. 34 and 35.

Asc. gradually over gently rolling land, through dense sagebrush undergrowth.

40.26	Fall 141 lks. E. of the ¼ sec. cor., which is

A trachyte, 12x10x8 ins., firmly set; mkd. ¼ on W. face; I find no trace of old cedar post and mound. Along side of stone

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in

Chains.

the ground, for the ¼ sec. cor., with brass cap mkd.

¼

S 34 | S 35

1920

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

From this cor.

A trachyte, 8x8x8 ins. above ground, firmly set; mkd. ¼ on W. face, bears S. 55° 24' E., 9.79 chs. dist.

The course of this line therefore is N. 2° 00' W., and the dist. is 40.28 chs.

Continue same line with continuous measurement.

81.83 Fall 307 lks. E. of the cor. of secs. 26, 27, 34 and 35, which is

The remains of a cedar post set in an old mound of earth and stone. I only find that portion of the cedar post which was under the surface of the mound. I am unable to identify a marked stone at this point. At this point I find two cedar posts loosely set in the ground, which are not coeval with the cedar posts set in the original survey of this line. At this point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 26, 27, 34 and 35, with brass cap mkd.

T 12 S R 1 W

S 27 | S 26

S 34 | S 35

1920

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

The course of this line therefore is N. 2° 17' W., and the dist. is 41.60 chs.

From this cor.

A blue limestone, 16x10x8 ins., firmly set; mkd. with 1 notch on the S. and 2 notches on the E., bears S. 54° 09' E., 10.65 chs. dist. This cor. is set in mound of stone, but there is no indication of an old mound of earth.

Chains.	
	Land, gently rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, none.
	Undergrowth, dense sagebrush.
	Eastern exposure. Limestone formation. Fair grazing.

	From the cor. of secs. 26, 27, 34 and 35.
	North, on resurvey line bet. secs. 26 and 27.
	Over gently rolling land, through dense sagebrush undergrowth and very scattering scrub cedar timber.
28.40	Old wood-road, bears E. and W.
40.43	Fall 86 lks. E. of the ¼ sec. cor., which is
	A cedar stake, 3x3x18 ins. long lying, on mound of earth and stone, mkd. ¼ on W. face. This stake had rotted off at the surface of the mound; excavation revealing the pointed portion of the stake approximately 12 ins. in length. I find no marked stone at this point.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor., with brass cap mkd.
	¼ S 27 | S 26 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
	The course of this line therefore is N. 1° 13' W., and the dist. is 40.44 chs.
	From this cor.
	A trachyte, 14x9x7 ins., set in mound of stone, mkd. ¼ on W. face, bears S. 53° E., 10.23 chs. dist. There is no indication of an old mound of earth at this point.
	Continue same line with continuous measurement.
62.60	Draw, drains E.
79.58	Fall 206 lks. E. of the cor. of secs. 22, 23, 26 and 27, which is
	A badly decayed cedar stake set in mound of earth and

Chains.	
	stone; mks. illegible. The stake when found was only supported by the mound of stone, but digging in the mound revealed a pointed portion approximately 12 ins. long. At this point
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and mound of stone, for the cor. of secs. 22, 23, 26 and 27, with brass cap mkd.
	T.12 S R 1 W S 22 | S 23 S 27 | S 26 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
	The course of this line therefore is N. 1° 45' W., and the dist. is 39.17 chs.
	From this cor.
	A trachyte, 16x8x8 ins., set in mound of stone, mkd. with 2 notches on the S. and E. edges, bears S. 58° 48' E., 9.77 chs. dist. There is no old mound of earth at this point.
	Land, rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, very scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush.
	Eastern exposure. Limestone formation. Fair grazing.

	From the cor. of secs. 22, 23, 26 and 27.
	North, on resurvey line bet. secs. 22 and 23.
	Over gently rolling land, through dense sagebrush undergrowth.
14.10	Ravine, drains E.
20.10	Old road, bears E. and W.
40.24	Fall 95 lks. E. of the ¼ sec. cor., which is
	A badly decayed cedar stake in mound of earth and stone; mks. illegible. In excavating I find the pointed portion of the stake in the ground. In centre of mound

Chains.	
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor., with brass cap mkd.
	¼ S 22 | S 23 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	From this cor.
	A trachyte, 14x12x10 ins., firmly set; mkd. ¼ on the W. face; also a badly decayed pine post 3x3x20 ins. long, one face bears indications of having been mkd; Marks illegible, bears S. 58° 30' E., 9.75 chs. dist.
	Continue same line with continuous measurement.
50.40	Draw, drains SE.
62.90	Old road, bears E. and W.
66.90	Draw, drains SE.
80.44	Fall 60 lks. E. of the cor. of secs. 14, 15, 22 and 23, which is
	A badly decayed cedar post, 4x4x30 ins. long, lying across an old mound of earth and stone; mkd. illegible. In digging I find the pointed portion of the post in the old mound. In center of mound
	Set an iron post 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 14, 15, 22 and 23, with brass cap mkd.
	T 12 S R 1 W S 15 | S 14 S 22 | S 23 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	The course of the south half mile therefore is N. 1° 21' W., and the dist. is 40.25 chs.,
	The course of the north half mile therefore is N. 0° 30' E., and the dist. is 40.20 chs.
	From this cor.
	A trachyte, 11x9x8 ins., firmly set in mound of stone,

Chains	
	marked with 3 notches on S. and 2 notches on the E. edges, alongside of which is set a pine post, 3 x 3 x 18 ins., marks illegible, bears S.54°E., 8.71 chs. distant.
	Land, rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, none.
	Undergrowth, dense sagebrush.
	Eastern exposure. Limestone formation. Fair grazing.

	From the cor. of secs. 14,15,22 and 23.
	North, on resurvey line bet. secs. 14 and 15.
	Over rolling land through dense sagebrush undergrowth.
24.00	Old road, bears E. and W.
29.10	Draw, 30 ft. deep, drains E.
40.10	Fall 76 lks. W. of the ¼ sec. cor., which is
	The remains of a cedar post, marks illegible, lying on an old mound of earth. In digging I find the pointed portion of the post in the mound. In the center of the mound
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S15 | S14 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	The course of this ½ mile is therefore N.1° 05'E., and the distance is 40.11 chs.
	From this cor.,
	A trachyte, 14 x 10 x 8 ins., set in mound of stone, marked ¼ on W. face, bears S.47° 53'E., 7.10 chs. distant.
	Continue same line with continuous measurement.
42.00	Old road, bears E. and W.
76.70	Ravine, 30 ft. deep, drains E.
80.10	After diligent search find no evidence of the cor. of secs.

Chains

10,11,14 and 15. Offset 76 lks. E. and leave temp. point 40.00 chs. N. of the ¼ sec. cor.

Subsequently this cor. was restored by proportional measurement 25 lks. South and 12 lks. East of this temp. point.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 10,11,14 and 15, with brass cap marked

T12S	R1W
S10	S11
S15	S14

1920

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

The course of this ½ mile therefore is N.0° 10'E., and the distance is 39.75 chs.

From this cor.,

A trachyte, 12 x 10 x 8 ins., set in a mound of stone, marked with 4 notches on S. and 2 notches on E. edge, bears S.34° 09'E., 6.73 chs. distant.

Land, rolling.

Soil, light clay and gravel, shallow and rocky.

Timber, none.

Undergrowth, dense sagebrush.

Eastern exposure. Limestone formation. Fair grazing.

From the temp. point for cor. of secs. 10,11,14 and 15. which is 40.00 chs. N. of the ¼ sec. cor. bet. secs. 14 and 15, counting distance from ¼ sec.cor. bet.Secs.14&15. North, on retracement line bet. secs. 10 and 11 and secs. 2 and 3, making diligent search at record distances for ¼ sec. and sec. cors. finding nothing until at

198.81 Fall 447 lks. E. of the cor. of secs. 2,3,34 and 35 on the N. bdy. of the tp. heretofore described.

The latitudinal proportion of each half mile of this line therefore is 39.754 chs. except the northern half

Chains	
	half mile bet. secs. 2 and 3 which is 39.794 chs

	From the cor. of secs. 7,12,13 and 18, on the E. bdy. of the tp., which also is the Salt Lake Principal Meridian, which is
	The remains of a cedar post, which has rotted off level with the ground. At this point I find a badly rusted old-fashioned cut spike, 6 ins. long, which has been driven perpendicular into the butt of the post after it had been rotted or broken off at the surface of the ground. This cor. was found in the middle of a heavily sodded pasture.
	From this cor.
	West, on retracement line bet. secs. 12 and 13 and secs. 11 and 14, making diligent searches for ¼ sec. and sec. cors. at record distances; none of which were found.
160.01	Record distance. Set temp. point for cor. of secs. 10, 11,14 and 15. From this temp. point, the proportional point left on the N. and S. line bears 12 lks. West and 138 lks. S.

	From the cor. of secs. 1,6,7 and 12 on the E. bdy. of the tp., which also is the Salt Lake Principal Meridian which is
	A cedar post, 4 x 4 x 12 ins., above ground, firmly set at fence cor., marked with 5 notches on S. and 1 notch on N. edge.
	West, on retracement line bet. secs. 1 and 12 and bet. secs. 12 and 11, making diligent searches at record

Chains	
	distances for ½ sec. and sec. cors., none of which were found.
159.99	Record distance. Set temp. cor. of secs. 2,3,10 and 11. From this point, the proportional point on the N. and S. line bears 136 lks. South and 273 lks. East. The course of the line bet. secs. 10 and 11 therefore is N.2° 03'W., and the distance is 79.56 chs. The course of the line bet. secs. 2 and 3 therefore is N.1°15'W., and the distance is 79.56 chs.

	From the restored cor. of secs. 10,11,14 and 15. N.2° 03' W., on resurvey line bet. secs. 10 and 11. Over gently rolling land, through dense undergrowth of sagebrush.
11.30	Draw, drains SE.
39.78	Proportionate measurement. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for restored ¼ sec. cor., with brass cap marked ¼ S10 | S11 1920 Raise a mound of stone, 2 ft.base, 1½ ft.high, W. of cor. From this cor., A mound of stone (no marked stone identified) bears S.53° 04'E., 6.81 chs. distant.
45.30	Old road, bears E. and W.
62.30	Ravine, 60 ft. deep, drains E.
79.56	Proportionate measurement. Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a large mound of stone , for restored cor. of secs.

Chains.	
	2, 3, 10 and 11, with brass cap mkd.
	T 12 S R 1 W S 3 | S 2 S 10 | S 11 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	From this cor.
	A trachyte, 12x12x8 ins., in mound of stone, mkd. with 5 notches on the S. and 1 notch on the E. edge, bears S. 53° 55' E., 6.20 chs. dist.
	Land, gently rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, none.
	Undergrowth, dense sagebrush.
	Eastern exposure. Limestone formation. Fair grazing.

	From the cor. of secs. 2, 3, 10 and 11.
	N. 1° 15' W., on resurvey line bet. secs. 2 and 3.
	Over rolling land, through dense sagebrush undergrowth.
5.50	Ravine, drains E., 20 ft. below sec. cor.; asc.
19.90	Spur, projects E., 50 ft. above ravine; desc.
25.50	Ravine, drains E., 30 ft. below spur; asc.
34.50	Spur, projects E., 35 ft. above ravine; desc.
39.76	Proportional measurement. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the restored ¼ sec. cor., with brass cap mkd.
	¼ S 3 | S 2 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	From this cor.
	A mound of stone, (no marked stone found) bears S. 50° 17' E., 498 lks. dist.
40.50	Ravine, drains E., 40 ft. below ¼ sec. cor.; asc.
53.50	Spur, projects E., 35 ft. above ravine; desc.
57.50	Ravine, drains SE., 30 ft. below spur; asc.

Chains.	
61.50	Old road, bears NE. and SW.
79.56	Proportional measurement. The cor. of secs. 2, 3, 34 and 35, on the N. Bdy. of the twp., heretofore described.
	Land, rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, a few scattering scrub cedar and pinon west of line in the northern portion.
	Undergrowth, dense sagebrush.
	Eastern exposure. Limestone formation. Fair grazing.

	From the cor. of secs. 4, 5, 32 and 33, set by Andrew J. Stewart, U. S. Deputy Surveyor in 1878, on the S. bdy. of the twp., which is
	A blue limestone, 24x8x6 ins., set in mound of stone, mkd. with 2 notches on the W., and 4 notches on the E. edge. From which
	A cedar, 6 ins. diam., bears N. 71° W., 25 lks. dist., mkd. S 32 BT.
	A cedar, 4 ins. diam., bears S. 57° W., 35 lks. dist., mkd. S 5 BT.
	From this cor.
	The cor. described in the notes of the resurvey of the S. bdy. of this twp., bears N. 73° 30' W., 739 lks. dist.
	North, on retracement line bet. secs. 32 and 33.
41.98	Fall 847 lks. E. of the ¼ sec. cor., which is
	A trachyte, 16x14x4 ins., set in mound of stone, mkd. ¼ on the W. face.
	The course of this line therefore is N. 11° 24' W., and as the SW. cor. of sec. 33 is subsequently established at the intersection of this line with the line as resurveyed as the S. bdy. of the twp., or N. 11° 24' W., 2.68 chs., the true dist. of the S. ½ mile W. bdy. of sec. 33 is 40.15 chs.
	From the ¼ sec. cor.

Chains.	
	North, on retracement line.
40.00	After diligent search, find no evidence of the cor. of secs. 28, 29, 32 and 33. Leave temp. point.
	This cor. was subsequently restored 23 lks. South, and 507 lks. East, of this point.
	The course of this line therefore is N. 7° 16' E., and the dist. is 40.09 chs.
	From the Stewart cor. of secs. 4,5,32 and 33 N. 11° 24' W., on resurvey line.
	Over mountainous land, through scattering scrub cedar and pinon timber, scattering sagebrush, service berry and bitter brush undergrowth.
.30	Draw, drains SW., from the SE.; asc.
2.68	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the SW. cor. of sec. 33, with brass cap mkd.
	T 12 S R 1 W S 33 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, NE. of post.
7.50	Spur, porjects W., 50 ft. above draw; desc.
10.40	Ravine, drains W., 60 ft. below spur; asc.
27.40	Spur, projects W., 150 ft. above ravine; desc.
31.20	Ravine, drains W., 90 ft. deep; asc.
42.83	The ¼ sec. cor. Alongside of which
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor. for sec. 32, with brass cap mkd.
	¼ S 32 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
	Cor. established on spur projecting W.; desc.
	From the ¼ sec. cor. for sec. 32.

CHAINS.	
	N. 7° 16' E., on resurvey line.
4.40	Ravine, drains W., 80 ft. below spur; asc.
8.78	E. southing of 40 chs. from the cor. of secs. 28 and 33, subsequently, set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 33, with brass cap mkd.

¼
S 33
1920

Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
No trees within limits suitable for bearing trees.

12.50	Spur, projects W., 140 ft. above ravine. desc.
15.50	Ravine, drains W., 80 ft. below spur; asc.
23.60	Spur, projects W., 75 ft. above ravine; desc.
30.90	Ravine, drains NW., 70 ft. below spur. Old road in bottom.
40.09	Proportional measurement. Subsequently, set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the restored cor. of secs. 29 and 32, with brass cap mkd.

T. 12 S.
S 29 | S 33
S 32
R 1 W.
1920

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling mountainous.
Soil, light clay and gravel, shallow and rocky.
Timber, scattering scrub cedar and pinon.
Undergrowth, dense sagebrush, service berry and bitter brush.
Western exposure. Limestone formation. Fair grazing.

From the temp. point left 40 chs. N. of the ¼ sec. cor. for sec. 33

North, on retracement line bet. secs. 28 and 29.

Chains.

79.33 Fall 333 lks. W. of the cor. of secs. 20, 21, 28 and 29, which later becomes the cor. of secs. 20 and 29, only; which is

A trachyte, 16x10x4 ins., set in mound of stone at fence cor.; mkd. with 2 notches on the S. and 4 notches on the west edges.; alongside of which

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

T 12 S R 1 W

S 20 | S 28
S 29 |

1920

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

The proportional dist. for each half mile bet. this cor. and the ¼ sec. cor., bet. secs. 32 and 33, not the ¼ sec. cor. for sec. 32, only, is 39.77 chs.

From the ¼ sec. cor., bet. secs. 29 and 32, which is

A trachyte, 12x12x8 ins., firmly set in mound of stone, mkd. ¼ on the W. face.

East, on retracement line bet. secs. 29 and 32.

35.42 Fall 413 lks. S. of the temp. point left 40 chs. N. of the ¼ sec. cor. for sec. 32.

40.49 Record dist. After diligent search, find no evidence of the cor. of secs. 28, 29, 32 and 33.

I restore this cor. for secs. 29 and 32, only, at a point 23 lks. S., and 507 lks. E. of the temp. point left 40 chs. N. of the ¼ sec. cor. for sec. 32.

The course of the N. half mile bet. secs. 32 and 33, therefore is N. 7° 16' E., and the dist. is 40.09 chs.

The course of the E. bdy. of secs 29 is therefore N. 1° 15' W., and the proportional dist. is 79.58 chs.

From the restored cor. of secs. 29 and 32.

Chains.	
	N. 1° 15' W., on resurvey line along the E. bdy. of sec. 29.
	Over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
8.94	Subsequently the point for the cor. of secs. 28 and 33.
9.80	Ravine, drains SW., 30 ft. below cor. of secs. 29 and 32; asc.
22.40	Spur, projects SW., 130 ft. above draw; desc.
32.20	Ravine, drains SW., 80 ft. below spur; asc.
39.79	Proportional measurement. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor., with brass cap mkd.
	¼ S 29 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
40.50	Ravine, drains W.,
48.97	Subsequently. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 28, with brass cap mkd.
	¼ S 28 1920
	Raise a mound of stone, 2 ft, base, 1½ ft. high, E. of cor.
	No trees within limits suitable for bearing trees.
49.50	Spur, projects W., 100 ft. above ravine; desc.
51.50	Ravine, drains W., 30 ft. deep; asc.
76.00	Ridge, bears NW. and SE., 300 ft. above ravine; desc.
79.58	The cor. of secs. 20 and 29.
	Land, rolling mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.

Chains	
	Undergrowth, dense sagebrush.
	Western exposure. Limestone formation. Poor grazing.
	From the cor. of secs. 20 and 29.
	North, on retracement line along E. bdy. sec. 20.
40.52	Fall 184 lks. E. of the ¼ sec. cor. hereinafter described.
	The course of this ½ mile is N.2° 36'W., and the distance is 40.56 chs.
	From point 184 lks. E. of ¼ sec. cor., continue North.
80.35	Fall 294 lks. E. of the cor. of secs. 16,17,20 and 21 hereinafter described.
	The course of this ½ mile is N.1°35'W., and the distance is 39.85 chs.
	From the cor. of secs. 20 and 29.
	N.2°36'W., on resurvey line along E.bdy. sec. 20.
	Over rolling mountainous land through very scattering scrub cedar and pinon timber and dense sagebrush undergrowth. Descend.
4.70	Ravine, 80 ft. below cor., drains NE.; thence over E. slope of spur projecting N.
9.42	Subsequently the point for the cor. of secs. 21 and 28.
12.20	Same ravine, 60 ft. below spur, drains NW.; ascend.
30.70	Low ridge, 50 ft. above ravine, bears E. and W.;descend.
40.56	The ¼ sec. cor. which is a trachyte , 12 x 12 x 6 ins., firmly set in a mound of stone, marked ¼ on W. face; No accessories to cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground and stand old cor. alongside for ¼ sec. cor. E. bdy. sec. 20, with brass cap marked
	¼S20 | 1920
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W. of cor.
	No suitable bearing trees available.
	Thence
	N.1°35'W., with continuous measurement.

Chains	
45.00	Ravine, 30 ft. below ¼ sec. cor., drains W.; ascend.
49.44	Subsequently. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. W. bdy. sec. 21, with brass cap marked
	½S21 | 1920
	Raise a mound of stone, 2 ft.base, 1½ ft.high, E. of cor.
	No suitable bearing trees are available.
60.50	Spur, 100 ft. above ravine, projects W.; descend.
68.40	Ravine, 80 ft. below spur, drains W.; ascend.
80.41	The cor. of secs. 16,17,20 and 21, located by reference to the NE. bearing tree.
	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and in a large mound of stone for restored cor. of secs. 17 and 20, with brass cap marked
	T12SR1W S17 | S21 S20 | 1920
	from which
	A cedar, 20 ins.diam.,bears N.75°E., 50 lks. dist., marked T 12 S R 1 W S 21 B T
	This is the only original bearing tree found, the others having been destroyed. I leave the tree marked as it was originally, except that I change the section from 16 to 21. After diligent search I am unable to find any evidence of the cor. stone. There are no other suitable trees available for bearing trees.
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W. of cor.
	Land, rolling mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, very scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush.
	Western exposure. Limestone formation. Poor grazing.

	From the cor. of secs. 17 and 20.

Chains	
	North, on retracement line along E. bdy. sec. 17.
40.32	Fall 22 lks. E. of the ¼ sec. cor. hereinafter described.
	The course of this ½ mile is N.0°19'W., and the distance is 40.32 chs.
	From point 22 lks. E. of ¼ sec. cor., continue North.
80.48.	Fall 68 lks. E. of the cor. of secs. 8,9,16 and 17, hereinafter described.
	The course of this ½ mile is N.0°.39'W., and the distance is 40.16 chs.
	Thence from cor. of secs. 17 and 20.
	N.0°19'W., on resurvey line along E. bdy. sec. 17.
	Gradually ascend along nearly W. slope over mountainous land through scattering scrub cedar and pinon timber and dense undergrowth of sagebrush.
9.05	Northing of 80.00 chs. from cor. of secs. 21 and 28.
	Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock and 16 ins. in a large mound of stone for cor. of secs. 16 and 21, with brass cap marked
	T12S | R1W S16 S17 | S21 1920
	No suitable bearing trees are available.
10.00	Spur, 45 ft.above cor. of secs. 17 and 20, projects W.; descend.
19.20	Ravine, 100 ft. below spur, drains W.; ascend.
30.00	Spur, 100 ft. above ravine, projects SW.; descend.
32.50	Draw, 35 ft. below spur, drains SW.; ascend.
40.32	The ¼ sec. cor. which is a trachyte, 16 x 11 x 8 ins., firmly set in a mound of stone, marked ¼ on W. face; no accessories to cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground and stand old cor. alongside for ¼ sec. cor. sec. 17, with brass cap marked

Resurvey of Subdivision, T.12 S.,R.1 W.

Chains	
	¼ S17 | 1920
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor.
	No suitable bearing trees available.
	Thence
	N.0°39'W., with continuous measurement.
49.05	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and in a large mound of stone for ¼ sec. cor. sec. 16, with brass cap marked ¼ S16 | 1920
	No suitable bearing trees available.
50.50	Spur, 50 ft. above ¼ sec. cor. sec. 17, projects W.; descend.
55.40	Ravine, 75 ft. deep, drains W.; ascend.
80.48	On S. slope 280 ft. above ravine.
	The cor. of secs. 8,9,16 and 17 which is trachyte, 14 x 8 x 6 ins., firmly set in a mound of stone, dimly marked with 4 notches on E. and S. edges; no accessories to cor.
	Cor. stands at cor. of fences bearing E., W. and N.
	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone and stand old cor. alongside for cor. of secs. 8 and 17 with brass cap marked T12S S8 | R1W S17 | S16 1920
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor.
	No suitable bearing trees available.
	Land, mountainous.
	Soil, shallow sandy loam and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush.
	Western exposure. Volcanic and granite formation; Poor grazing.

Chains	
	From the cor. of secs. 8 and 17.
	North, on retracement line along E. bdy. sec. 8.
40.00	No trace of the old ¼ sec. cor. can be found.
79.86	Fall 249 lks. E. of the cor. of secs. 4,5,8 and 9 hereinafter described.
	The course of this mile is N.1° 47'W., and the proportionate distance for each ½ mile is 39.95 chs.
	Thence from cor. of secs. 8 and 17.
	N.1° 47'W., on resurvey line along E. bdy. sec. 8.
	Over mountainous land along general W. slope near top of ridge divide bet. Juab and Dog Valleys, through very scattering scrub cedar and pinon timber and undergrowth of sagebrush. Ascend.
3.30	Spur, 30 ft. above cor., projects W.; descend.
5.50	Ravine, 35 ft. below spur, drains W.; ascend.
8.57	Northing of 80.00 chs. from cor. of secs. 16 and 21.
	Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock and 16 ins. in a large mound of stone for cor. of secs. 9 and 16, with brass cap marked
	T12S R1W S8 | S9 | S16 1920
	No suitable bearing trees are available.
20.00	Spur, 75 ft. above ravine, projects W.; descend.
29.90	Head of draw, 60 ft. below spur, drains W.; ascend.
39.95	Proportionate measurement. On top of ridge divide bet. Juab and Dog Valleys, 60 ft. above draw, bears N.10°E. and S.10°E.
	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 ¼ sec. cor. E. bdy. sec. 8, with brass cap marked
	¼ S8 1920
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W. of cor.
	No suitable bearing trees available.
	Thence along top of divide.

Chains	
48.58	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 ¼ sec. cor. W. bdy. sec. 9, with brass cap marked ¼ S9 1920 Raise a mound of stone, 2 ft.base, 1½ ft.high, E. of cor. No suitable bearing trees available.
51.30	Begin gradual descent along W. slope of divide.
66.10	Head of draw, 150 ft. below divide, drains SW.; ascend 75 ft. to
79.90	The cor. of secs. 4,5,8 and 9 which is a trachyte, 14 x 8 x 6 ins., lying on the ground, properly marked but not witnessed. Set and iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and stand old cor. alongside for cor. of secs. 5 and 8, with brass cap marked T12S | R1W S5 S8 | S9 1920 Raise a mound of stone, 2 ft.base,1½ ft.high, W.of cor. No suitable bearing trees available. Land, mountainous. Soil, shallow brown sandy loam and rocky. Timber, scattering scrub cedar and pinon. Undergrowth, dense sagebrush. General western exposure. Granite and volcanic formation. Poor grazing.

	From the cor. of secs. 5 and 8. North, on retracement line along E. bdy. sec. 5,
40.24	Fall 86 lks. E. of the ¼ sec. cor. hereinafter described. The course of this ½ mile is N.1°13'W., and the distance is 40.25 chs.
	From point 86 lks. E. of ¼ sec. cor., continue North.
80.52	Fall 136 lks. E. of the cor. of secs. 4,5,32 and 33 on

Chains.	
	the N. bdy. of the tp. hereinafter described.
	The course of this ½ mile is N. 0° 43' W., and the distance is 40.28 chs.
	Thence from the cor. of secs. 5 and 8.
	N. 1° 13' W., on resurvey line along the E. bdy. sec. 5.
	Gradually ascend along W. slope of divide bet. Juab and Dog Valleys, over rolling mountainous land, through dense sagebrush undergrowth.
8.71	Northing of 80.00 chs. from the cor. of secs. 9 and 16.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 4 and 9, with brass cap mkd. T 12 S | R 1 W / S 4 / S 5 | S 9 / 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
19.80	Top of ridge divide bet. Juab and Dog Valleys, bears N. 20° W. and S. 20° E.; continue gradual ascent along E. slope.
34.80	Same divide, bears N. and S. 10° W.; thence along top ridge.
40.25	The ¼ sec. cor. which is a trachyte, 24x18x20 ins., above ground, firmly set; marked ¼ on W. face; no accessories to cor.
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground alongside old cor. for ¼ sec. cor. E. bdy. sec. 5, with brass cap mkd. ¼ S5 | 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Thence
	N. 0° 43' W., with continuous measurement.
48.00	Top of ascent and leave divide, bears NE. and S.; thence gradually descend along W. slope.
48.72	Northing of 40.00 chs. from the cor. of secs. 4 and 9.
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor. W. bdy. sec. 4, with brass cap mkd.

Chains.	
	¼ S 4 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
63.00	Top of same divide; bears N. and S. 10° E., thence along top.
80.53	The cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the tp., subsequently the cor. of secs. 4 and 5 only.
	Which is a trachyte, 14x6x6 ins., firmly set in mound of stone, mkd. with 4 notches on E. and 2 notches on W. edge; no accessories to cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone with old cor. standing alongside, for the cor. of secs. 4 and 5, with brass cap mkd.
	T 11 S R 1 W S 32 S 5 | S 4 T12S 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high; W. of cor.
	Land, mountainous, general E. and W. exposure and drainage from divide.
	Soil, shallow brown sandy loam and rocky.
	Timber, a few scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush.
	Poor grazing. Granite and volcanic formation.

	From the cor. of secs. 26, 27, 34 and 35.
	West, on retracement line bet. secs. 27 and 34.
40.00	No trace of the ¼ sec. cor. can be found.
80.00	No trace of the cor. of secs. 27, 28, 33 and 34 can be found. Set temp. point.
	From temp. cor. of secs, 27, 28, 33 and 34.
	South, on retracement line bet. secs. 33 and 34.
40.00	No trace of the ¼ sec. cor. can be found.
69.00	No trace of the post set in mound of earth can be found.
	From the temp. cor. of secs. 27, 28, 33 and 34.
	West, on retracement line bet. secs. 28 and 33.

Chains	
40.00	No trace of the ¼ sec. cor. can be found.
61.00	No trace of the post set in mound of earth can be found.
	From the temp. cor. of secs. 27,28,33 and 34.
	North, on retracement line bet. secs. 27 and 28
38.63	Fall 98 lks. E. of the old ¼ sec. cor. which is a greatly decayed cedar stake lying on top of an old mound of earth and stone. I excavate in center of mound and find pieces of the stake that have rotted.
	I now restore the cor. of secs. 27,28,33 and 34 by right angle offsets, using the cor. of secs. 26,27,34 and 35 and the ¼ sec. cor. bet. secs. 27 and 28 as points of control and find that the point for restored cor. is 1.37 chs. S. of the temp. cor. already set.
	The course of the line bet. secs. 27 and 34 is S.89°01'W., and the proportionate distance for each ½ mile is 40.00½ chs.
	The course of the S.½ mile bet. secs. 27 and 28 is N.1° 24'W. and the distance is 40.01 chs.
	For description of cor. of secs. 27,28,33 and 34, see resurvey of line bet. secs. 27 and 34.

	From the ¼ sec. cor. bet. secs. 27 and 28.
	North, on retracement line on N.½ mile bet. secs. 27 and 28.
40.00	No trace of the cor. of secs. 21,22,27 and 28 can be found. Set. temp. sec. cor.
	From the cor. of secs. 22,23,26 and 27,
	West, on retracement line bet. secs. 22 and 27.
40.02½	No trace of the ¼ sec. cor. can be found.
80.05	I am again unable to find any trace of the cor. of secs. 21,22,27 and 28. The temp. cor. already set from the S. bears 1.21 chs. S. and 1.05 chs. E.
	I now restore the cor. of secs. 21,22,27 and 28 by right angle offsets, using the cor. of secs. 22,23,26 and 27 and the ¼ sec. cor. bet. secs. 27 and 28 as points of control and find that the point for restored cor. is

Chains	
	1.05 chs. W. of the temp. cor. already set.
	The course of the line bet. secs. 22 and 27 is S.89°08'W., the proportionate distance for each ½ mile is 40.03 chs.
	The course of the N.½ mile bet. secs. 27 and 28 is N.1°30'W., and the distance is 40.01 chs.
	For description of cor. see resurvey of the line bet. secs. 27 and 28.

	From the cor. of secs. 26,27,34 and 35.
	S.89°01'W., on resurvey line bet. secs. 27 and 34.
	Gradually ascend over rolling land sloping E., through scattering scrub cedar timber and undergrowth of sage-brush.
11.70	Old wood road, bears NW. and SE., on top of low spur, 45 ft. above cor. projects SE.
17.40	Shallow draw, 20 ft. below spur, drains SE.; ascend.
21.60	Low spur, 40 ft. above draw, projects SE.; thence along SW. slope.
26.40	Draw, about level with spur, drains SE.; leave rolling land enter mountains, bears N. and S.; ascend.
40.00½	On S. slope of spur, projects E.
	Proportionate measurement. Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd.
	¼ S27/S34 1920
	Raise a mound of stone, 2 ft.base, 1½ ft.high, N. of cor.
	No suitable bearing trees are available.
	Begin ascent over general SE. slope of spur.
72.00	Spur, 215 ft. above ¼ sec. cor., projects NE.; enter dense scrub cedar timber, bears NE. and SW.; descend.
79.30	Draw, 55 ft. below spur, drains NE.; leave dense timber, bears NE. and SW.; ascend.
80.01	Point for restored cor. of secs. 27,28,33 and 34.
	Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and in a mound of stone for

Chains	
	cor. of secs. 27,28,33 and 34, with brass cap marked
	T12S | R1W S28 | S27 S33 | S34 1920
	from which
	A cedar, 4 ins.diam.,bears N.32½°E., 22 lks. dist., marked B T
	A cedar, 4 ins.diam.,bears S.80¾°E., 58 lks. dist., marked B T
	A cedar, 4 ins.diam.,bears S.45°W., 40 lks. dist., marked B T
	A cedar, 4 ins.diam.,bears N.48½°W., 9 lks. dist., marked B T
	Land, gently rolling on E. 26.40 chs., mountainous on remainder of mile; general E. exposure and drainage.
	Soil, shallow, brown sandy loam and rocky of granite and volcanic formation.
	Timber, scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing land.

	From the cor. of secs. 27,28,33 and 34.
	South, on resurvey line bet. secs. 33 and 34.
	Over mountainous land through cedar timber and dense undergrowth of sagebrush and juniper.
.40	Draw, 5 ft. below cor., drains NE.; ascend N. slope.
3.40	Ridge, 45 ft. above draw, bears E. and W.; leave dense timber and juniper undergrowth, bears E. and W.; descend.
8.00	Draw, 105 ft. below ridge, drains SE.; ascend.
15.90	Spur, 35 ft. above draw, projects E.; descend.
18.20	Draw, 45 ft. below spur, drains E.; ascend.
20.80	Spur, 45 ft. above draw, projects E.; descend.
27.30	Draw, 45 ft. below spur, drains NE.; ascend.
30.00	Spur, 55 ft. above draw, projects E. about 5 chs.; gradually descend.
32.00	Shallow draw, drains E.; ascend.

Chains	
36.50	Spur, 35 ft. above draw, projects E.; descend.
38.60	Draw, 30 ft. below spur, drains E.; ascend.
40.00	On N. slope. I again make search for ¼ sec. cor. but fail to find any trace of same.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and surrounded by a large mound of stone for ¼ sec. cor., with brass cap marked

¼
S33 | S34
1920

from which

A lone cedar, 6 ins.diam.,bears N.75½°W., 92 lks. dist.,marked ¼ S 33 B T

No other trees available.

For land rating, see S.½ of this mile.

From the cor. of secs. 27,28,33 and 34.

West, on resurvey line bet. secs. 28 and 33.

Over mountainous land through scrub cedar timber and undergrowth of sagebrush and juniper. Ascend.

6.00	Spur, 40 ft. above cor., projects NE.; thence along general N. slope of ridge.
15.00	Draw, 45 ft. below spur, drains NE.; ascend E. slope.
17.50	Spur, 65 ft. above draw, projects NE.; descend.
20.00	Draw, drains NE.; ascend abruptly E. and NE. slopes.
38.10	Spur, 220 ft. above draw, projects N.; gradually descend.
40.00	In shallow draw, drains N.20°E., 15 ft. below spur.

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 6 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

¼ S28
S33
1920

from which

A cedar, 6 ins.diam.,bears N.7½°E., 162 lks. dist.,marked ¼ S 28 B T

Resurvey of Subdivision, T.12 S.,R.1 W.

Chains	
	A cedar, 6 ins.diam.,bears S.52°W., 17 lks. dist.,marked ¼ S 33 B T
	For land rating, see W.½ of this mile.
	From the cor. of secs. 27,28,33 and 34.
	N.1° 24'W., on resurvey line bet. secs. 27 and 28.
	Over mountainous land through scattering scrub cedar timber and undergrowth of sagebrush and juniper. Ascend.
2.75	Spur, 30 ft. above cor., projects E.; descend N. slope.
10.15	Draw, 70 ft. below spur, drains E.; ascend S. slope.
16.15	Spur, 125 ft. above draw, projects E.; wood road on spur, bears E. and W.; descend NE. slope.
22.75	Draw, 100 ft. below spur, drains E.;ascend SE. slope.
27.25	Spur, 40 ft. above draw, projects E.; descend NE. slope.
36.85	Draw, 60 ft. below spur, drains SE.; ascend S. slope 65 ft.
40.01	The ¼ sec. cor. heretofore described.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground in center of old earth and stone mound for ¼ sec. cor., with brass cap marked
	¼ S28 | S27 1920
	from which
	A cedar, 6 ins.diam.,bears S.72¼°E., 117 lks. dist.,marked ¼ S 27 B T
	No other trees available.
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor.
	Thence
	N.1° 30'W., with continuous measurement.
43.00	Spur, 20 ft. above ¼ sec. cor., projects E.; descend.
48.65	Draw, 45 ft. below spur, drains E.; ascend.
50.50	Spur, 45 ft. above draw, projects E.; descend.
55.00	Draw, 40 ft. below spur, drains SE.; ascend.
58.50	Spur, 35 ft. above draw, projects SE.; descend.
64.50	Draw, 45 ft. below spur, drains S.70°E.; ascend.

Chains	
71.65	Spur, 100 ft. above draw, projects S.80°E.; descend.
74.25	Draw, 35 ft. below spur, drains S.85°E.; ascend S. slope 90 ft. to
80.02	Point for restored cor. of secs. 21,22,27 and 28. Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and in a large mound of stone for cor. of secs. 21,22,27 and 28, with brass cap marked

T12S | R1W
S21 | S22
S28 | S27
1920

No suitable bearing trees are available.

Land, mountainous; general E. exposure and drainage.

Soil, shallow, coarse , brown sandy loam and rocky, granite and volcanic formation.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and scattering juniper.

Fair grazing land.

From the cor. of secs. 22,23,26 and 27.

S.89°08'W., on resurvey line bet. secs. 22 and 27.

Gradually ascend over rolling land sloping E., through dense undergrowth of sagebrush and very scattering scrub cedar timber.

20.90	Leave valley and enter mountains, bears NW. and SE.; ascend E. slope of spur.
27.60	Top of spur, 90 ft. above sec. cor., projects N.; descend.
34.00	Draw, 40 ft. below spur, drains NE.; ascend.
40.03	Proportionate measurement. On top of low spur, projects NE., 35 ft. above draw.

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 ¼ sec. cor., with brass cap marked

¼ S22
S27
1920

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

No suitable bearing trees are available.

Chains	
43.00	Draw, 30 ft. below ¼ sec. cor., drains NE.; ascend over E. and S. slopes.
66.00	Top of ascent on S. slope, 185 ft. above draw; gradually descend.
69.60	Draw, 15 ft. below top of ascent, drains SE.; ascend abruptly 155 ft. to
80.06	The cor. of secs. 21,22,27 and 28.
	Land, eastern portion of mile rolling valley, western portion mountains; general E. exposure and drainage.
	Soil, shallow brown sandy loam and rocky of granite and volcanic formation.
	Timber, very scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing land.

	From the cor. ofsecs. 14,15,22 and 23.
	West, on a resurvey line bet. secs. 15 and 22.
	Gradually ascend over rolling land through dense sage-brush and scattering juniper undergrowth.
28.70	Wash, 25 lks. wide, 3 ft. deep, drains SE.
40.00	No trace of the old ¼ sec. cor. can be found.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the groundmfor ¼ sec. cor., with brass cap marked
	¼ S15/S22 1920
	Raise a mound of stone, 2 ft. base, 1½ ft.high, N.of cor.
	Cor. stands at foot of mountain, bears N. and S.
	For land rating see W.½ of this mile.

	From the cor. of secs. 10,11,14 and 15.
	West, on a resurvey line bet. secs. 10 and 15.
	Over rolling land through dense undergrowth of sagebrush.
9.30	Wash, 15 lks. wide, 3 ft. deep, drains SE.; leave rolling land and enter mountains, bears NE. and S.; ascend E. slope.

Chains	
35.40	Spur, 205 ft. above wash, projects SE.; thence along S. slope.
40.00	No trace of the old ¼ sec. cor. can be found. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked ¼ S10/S15 1920 Raise a mound of stone, 2 ft.base,1½ ft.high, N.of cor. For land rating see W.½ of this mile.

	From the cor. of secs. 2,3,10 and 11. West, on resurvey line bet. secs. 3 and 10. Over rolling land through very scattering scrub cedar timber and undergrowth of sagebrush and juniper. Gradually descend along N. slope of ravine.
8.00	Bottom of ravine, drains NE.; enter mountainous land, bears NE. and S.; ascend.
32.00	Spur, 200 ft. above ravine, projects SE.; descend.
38.90	Draw, drains SE., near junction with draw from the SW.
40.00	No trace of the old ¼ sec. cor. can be found. Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 6 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked ¼ S3/S10 1920 Raise a mound of stone, 2 ft. base, 1½ ft.high,N.of cor. No suitable bearing trees available. Cor. stands on S. slope of a low point near junction of draws from the NW. and SW. and which drain SE. For land rating see W.½ of this mile.

Survey of Portion of N. Bdy., T. 12 S., R. 1 W.

Chains.	
	I begin at the cor. of secs. 4 and 5, on the N. bdy. of the twp., heretofore described.
	Knowing from previous retracements that the course of the line bet. secs. 4 and 33 will be out of limits, I run East, on true line along the N. bdy. of sec. 4.
	Gradually ascend over rolling mountainous land through dense sagebrush undergrowth.
1.40	Top of ridge divide bet. Juab and Dog Valleys, 20 ft. above sec. cor., bears N. and S.; descend abruptly.
2.20	Wire fence, bears N. and S.
11.60	Draw, 320 ft. below divide, drains SW.; desc. gradually.
17.20	Spur, 55 ft. below draw, projects SE.; desc. abruptly.
29.35	Main Canon, 255 ft. below spur, drains N. from SW.; trail in canon, bears N. and SW.; asc. abruptly.
36.11	A westing of 40 chs. from the SW. cor. of sec. 34. Subsequently, set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for ¼ sec. cor. for sec.33, with brass cap mkd.
	¼ S 33 / 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
41.64	A westing of 40 chs. from the cor. of secs. 4 and 33. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock and 14 ins. in a mound of stone for ¼ sec. cor. sec. 4, with brass cap mkd.
	¼ S 4 / 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	Continue asc. over general broken N. slope.
69.00	Top of asc. on rolling top of spur, bears N. 70°E. descend abruptly E. and SE. slopes 250 ft. to
81.64	Intersect N. and S. line 7.60 chs. south of the NW. cor. of secs 3, T.12 S., R.1 W. At point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 4 and 33, with brass cap mkd.

Chains.	
	T11S R 1W S33 | S 3 S 4 T12SR1W 1920
	Raise a mound of stone,2 ft.base,1½ ft.high, W. of cor.
	Land, rough mountainous; general E. exposure and drainage except W. 1.40 chs. which slopes amd drains W.
	Soil, shallow sandy loam and rocky of granite and volcanic formation.
	Timber, a few scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Poor grazing.

	Subdivision of T.12 S.,R.1 W.
	From the ¼ sec. cor. bet. secs. 33 and 34.
	South, on true line bet. secs. 33 and 34.
	Over mountainous land, through undergrowth of sagebrush.
	A few scattering cedar trees each side of line. Asc.
5.70	Spur, 90 ft. above cor., projects E.; descend.
13.70	Head of draw, drains S.15°E.;continue descent E. slope.
26.00	Spur, 150 ft. below last spur, projects S.15°E., descend W. slope, 55 ft. to
42.09	Intersect S. bdy. of the tp. 2.87 chs. S.85°24'W. of the cor. of secs. 3 and 4 set by Deputy Koeber and heretofore described.
	At point of intersection,
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground. on solid rock and 6 ins. in a mound of stone for cor.of secs.33 and 34,with brass cap marked
	T 12 S | R 1 W S 33 | S 34 S 4 T 13 S R 1 W 1920
	Raise a mound of stone,2 ft.base,1½ ft.high, N. of cor.
	No suitable bearing trees are available.

Chains	
	Land, mountainous; general E. exposure and drainage.
	Soil, shallow brown sandy loam and rocky, limestone and granite formation.
	Timber, a few scattering cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing land.

	From the ¼ sec. cor. bet. secs. 28 and 33.
	West, on true line bet. secs. 28 and 33.
	Over mountainous land through scattering scrub cedar timber and undergrowth of sagebrush. Gradually ascend along N. slope.
10.00	Top of ridge divide bet. Juab and Dog Valleys, 75 ft. above ¼ sec. cor., bears N. and S.; descend over general W. slope 330 ft. to
34.56	Intersect E. bdy. of sec. 29, 8.94 chs. N.1°15'W. of the restored cor. of secs. 29 and 32 heretofore described. At point of intersection,
	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 28 and 33, with brass cap marked
	T12S | R1W S28 S29 | S33 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	No suitable bearing trees are available.
	Land, mountainous; general E. and W. exposure and drainage from divide at 10.00 chs.
	Soil, shallow brown sandy loam and rocky, limestone and quartz formation.
	Timber, scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing.

	From the cor. of secs. 21,22,27 and 28.
	West, on true line bet. secs. 21 and 28.

Chains	
	Over rough mountainous land through very scattering scrub cedar timber and undergrowth of sagebrush and juniper. Gradually ascend along S. slope.
5.90	Spur, about level with sec. cor., projects S.; descend.
7.10	Draw, 50 ft. below spur, drains S.; ascend.
10.90	Spur, 50 ft. above draw, projects S.; descend.
15.00	Draw, 35 ft. below spur, drains SE.; ascend.
20.60	Spur, 45 ft. above draw, projects SE.; descend abruptly.
23.10	Deep draw, 65 ft. below spur, drains SE.; ascend abruptly E. slope.
34.70	High spur, 415 ft. above draw, projects SE.; gradually descend along rough and rocky S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a large mound of stone for ¼ sec. cor., with brass cap marked ¼ S21 / S28 / 1920 No suitable bearing trees available.
42.10	Rocky spur, 50 ft. above ¼ sec. cor., projects SE.; descend.
45.10	Rocky draw, drains SE.; ascend abruptly.
50.85	Top of ridge divide bet. Juab and Dog Valleys, 215 ft. above draw, bears N. and S.; descend over general W. slope.
73.90	Ravine, 310 ft. below divide, drains N.; ascend 20 ft.
74.59	Intersect E. bdy. sec. 20, 9.42 chs. N.2° 36'W. of the cor. of secs. 20 and 29. At point of intersection, Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 21 and 28, with brass cap marked T12S | R1W S21 S20 | S28 1920 Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. No trees within limits suitable for bearing trees.

Chains	
	Land, mountainous; general E. and W. exposure from divide bet. Juab and Dog Valleys.
	Soil shallow brown loam and rocky; limestone and granite formation.
	Timber, scattering scrub cedar.
	Undergrowth, sagebrush and juniper.
	Poor grazing.

	Knowing from previous retracements in this township that a line run north from the cor. of secs. 21,22,27 and 28 will fall out of limits at the old cor. of secs. 3,4,33 and 34 on the N. bdy. of the tp., I begin at the cor. of secs. 21,22,27 and 28.
	Thence
	North, on true line bet. secs. 21 and 22.
	Over mountainous land through dense sagebrush and scattering juniper undergrowth. A few scrub cedar trees on both sides of line. Ascend.
2.90	Spur, 45 ft. above cor., projects SE.; descend.
8.80	Draw, 45 ft. below spur, drains SE.; ascend.
12.70	Spur, 95 ft. above draw, projects E.; descend.
19.95	Draw, 105 ft. below spur, drains SE.; ascend.
24.80	Spur, 80 ft. above draw, projectsSE.; descend.
28.30	Head of draw, 60 ft. below spur, drains E.; ascend.
34.90	Spur, 80 ft. above draw, projects E.; descend abruptly N. slope 145 ft. to
40.00	On steep N. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor. E. bdy. sec. 21, with brass cap marked ¼ S21 | 1920
40.94½	Subsequently. 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 ¼ sec. cor. W. bdy. sec. 22, with brass cap marked

Subdivision of T.12 S.,R.1 W.

Chains	
	$\frac{1}{4}$ S22 1920
	Raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high, E.of cor.
	Cor. stands in small draw, from the SW.; drains NE.
41.10	Canyon, drains E.; ascend abruptly S. slope, slide rock and small ledges.
62.50	Spur, 490 ft.above canyon, projects NE. and SE.; descend abruptly N. slope.
75.10	Ravine, 260 ft. below spur, drains NE.; thence along general E. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground on solid rock and 14 ins. in a mound of stone for cor. of secs. 16 and 21, with brass cap marked T12S | R1W S16 | S21 | S22 1920
	Raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high, W.of cor.
	Land, rough mountains; general E. exposure and drainage.
	Soil, shallow brown loam and rocky of volcanic and blue limestone formation.
	Timber, a few scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Poor grazing.

	West, on a random line bet. secs. 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.17	Intersect N. and S. line 12 lks. S. of the cor. of secs. 16 and 21.
	Thence
	S.89°55'E., on true line bet. secs. 16 and 21.
	Over mountainous land through scattering scrub cedar timber and undergrowth of sagebrush and juniper. Ascend W. and NW. slope.
30.85	Ridge, 225 ft. above cor., bears NE. and SW.; descend.
37.17	On SE. slope near bottom of draw.

Chains	
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S16 / S21 / 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees available.
37.45	Draw, 35 ft. below ridge, drains SW.; ascend.
53.45	Top of ridge divide bet. Juab and Dog Valleys, 130 ft. above draw, bears NW. and SE.; descend abruptly NE. and E. slopes 535 ft. to
77.17	The cor. of secs. 16 and 21.
	Land, rough mountains; general E. and W. exposure and drainage from divide.
	Soil, shallow brown loam and rocky; limestone, quartz and volcanic formation.
	Timber, a few scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing.

	From the cor. of secs. 16 and 21.
	North, bet. secs. 15 and 16.
	Over mountainous land through very scattering scrub cedar timber and undergrowth of sagebrush and juniper. Descend along E. and N. slopes.
1.89	The cor. of secs. 15 and 22 subsequently set at this point.
3.90	Draw, 90 ft. below cor., drains E.; ascend.
6.40	Spur, 45 ft. above draw, projects E.; descend.
12.80	Draw, 150 ft. below spur, drains E.; ascend.
20.70	Spur, 125 ft. above draw, projects E.; descend.
26.60	Draw, 75 ft. below spur, drains E.; ascend.
32.00	Spur, 40 ft. above draw, projects E.; descend.
36.80	Draw, 105 ft. below spur, drains E.; ascend.
39.80	Old wood road, bears E. and W.
40.00	On low point.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in

Chains	
	the ground for ¼ sec. cor. E. bdy. sec. 16, with brass cap marked
	¼ S16 | 1920
	from which
	A cedar, 5 ins.diam.,bears S.65°W., 81 lks. dist.,marked ¼ S 16 B T
	No other trees available.
	Raise a mound of stone, 2 ft.base, 1½ ft.high,W. of cor.
41.60	Wash, in draw from the NW., drains SE.; ascend.
41.81½	Subsequently. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. W. bdy. sec. 15, with brass cap marked
	| ¼ S15 1920
	Raise a mound of stone, 2 ft.base, 1½ ft.high, E.of cor.
46.30	Spur, 95 ft. above wash, projects E.; descend.
60.30	Draw, 85 ft. below spur, drains E.; ascend abruptly.
63.50	Spur, 85 ft. above draw, projects E.; descend.
69.00	Draw, 35 ft. below spur, drains E.; ascend.
71.30	Spur, 40 ft. above draw, projects E.; descend 25 ft. to
73.40	Draw, drains SE.; ascend.
80.00	On S. slope near top of spur.
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.in the ground for cor. of secs. 9 and 16, with brass cap marked
	T12S | R1W S9 / S16 | S15 1920
	Raise a mound of stone, 2 ft. base, 1½ ft.high, W.of cor.
	No suitable trees available.
	Land, mountainous; E. exposure and drainage.
	Soil, shallow sandy loam and rocky of limestone and volcanic formation.
	Timber, a few scattering scrub cedar.

Chains	
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing land.

	N.89°55'W., on a random line bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
77.83	Intersect N. and S. line 5 lks. N. of the cor. of secs. 9 and 16.
	Thence
	S.89°57'E., on true line bet. secs. 9 and 16.
	Over rough mountainous land through very scattering scrub cedar timber and undergrowth of sagebrush. Ascend.
.10	Wire fence, bears N. and S.
9.40	Top of ridge divide bet. Juab and Dog Valleys, 135 ft. above sec. cor., bears N. and S.; descend precipitous E. slope.
35.70	Head of draw, 540 ft. below ridge, drains N.40°E.; thence along N. slope.
37.83	On N. slope.
	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 ¼ sec. cor., with brass cap marked
	¼ S9/S16 1920
	Raise a mound of stone, 2 ft.base, 1½ ft.high, N.of cor.
	No suitable bearing trees available.
40.40	Low ridge, bears NE. and SW.; descend.
69.70	Ravine, 415 ft. below ridge, drains SE.; thence along general S. slope to
77.83	The cor. of secs. 9 and 16.
	Land, rough mountainous; general E. and W. exposure and drainage from divide at 9.40 chs.
	Soil, shallow brown sandy loam and rocky of quartz and volcanic formation.
	Timber, a few scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing.

Chains	
	From the cor. of secs. 9 and 16.
	North, bet. secs. 9 and 10
	Over mountainous land through very scattering scrub cedar timber and undergrowth of sagebrush and juniper.
1.00	Spur, 5 ft. above cor., projects E.; descend.
1.74	The cor. of secs. 10 and 15 subsequently set at this point.
10.00	Draw, 105 ft. below spur, drains E.; ascend.
24.20	Spur, 195 ft. above draw, projects E.; descend.
33.75	Draw, 210 ft. below spur, drains E. about 2 chs., thence N.; thence along general E. slope.
40.00	On steep E. slope about 50 lks. W. of bottom of draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a large mound of stone for ¼ sec. cor. E. bdy. sec. 9, with brass cap marked
	¼ S9 | 1920
	No suitable bearing trees available.
41.57½	Subsequently. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. W. bdy. sec. 10, with brass cap marked
	| ¼ S10 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	No suitable bearing trees available.
	Cor. stands on low point of spur, projects E.; descend.
48.20	Draw, 30 ft. below ¼ sec. cor. sec. 10, drains E.; ascend abruptly.
60.10	Ridge, 265 ft. above draw, bears E. and W.; descend abruptly N. slope.
69.65	Ravine, 155 ft. below ridge, drains E.; ascend abruptly.
80.00	On steep S. slope, 215 ft. above ravine.
	Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 20 ins. in a large mound of stone for cor. of secs. 4 and 9, with brass cap mkd.

Chains	
	T12S | R1W S4 | S9 | S10 1920
	No suitable bearing trees available.
	Land, rough mountains; general E. exposure and drainage.
	Soil, shallow brown loam and rocky; limestone and quartz formation.
	Timber, a few scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Poor grazing land.

	N.89°57'W., on a random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.53	Intersect N. and S. line 2 lks. N. of the cor. of secs. 4 and 9.
	Thence
	S.89°58'E., on true line bet. secs. 4 and 9.
	Over mountainous land through dense sagebrush undergrowth. Gradually ascend across ridge divide bet. Juab and Dog Valleys, bears N. and S.
21.50	Top of high point on E. side of divide, bears NW. and SW.; descend abruptly E. slope, along wide ridge descending rapidly to the E.
40.53	In low saddle, 400 ft. below divide.
	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and in a large mound of stone for ¼ sec. cor., with brass cap marked
	¼ S4/S9 1920
	Continue along slope of ridge.
51.20	Ridge, about level with ¼ sec. cor., bears NW. and SE.; descend abruptly.
75.70	Ravine, 350 ft. below ridge, drains SE.; ascend abruptly 100 ft. to
80.53	The cor. of secs. 4 and 9.

Chains	
	Land, rough mountainous; E. and W. exposure from high ridge divide bet. Juab and Dog Valleys.
	Soil, shallow brown sandy loam and rocky, volcanic and granite formation.
	Timber, very scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Poor grazing.

	From the cor. of secs. 4 and 9.
	North, bet. secs. 3 and 4.
	Over rough mountainous land through very scattering scrub cedar timber and undergrowth of sagebrush. Ascend.
1.41	The cor. of secs.3 and 10 subsequently set at this point.
6.85	Ridge, 60 ft. above sec. cor., bears E. and W.; descend.
21.50	Draw, 240 ft. below ridge, drains E.; ascend.
26.90	Spur, 110 ft. above draw, projects E.; descend.
36.50	Draw, 90 ft. below spur, drains SE.; ascend SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. E. bdy. sec. 4, with brass cap marked ¼ S 4 | 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. High, W. of cor.
40.53	Subsequently at this point which is proportional to the record distance of the E. bdy. of sec. 3.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. W. bdy. sec. 3, with brass cap marked | ¼ S3 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
47.90	Ridge, 60 ft. above draw, bears E. and W.; descend.
58.70	Draw, 205 ft. below ridge, drains E.; ascend.
63.60	Spur, 110 ft. above draw, projects E.; descend abruptly.
69.70	Draw, 120 ft. below spur, drains E.; old wood road in draw, bears E. and W.; ascend.

Chains	
72.10	The cor. of secs. 4 and 33, N. bdy. T.12 S.,R.1 W. subsequently set at this point.
79.50	Spur, 50 ft. above draw, projects E.
79.70	Intersect N. bdy. of T.12 S.,R.1 W., 5.53 chs.N.88°55'E. of the SW. cor. of sec. 34, T.11 S.,R.1 W. heretofore described. At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for NW. cor. of sec. 3, T.12 S.,R.1 W., with brass cap marked
	T11S R1W S34 S3 T12S 1920
	Raise a mound of stone, 2 ft.base,1½ ft.high,SE.of cor.
	Land, mountains; general E. exposure and drainage.
	Soil, shallow brown sandy loam and rocky of limestone and quartz formation.
	Timber, scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing.

	From the ¼ sec. cor. bet. secs. 15 and 22.
	West, on true line bet. secs. 15 and 22.
	Over rough mountainous land through scattering scrub cedar timber and dense sagebrush undergrowth. Ascend S. and E. slopes of ridge.
21.30	Ridge, 310 ft. above ¼ sec. cor., bears NE. and SW.; descend abruptly.
24.80	Draw, 115 ft. below ridge, drains NE.; ascend abruptly.
33.90	Ridge, 235 ft. above draw, bears N. and S.; descend.
37.60	Draw, 85 ft. below ridge, drains N.; ascend 35 ft. to
39.60	Intersect N. and S. line, 1.89 chs. N. of the cor. of secs.16 and 21. At point of intersection,
	Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in

Chains	
	the ground on solid rock and in a large mound of stone for cor. of secs. 15 and 22, with brass cap marked
	T12S | R1W S16 | S15 S22
	1920
	No suitable bearing trees available.
	Land, E.½ mile rolling foothills, W.½ mile rough mountains; general E. exposure and drainage.
	Soil, brown sandy loam and rocky; limestone and quartz formation.
	Timber, scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing on E.½ mile.

	From the ¼ sec. cor. bet. secs. 10 and 15.
	West, on true line bet. secs. 10 and 15.
	Over mountainous land through very scattering scrub cedar timber and undergrowth of sagebrush. Ascend along S. and SE. slopes of spur.
15.80	Head of draw, 80 ft. above ¼ sec. cor.; drains SE.; ascend E. slope.
21.85	Ridge, 155 ft. above draw, bears NE. and SW.; thence along N. slope.
26.10	Head of draw, drains N.; ascend.
30.50	Point of ridge spur, bears N. and S.; thence along N. slope of top of spur.
40.31	Intersect N. and S. line 1.74 chs. N. of the cor. of secs. 9 and 16. At point of intersection,
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 10 and 15, with brass cap marked
	T12S | R1W S9 | S10 S15
	1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	No suitable bearing trees available.

Subdivision of T.12 S., R.1 W.

Chains	
	Land, eastern portion of mile rolling foothills; remainder of mile mountainous; general E. exposure and drainage.
	Soil, brown sandy loam and rocky; quartz and volcanic for-mation.
	Timber, very scattering scrub cedar on W. ½ mile.
	Undergrowth, dense sagebrush and scattering juniper.
	Fair grazing.
	From the ¼ sec. cor. bet. secs. 3 and 10.
	West, on true line bet. secs. 3 and 10.
	Over mountainous land through scattering scrub cedar timber and undergrowth of sagebrush. Ascend.
22.80	Spur, 250 ft. above ¼ sec. cor., projects SW.; descend.
25.30	Head of draw, 20 ft. below spur, drains SE.; ascend.
36.70	Spur, 175 ft. above draw, projects SE.; descend.
37.49	Intersect N. and S. line 1.41 chs. N. of the cor. of secs. 4 and 9. At point of intersection,
	Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and in a mound of stone for cor. of secs. 3 and 10, with brass cap marked
	T12S | R1W S4 | S3 S10 1920
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	No suitable bearing trees available.
	Land, mountainous with the exception of small part of eastern portion of mile. General E. exposure and drainage.
	Soil, shallow brown loam and rocky of volcanic and quartz formation.
	Timber, scattering scrub cedar.
	Undergrowth, dense sagebrush and scattering juniper.
	Poor grazing land.
Note:	Posts set in ground less than the required distance, and on solid rock were surrounded by an exceptionally large mound of stone; therefore no marked stone was deposited at base of posts.

Boundaries of T.12 S.,R.1 W.

Chains

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Lines Designated	True bearings	Dist-ances.	Latitudes N	Latitudes S	Departures E	Departures W
			chs	chs	chs	chs
W.bdy.sec.33	N.11°24'W.	40.15	39.36	.....	.....	7.94
"	N.7°16'E.	40.09	39.77	.....	5.07	.....
E.bdy.sec.29	N.1°15'W.	79.58	79.56	.....	.....	1.74
E.bdy.sec.20	N.2°36'W.	40.56	40.52	.....	.....	1.84
"	N.1°35'W.	39.85	39.83	.....	.....	1.10
E.bdy.sec.17	N.0°19'W.	40.32	40.32	.....	.....	.22
"	N0° 39'W.	40.16	40.16	.....	.....	.46
E.bdy.sec.8	N.1°47'W.	79.90	79.86	.....	.....	2.49
E.bdy.sec.5	N.1°13'W.	40.25	40.24	.....	.....	.85
"	N.0°43'W.	40.28	40.28	.....	.....	.50
N.bdy.sec.4	East	81.64	.....	.....	81.64	.....
W.bdy.sec.3	North	7.60	7.60	.....	.....	.....
N.bdy.sec.3	N.88°55'E.	35.31	.68	.....	35.30	.....
"	N.89°07'E.	40.37	.62	.....	40.32	.....
E.bdy.sec.3	S.1°15'E.	79.56	.....	79.54	1.74	.....
E.bdyEsec.10	S.2°03'E.	79.56	.....	79.51	2.85	.....
E.bdy.sec.15	S.0°10'W.	39.75	.....	39.75	.....	.12
"	S.1°05'W.	40.11	.....	40.10	.....	.76
E.bdy.sec.22	S.0°30'W.	40.20	.....	40.20	.....	.35
"	S.1°21'E.	40.25	.....	40.24	.95	.....
E.bdy.sec.27	S.1°45'E.	39.17	.....	39.15	1.20	.....
"	S.1°13'E.	40.44	.....	40.43	.86	.....
E.bdy.sec.34	S.2°17'E.	41.60	.....	41.57	1.66	.....
"	S.2°00'E	40.28	.....	40.26	1.41	.....
S.bdy.T12SR1W	S.88°07'W.	40.12	.....	1.32	.....	40.10
"	S.89°40'W.	40.05	.....	.23	.....	40.05
"	S.85°24'W.	74.32	.....	5.96	.....	74.08
Convergency			.....	.....	.20	.....
Totals			488.80	488.26	173.25	172.60
Error in latitude			488.26 .54		172.60 .65	
Error in departure						

General Description.

With the exception of small strips of rolling valley in the eastern parts of secs. 10,15,22,27 and 34, this fractional township is rough and mountainous and is situated on a low range of mountains which forms the divide and water shed for drainage east into Juab and west into Dog Valley. The summit of this range which bears in a northerly and southerly direction enters the township in sec. 33 and leaves it in sec. 4. From the divide

General Description.

numerous spurs with steep slopes project in easterly and westerly directions. Dividing these spurs are deep, rocky draws which head at the divide and drain E. and W. into the valleys.

The soil of the mountains is generally a shallow, brown sandy loam and very rocky, the surface being strewn with great quantities of trachyte, blue limestone, granite and quartz rock; that of the valley is of the same formation but contains less rock.

A scrub growth of cedar timber is found on the slopes of the mountains, the township in general is covered with a dense growth of sagebrush and scattering juniper undergrowth. The soil supports a fair growth of grass suitable for grazing of sheep and cattle during the early spring and winter months.

There is no water in the township.

There are no settlers in the township.

We do not find any indications of mineral in the township.

The land in this township is best adapted for grazing of sheep and cattle, and, while some of the valley land is nearly level the soil contains so much rock that it would be impracticable to farm it.

Jos. C. Thoma
Howard W. Miller

U.S. Cadastral Engineers.

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CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ CADASTRAL ENGINE

Jos. C. Thoma and Howard W. Miller, Cadastral Engineers, 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 16th day of January, 1919, we have well, faithfully, and truly 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 south and north boundaries and subdivision and survey of the north boundary and subdivision of T.12 S.,R.1 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes and date diagram 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.

Salt Lake City, Utah, May 4, 1921

Jos. C. Thoma
Howard W. Miller
U.S. Cadastral Engineers

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

December 28, 1922

The foregoing field notes of the resurvey of the North and south boundaries and subdivision and survey of the north boundary and subdivision of Tp. 12 S. R. 1 W. of the Salt Lake Base and Meridian,

executed by Joseph C. Thoma and Howard W. Miller, U.S.Cadastral Engineers under special instructions dated January 16, 1919, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

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

U. S. Surveyor General.

6—2764

BOOK A-454

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Melvin H. Lewis	1st. chainman
Robert C. Yundt	1st. chainman
Emery Plummer	2nd. chainman
Merlin Bryson	2nd. chainman
Reed Lovell	2nd. chainman
Morrell Mathews	Flagman
William Stone	Coherman

(63)

4—679

MAR 3 1932
SALT LAKE CITY

BOOK A-454

E

FIELD NOTES

OF ~~THE SURVEY OF~~ THE

RESURVEY OF THE WEST BOUNDARY; TWO MILES OF THE SOUTH BOUNDARY; THREE MILES OF THE SECOND STANDARD PARALLEL SOUTH, FORMING THE NORTH BOUNDARY; RESURVEY OF A PORTION, AND THE SURVEY OF A PORTION OF THE SUBDIVISION OF T. 11 S., R. 1 W.

Of the Salt Lake Base and *Meridian,*

In the State of Utah.

EXECUTED BY

Jos. C. Thoma,

U. S. Cadastral Engineer.

~~*In the capacity of U. S. Surveyor*~~, *under Special Instructions dated* January 16, *191*9, *issued by the United States Surveyor General to govern surveys included in Group No.* 75, *which were approved by the Commissioner of the General Land Office,* February 6, *191*9, *and Assignment Instructions dated* June 20, 1921. ~~*191*~~

Survey commenced July 1, 1921., ~~*191*~~

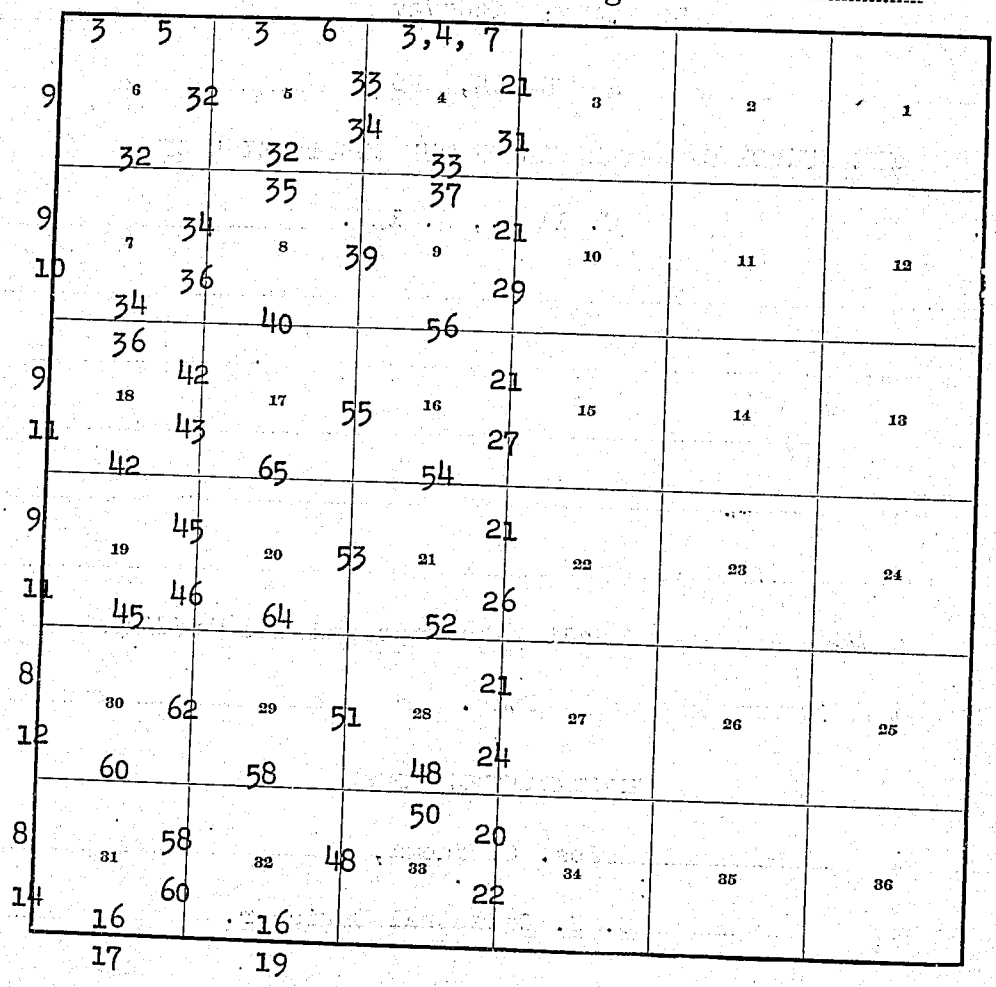
Survey completed August 10, 1921., ~~*191*~~

6—151

BOOK A-454

INDEX DIAGRAM.

Township 11 South, *Range* 1 West.



BOOK A-454

4—679 b

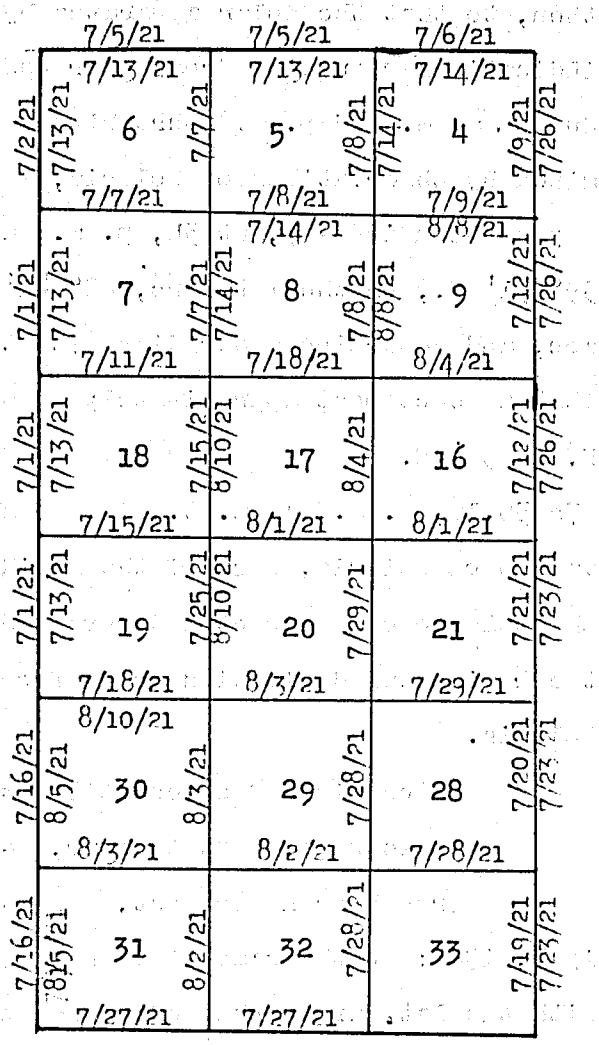
INDEX DIAGRAM.

Township 11 S, Range 1 W

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

6—4817

DATE DIAGRAM.



Survey commenced July 1, 1921, and executed with Buff & Buff light mountain transit No. 9218; the instrument is equipped with a full vertical circle and the Smith solar attachment; all azimuth determinations are accomplished with the solar attachment except the special observations on Polaris upon which to test the solar apparatus as stated in the field notes.

On account of cloudy and hazy weather, it was impracticable to test the solar apparatus or make satisfactory observations on Polaris until

July 6, 1921; at my camp, which is located near the centre of Sec. 18, T. 11 S., R. 1 W., in approximate

Chains,

latitude, 39° 51' N., longitude 112° 01' W., I examine the adjustments of the instrument and find them correct, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a. m. and p. m. hours with a meridian determined by observations on Polaris, I proceed as follows:

At my station in camp, at 3h, p. m., app. t., I set off 39° 51' N., on the lat. arc, 22° 41' 30" N. on the decl. arc, and determine a meridian with the solar and note that a fence post approximately 1½ miles distant bears N. 1° 58' E.

At 7h 38.1m, p. m., l. m. t., I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the post, west to Polaris.

Watch time of observation = 8h 08m 25s
Angle west, post to star, = 1° 33'
True bearing to post, = N. 1° 58' E.

July 7, 1921: At the same station at 9 a. m., app. t., with the lat. arc unchanged, I set off 22° 37' N. on the decl. arc, and determine a meridian with the solar and note the post bears N. 1° 58' E.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb:

Mean observed altitude, = 72° 45' 25"
Reduced latitude, . . = 39° 51' 08"
Mean watch time of observation, = 12h 34m 55s
Watch fast of local mean time, = 0h 30m 18s

Final test of Instrument.

At the completion of the survey I make final test of the solar apparatus by comparing its indications resulting from solar observations made during a. m. and p. m. hours with the same Polaris meridian as determined for my preliminary tests.

August 10, 1921: At 8h, a. m., app. t., I set off 39° 51' N. on the lat. arc; 15° 38' N. on the decl. arc, and note the fence post bears N. 1° 58' E.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian with the solar attachment, the resulting decl. is 15° 34' N.

At 3h, p. m., app. t., with the lat. arc unchanged, I set off 15° 32' N. on the decl. arc, and determine a meridian with the solar and note the fence post bears N. 1° 59' W., which is 1' off the true bearing.

The instrument was frequently tested during the progress of the survey by comparing its indications with the Polaris meridian, the results of which showed no error greater than 1' of arc.

Unless otherwise specified all measurements are made with a Lallie steel tape 5 chs. in length compared with a 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.

From the cor. of Tps. 10 and 11 S., Rgs. 1 and 2 W., which is

A trachyte, 16x16x12 ins. above ground, firmly set; mkd. with 6 grooves on the N., S., E. and W. faces, no accessories; along side of which

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap mkd.

Chains.	
	SC T 10 S R 2 W | R 1 W S 36 | S 31 S 1 | S 6 T 11 S
	1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. East, on retracement line along the Second Standard Parallel South, bet. secs. 6 and 31,
40.00	Record dist. After diligent search, find no evidence of the std. ¼ sec. cor.
80.00	Record dist. After diligent search, find no evidence of the std. cor. of secs. 5, 6, 31 and 32. Leave temp. point.
	Continue same line with continuous measurement bet. secs. 5 and 32.
123.25	Fall 237 lks. N. of the std. ¼ sec. cor. bet. secs. 5 and 32, which is
	A trachyte, 12x10x5 ins. above ground, firmly set; mkd. SC ¼ on the N. face, no accessories.
	The course of this line therefore is S. 88° 54' E., and the proportional dist. for each half mile is 41.08 chs.
	Continue same line with continuous measurement.
163.45	Fall 110 lks. N. of the cor. of secs. 4, 5, 32 and 33, herein after described.
	The course of this half mile therefore is N. 88° 11' E., and the dist. is 40.22 chs.
	East, on retracement line along the Second Std. Parallel South, bet. secs. 4 and 33.
40.18	Fall 123 lks. S. of the st. ¼ sec. cor., hereinafter described.
	The course of this line therefore is N. 88° 15' E., and the dist. is 40.20 chs.
	Continue same line with continuous measurement.
80.16	Fall 245 lks. S. of the std. cor. of secs. 3, 4, 33 and 34, hereinafter described.

Chains.

The course of this line therefore is N. 88° 15' E., and the dist. is 40.00 chs.

From the std. cor. of Tps. 10 and 11 S., Rgs. 1 and 2 W., heretofore described.

S. 88° 54' E., on resurvey line along the Second Std. Parallel S., bet. secs. 6 and 31.

Desc. gradually over nearly level land, through sagebrush and greasewood undergrowth.

6.20 Road, Goshen to Hancock Bros. Ranch, bears NE. and SW.

19.60 Wash, 50 lks. wide, 15 ft. deep, drains NE.; asc. gradually.

21.10 Old road, bears NW. and SE.

22.90 Irrigation canal, 10 lks. wide, 4 ft. deep, course NW.

28.70 Ravine, drains NE.; continue gradual asc.

31.20 Wash, 1 ch. wide, 15 ft. deep, drains NE.; continue asc.

41.09 Proportional measurement. Point for std. ¼ sec. cor.

58.20 Wash, 50 lks. wide, 15 ft. deep, drains NE.; continue gradual asc.

60.50 Wash, 50 lks. wide, 15 ft. deep, drains N.; continue asc.

82.18 Proportional measurement. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the restored std. cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

S. C
T 10 S R 1 W
S31 | S 32
S 6 | S 5
T 11 S
1921

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

Land, gently rolling.

Soil, light sandy loam, 2 to 4 ft. deep, on light clay subsoil.

Timber, none.

Undergrowth, dense sagebrush and greasewood.

General northern exposure. Good grazing.

Chains.	
	S. 88° 54' E., on resurvey line along the Second Std. Parallel S., bet. secs. 5 and 32.
	Over nearly level land, through dense greasewood under-growth.
2.20	Ditch, 5 lks. wide, 7 ft. deep, drains N.
19.50	Road, bears N. and S.
41.09	Proportional measurment. The std. ¼ sec. cor., which is
	A trachyte, 12x10x5 ins. above ground, firmly set; mkd. ¼ on the N. face; along side of which
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd.
	S C ¼ S 5 S 32
	1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	N. 88° 11' E., with continuous measurement.
52.15	Wash, 20 lks. wide, 6 ft. deep, drains NE.
60.00	Wire fence at corner, bears N. and E., thence along E. and W. fence.
80.70	Wire fence at corner bears N., forming west line of N. and S. lane.
81.31	The std. cor. of secs. 4, 5, 32 and 33, which is
	A trachyte, 14x12x6 ins. above ground, firmly set; mkd. with 2 notches on W., 4 notches on E. and SC? on N. face; along side of which
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	S C T 10 S R 1 W S 32 | S 33 S 5 | S 4 T 11 S
	1921
	Corner established in centre of N. and S. lane, build mound of stone around cor.
	Land, nearly level.
	Soil, light sandy loam, 2 to 4 ft. deep.

Chains.	
	Timber, none.
	Undergrowth, dense greasewood.
	General northern exposure. Good grazing.

	N. 88° 15' E., on resurvey line along the Second Std. Par. South, bet. secs. 4 and 33.
	Over nearly level land, through dense greasewood undergrowth.
.60	Wash, 30 lks. wide, 20 ft. deep, drains N., leave greasewood land, enter cultivated land.
19.10	Wash, 30 lks. wide, 20 ft. deep, drains N.; continue in cultivated land.
40.20	The std. ¼ sec. cor., which is
	A trachyte, 12x12x4 ins. above ground, firmly set; mkd. SC ¼ on N. face; along side of which
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd.
	S C ¼ S 33 S 4 1921
	Cor. established in cultivated land, I build no accessories.
	Continue same line with continuous measurement.
41.20	Wash, 20 lks. wide, 10 ft. deep, drains N.
70.00	Wash, 30 lks. wide, 12 ft. deep, drains N., leave cultivated land, bears N. and S., enter sagebrush land; asc. gradually.
80.20	The std. cor. of secs. 3, 4, 33 and 34, which is
	A trachyte, 14x14x8 ins. above ground, firmly set; mkd. with 3 grooves on the E. and W., and SC. on the N. faces, along side of which
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd.

Resurvey of N. bdy. T. 11 S., R. 1 W.
Second Standard Parallel South

Chains.

S C
T 10 S R 1 W
S 33 | S 34
S 4 | S 3
T 11 S

1921

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

Land, nearly level.

Soil, light clay and loam, 2 to 4 ft. deep, on gravel subsoil.

Timber, none.

Undergrowth, grain, in cultivated portion; sagebrush and greasewood on remainder of mile.

General northern exposure.

Retracement and Resurvey of the W. Bdy., T. 11 S., R. 1 W.

From the cor. of T. 11 S., Rgs. 1 and 2 W., hereinafter described.

North, on retracement line bet. secs. 31 and 36.

49.84 Fall 26 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described.

The course of this line therefore is N. 0° 18' E., and the dist. is 49.84 chs.

From the $\frac{1}{4}$ sec. cor.

North, on retracement line.

39.86 Fall 14 lks. W. of the cor. of secs. 25, 30, 31 and 36, now the cor. of secs. 25 and 36 only, hereinafter described.

The course of this line therefore is N. 0° 12' E., and the dist. is 39.86 chs.

From the cor. of secs. 25 and 36,

North, on retracement line bet. secs. 25 and 30.

41.61 Fall 31 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described.

The course of this line therefore is N. 0° 26' E., and the dist. is 41.61 chs.

From the $\frac{1}{4}$ sec. cor.

North, on retracement line.

Chains.	
39.99	Fall 3 lks. E. of the cor. of secs. 19, 24, 25 and 30, hereinafter described.
	The course of this line therefore is N. 0° 03' W., and the dist. is 39.99 chs.

	From the cor. of secs. 19, 24, 25 and 30.
	North, on retracement line bet. secs. 19 and 24.
40.15	Fall 33 lks. W. of the ¼ sec. cor., hereinafter described.
	The course of this line therefore is N. 0° 28' E., and the dist. is 40.15 chs.
	From the ¼ sec. cor.
	North, on retracement line bet. secs. 19 and 24; 13 and 18; 7 and 12, and 1 and 6, making diligent search at intervals of 40 chs. for sec. and ¼ sec. cors., finding none; at
287.49	Fall 159 lks. E. of the std. cor. of Tps. 10 and 11 S., Rgs. 1 and 2 W., hereinafter described.
	The course of this line therefore is N. 0° 19' W., and the proportionate dist. for each mile is 82.14 chs.

	From the std. cor. of Tps. 10 and 11 S., Rgs. 1 and 2 W.
	S. 0° 19' E., on resurvey line bet. secs. 1 and 6.
	Over nearly level land, through dense sagebrush and greasewood undergrowth.
.40	Old road, bears E. and W.
5.90	Old road, bears NE. and SW.
13.00	Road, Goshen to Hancock Bros.' Ranch, bears NE. and SW.
27.90	Wash, 40 lks. wide, 20 ft. deep, drains NE.; asc.
41.07	Point for ¼ sec. cor.
43.30	Wash, 70 lks. wide, 30 ft. deep, drains NE.
61.60	Wash, 40 lks. wide, 20 ft. deep, drains NE.
79.70	Wash, 50 lks. wide, 20 ft. deep, drains NE.
82.14	Proportional measurement. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the restored cor. of secs. 1, 6, 7 and 12, with brass cap mkd.

Chains.

T 11 S

R 2 W	R 1 W
S 1	S 6
S 12	S 7

1921

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

Land, nearly level.

Soil, light sandy loam, 2 to 4 ft. deep, on gravel subsoil.

Timber, none.

Undergrowth, dense sagebrush and greasewood.

General northern exposure. Good grazing.

S. 0° 19' E., on resurvey line bet. secs. 7 and 12.

Asc. gradually over nearly level land, through dense sagebrush and greasewood undergrowth.

11.60 Old road bears NE. and SW.

37.70 Kimble Creek, dry, 60 lks. wide, 20 ft. deep, course NE.; continue asc.

40.70 Fence at cor., bears E., W. and S., thence along N. and S. fence.

41.07 Proportional point for ¼ sec. cor.

79.20 Wash, 50 lks. wide, 7 ft. deep, drains NE.; continue asc.

82.14 Proportional measurement. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the restored cor. of secs. 7, 12, 13 and 18, with brass cap mkd.

T 11 S

R 2 W	R 1 W
S 12	S 7
S 13	S 18

1921

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

Land, nearly level.

Soil, light sandy loam, 2 to 4 ft. deep, on gravel subsoil.

Timber, none.

Undergrowth, dense sagebrush and greasewood.

General northern exposure.

Chains.	
	S. 0° 19' E., on resurvey line bet. secs. 13 and 18.
	Asc. gradually over nearly level land, through dense sagebrush and greasewood undergrowth.
41.07	Proportional measurement. Point for ¼ sec. cor.
41.30	Woven wire fence bears E. and W.
42.40	Road, bears E. and W.
67.00	Old road, bears NW. and SE.
68.50	Wash, 30 lks. wide, 10 lks. deep, drains NW.; continue asc.
82.14	Proportional measurement. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the restored cor. of secs. 13, 18, 19 and 24, with brass cap mkd.

T 11 S

R 2 W	R 1 W
S 13	S 18
S 24	S 19

1921

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

Land, rolling.

Soil, light sandy loam 2 to 4 ft. deep, on gravel subsoil.

Timber, none.

Undergrowth, dense sagebrush and greasewood.

General northern exposure.

S. 0° 19' E., on resurvey line bet. secs. 19 and 24.

Asc. over nearly level land, through dense sagebrush and greasewood undergrowth.

41.07 Proportional measurement. The ¼ sec. cor. for secs. 19 and 24, which is

A trachyte, 16x12x12 ins. above ground, firmly set; mkd. ¼ on the W. face; along side of which

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on solid rock, in large mound of stone; with brass cap mkd.

¼

S 24 | S 19

1921

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Cor. established under E. and W. barbed wire fence.
	From the ¼ sec. cor.
	S. 0° 28' W., on resurvey line with continuous measurement.
68.70	Old road, bears NE. and SW.; enter scattering scrub cedar and pinon timber.
69.00	Cottonwood Canyon drains N.W.
79.90	Head of draw, drains NW.; continue gradual asc.
81.22	The cor. of secs. 19, 24, 25 and 30, which is
	A trachyte, 16x12x8 ins. above ground, firmly set; mkd. with 2 notches on the S. and 4 notches on the N. edges.
	Along side of which
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd.

T 11 S

R 2 W	R 1 W
S 19	S 24
S 30	S 25

1921

	Raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor.
	No trees within limits suitable for bearing trees.
	Land, gently rolling.
	Soil, light sandy loam, 2 to 4 ft. deep, on gravel subsoil.
	Timber, scattering scrub cedar and pinon on the extreme southern portion.
	Undergrowth, dense sagebrush and greasewood.
	General northern exposure.

	S. 0° 03' E., on resurvey line bet. secs. 25 and 30.
	Desc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
8.70	Ravine, drains NW., 60 ft. below spur; and cor.; asc.
31.40	Spur, projects NW., 250 ft. above ravine; desc.
39.99	The ¼ sec. cor., which is
	A trachyte, 16x12x6 ins. above ground, firmly set; mkd. ¼ on the W. face; along side of which

Chains.	
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 25, with brass cap mkd.
	¼ | S 25 | 1921
	From which
	A cedar, 6 ins. diam., bears N. 25° 30' W., 48 lks. dist., mkd. ¼ S25 BT.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No other trees within limits suitable for bearing trees.
	From the ¼ sec. cor. sec. 25, with continuous measurement.
	S. 0° 26' W. Desc. abruptly.
42.30	Rocky ravine, drains W., 80 ft. below ¼ sec. cor.; asc. abruptly.
47.28	A northing of 40 chs. from the cor. of secs. 30 and 31.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor. for sec. 30, with brass cap mkd.
	¼ | S 30 | 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	No trees within limits suitable for bearing trees.
48.50	Spur, projects NW., 240 ft. above ravine; desc. gradually.
59.80	Ravine, drains NW., 100 ft. below spur; asc.
65.10	Spur, projects NW., 200 ft. above ravine; decs.
71.70	Ravine, drains NW., 60 ft. below spur; asc.
81.60	The cor. of secs. 25 and 36, which is
	A trachyte, 12x16x12 ins. above ground, firmly set; mkd. with 1 notch on the S. and 5 notches on the N. edges; along side of which
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 25 and 36, with brass cap mkd.
	1921

Chains

T 11 S
S 25 | S 30
S 36
R 2 W
1921

From which

A cedar, 4 ins. diam., bears S. 52° W.,

26 lks. dist., mkd. T 11 S.R 2 W S 36 BT.

A cedar, 4 ins. diam., bears N. 44° W.,

19 lks. dist., mkd. T11S R2W S25 BT.

I destroy the old bearing trees in Sec. 30.

Land, mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush.

Northwestern exposure. Limestone and granite formation.

Good grazing.

From the cor. of secs. 25 and 36.

S. 0° 12' W., on resurvey line along the E. bdy. of sec. 36.

Asc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.

1.50 Spur, projects W., 30 ft. above sec. cor.; desc. gradually.

5.68 Point for the cor. of secs. 30 and 31; for description see notes of line bet. secs. 30 and 31, this book.

11.40 Ravine, drains W., 30 ft. below spur; asc.

27.20 Ridge, bears NE. and SW., 500 ft. above ravine; desc.

36.80 Ravine, drains E., 60 ft. below ridge; asc.

39.86 The ¼ sec. cor. for sec. 31 and 36, which is

A trachyte, 12x16x10 ins. above ground, firmly set; mkd. ¼ on the W. face; along side of which

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd. for ¼ sec.cor. for Sec. 36, only.

¼
S 36
1921

Chains.	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
	From the ¼ sec. cor. with continuous measurement.
	S. 0° 18' W., on resurvey line.
45.68	A southing of 40 chs. from the cor. of secs. 30 and 31.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 31, with brass cap mkd.
	¼ 6 | S 31 | 1921
	From which
	A cedar, 12 ins. diam., bears N. 81° 15' E., 166 lks. dist., mkd. ¼ S31 BT.
	A cedar, 24 ins. diam., bears S. 55° 30' E., 752 lks. dist., mkd. ¼ S31 BT.
46.00	Spur, projects E., 30 ft. above ¼ sec. cor.; desc.
62.50	Ravine, drains SW., 250 ft. below spur; asc.
86.50	Ridge, bears NE. and SW., 260 ft. above ravine. This ridge is the divide bet. Goshen and Dog Valleys; desc.
89.70	The closing cor. of Tps. 11 S., Rgs. 1 and 2 W. which is
	A trachyte, 12x12x12 ins. above ground, firmly set; mkd. with 6 grooves on the N. and W. faces, and CC on the N. face, with mound of stone N. of cor. Along side of which,
	Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd.
	T 11 S R 2 W CC R 1 W CC S 36 | S 31 S 1 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No trees within limits suitable for bearing trees.
	Land, mountainous.

Chains.	
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush.
	Northwestern exposure in the northern portion; southeastern exposure in the southern portion.
	Quartzite and limestone formation. Good grazing.

	From the closing cor. of T. 11 S., Rgs. 1 and 2 W.
	N. 89° 21' E., on retracement line along the S. bdy. of Sec. 31.
13.72	The cor. of T. 12 S., Rgs. 1 and 2 W., hereinafter described.
	The course of this line therefore is N. 89° 21' E., and the dist. is 13.72 chs.

	From the cor. of T. 12 S., Rgs. 1 and 2 W.
	East, on retracement line along the S. bdy. of the twp. bet. secs. 6 and 31.
39.34	Fall 128 lks. S. of the ¼ sec. cor., hereinafter described.
	The course of this line therefore is N. 88° 08' E., and the dist. is 39.36 chs.
	From the ¼ sec. cor.
	East, on retracement line.
39.58	Fall 85 lks. S. of the cor. of secs. 5, 6, 31 and 32, subsequently the cor. of secs. 5 and 6, only, hereinafter described.
	The course of this line therefore is N. 88° 46' E., and the dist. is 39.59 chs.

	From the cor. of secs. 5 and 6,
	East, on retracement line along the N. bdy. of sec. 5.
39.66	Fall 108 lks. S. of the ¼ sec. cor., hereinafter described.
	The course of this line therefore is N. 88° 26' E., and the dist. is 39.67 chs.
	From the ¼ sec. cor.

Chains.	
	East, on retracement line.
39.91	Fall 105 lks. S. of the cor. of secs. 4 and 5, hereinafter described.
	The course of this line therefore is N. 88° 30' E., and the dist. is 39.92 chs.

	From the closing cor. for T. 11 S., Rgs. 1 and 2 W.; heretofore described.
	N. 89° 21' E., on resurvey line along the S. bdy. of sec. 31.
	Desc. over mountainous land, through scattering scrub cedar cedar and pinon timber, dense sagebrush undergrowth.
13.72	The cor. of T. 12 S., Rgs. 1 and 2 W., which is
	A trachyte, 28x16x16 ins. firmly set in mound of stone; mkd. as described by the surveyor general.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	Thence
	N. 88° 08' E., with continuous measurement.
14.50	Wire fence, bears N. and S.
22.00	Ravine, drains SE., 130 ft. below closing cor.; asc.
25.20	Spur, projects SE., 30 ft. above ravine; desc.
27.50	Ravine, drains SE., 30 ft. below spur; asc.
35.00	Top of asc., bears NW. and SE., desc.
48.34	A point 40 chs. W. of the cor. of secs. 31 and 32.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 31, with brass cap mkd.
	¼ S 31 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No trees within limits suitable for bearing trees.
53.08	The ¼ sec. cor. for sec. 6, which is
	A trachyte, 12x16x6 ins. set in mound of stone; mkd. ¼ on N. face. Along side of which
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in

Chains.

the ground, for Sec. 6, with brass cap mkd.

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

1921

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

No trees within limits suitable for bearing trees.

Leave scattering scrub cedar timber; enter open sagebrush flat, bears N. and S. Thence N. 88° 46' E with continuous measurement.

72.40 Dog Valley-Cottonwood Canon road, bears N. and S.; start asc. in bottom of canyon.

78.80 Start abrupt asc, bears N. and S.

88.00 Spur, projects SW., 230 ft. above road; desc.

88.35 A westing of 80 chs. from the cor. of secs. 32 and 33.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 31 and 32, with brass cap mkd.

T 11 S R 1 W

S 31 | S 32

T 12 S R 1 W

S 6

1921

Deposit a trachyte, 8x6x4 ins., mkd. X on one face, at base of post.

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

92.67 The cor. of secs. 5 and 6, which is

A trachyte, 16x12x8 ins. above ground, firmly set; mkd. with 5 notches on the E. and 1 notch on the W. edges; along side of which

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd.

T 11 S R 1 W

S 32

T 12 S | R 1 W

S 6 | S 5

1921

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

Chains.	
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky, on hard-pan subsoil.
	Timber, scattering scrub cedar and pinon in western portion.
	Undergrowth, dense sagebrush and grass.
	General southern exposure and drainage.
	Limestone and quartzite formation. Good grazing.

	N. 88° 26' E., on resurvey line along the N. bdy. sec. 5.
	Asc. over rolling land, through dense sagebrush and grass undergrowth.
5.30	Ridge, bears N. and S., 50 ft. above sec. cor.; desc.
11.20	Ravine, drains S., 130 ft. below ridge; asc.
35.69	A westing of 40 chs. from the cor. of secs. 32 and 33.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 32; with brass cap mkd.
	¼ S 32
	1921
	At base of post, deposit a trachyte, 14x10x6 ins., mkd. X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
39.67	The ¼ sec. cor. for sec. 5, which is
	A trachyte, 16x10x8 ins., firmly set in mound of stone, mkd. ¼ on the N. face; along side of which
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd. for ¼ sec. cor. to Sec. 5
	¼ S 5
	1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	From the ¼ sec. cor. for sec. 5,
	N. 88° 30' E., with continuous measurement.
48.40	Ridge, bears N. and S., 100 ft. above ¼ sec. cor.; desc.
68.10	Ravine, drains S., 200 ft. below ridge; asc.

Chains.

71.10 Old road, bears NE. and SW.

75.70 A westing of 80 chs. from the SW. cor. of sec. 34.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the cor., of secs. 32 and 33, with brass cap mkd.

T 11 S R 1 W

S 32 | S 33

T 12 S

S 5

1921

At base of post deposit a trachyte, 6x6x4 ins., mkd. X on one face.

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

77.20 Trail, bears NE. and SW.

79.59 The cor. of secs. 4 and 5, heretofore described in the notes of the N. bdy., T. 12 S., R. 1 W., this Group.

Land, rolling.

Soil, light clay and gravel, shallow and rocky, on hard pan subsoil.

Timber, none.

Undergrowth, dense sagebrush and grass.

General southern exposure. Limestone and quartzite formation. Good grazing.

Retracement and Resurvey of Subdivision.

From the SW. cor. of sec. 34, heretofore described.

North, on retracement line bet. secs. 33 and 34.

40.29 Fall 48 lks. E. of the ¼ sec. cor., hereinafter described.

The course of this line therefore is N. 0° 41' W., and the dist. is 40.29 chs.

From the ¼ sec. cor.

North,

39.29 Fall 117 lks. W. of the cor. of secs. 27, 28, 33 and 34, subsequently the cor. of secs. 27 and 34 only.

The course of this line therefore is N. 1° 42' E., and the dist. is 39.31 chs.

Chains.	
	From the cor. of secs. 27 and 34.
	North, on retracement line along the W. bdy. of sec. 27.
40.00	After diligent search, find no evidence of the ¼ sec. cor.
81.44	Fall 239 lks. E. of the cor. of secs. 21, 22, 27 and 28, subsequently the cor. of secs. 22 and 27 only.
	The course of this line therefore is N. 1° 41' W., and the dist. is 81.48 chs.
	From the cor. of secs. 22 and 27.
	North, on retracement line along the W. bdy. of sec. 22.
40.00	After diligent search, find no evidence of the ¼ sec. cor.
86.04	Fall 215 lks. E. of the cor. of secs. 15, 16, 21 and 22, subsequently the cor. of secs. 15 and 22 only.
	The course of this line therefore is N. 1° 26' W., and the dist. is 86.07 chs.
	From the cor. of secs. 15 and 22.
	North, on resurvey line along the W. bdy. of sec. 15.
40.00	After diligent search, find no evidence of the ¼ sec. cor.
82.50	Fall 62 lks. W. of the cor. of secs. 9, 10, 15 and 16, subsequently the cor. of secs. 10 and 15 only.
	The course of this line therefore is N. 0° 26' E., and the dist. is 82.50 chs.
	From the cor. of secs. 10 and 15.
	North, on retracement line along the W. bdy. sec. 10.
40.00	After diligent search, find no evidence of the ¼ sec. cor.
78.62	Fall 66 lks. E. of the cor. of secs. 3, 4, 9 and 10.
	The course of this line therefore is N. 0° 29' W., and the dist. is 78.62 chs.
	North, on retracement line bet. secs. 3 and 4.
40.00	After diligent search, find no evidence of the ¼ sec. cor.
80.35	Fall 72 lks. E. of the std. cor. of secs. 3, 4, 33 and 34, on the N. bdy. of twp., heretofore described.

Chains.	
	The course of this line htherefore is N. 0° 31' W., and the dist. is 80.35 chs.

	From the SW. cor. of sec. 34, on the S. bdy. of the twp., heretofore described.
	N. 0° 41' W., on resurvey line bet. secs. 33 and 34.
	Asc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
4.80	Spur, projects NE., 30 ft. above sec. cor.; desc.
19.50	Ravine, drains NE., 330 ft. below spur; drag road in bottom; asc.
32.50	A northing of 40 chs. from the cor. of secs. 4 and 33 on the S. bdy. of the twp., heretofore described.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 33, with brass cap mkd.
	¼ | S 33 | 1921
	Deposit a limestone, 8x8x4 ins., at base of post, mkd. X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
35.80	Spur, projects NW., 20 ft. above ¼ sec. cor.; desc.
40.00	Ravine, drains NE., 100 ft. below spur; asc.
40.29	The ¼ sec. cor. for sec. 34, which is
	A trachyte, 16x16x12 ins. above ground, firmly set in mound of stone, mkd. ¼ on W. face, alongside of which Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd. for ¼ sec. cor. to Sec. 34.
	¼ | S 34 | 1921
	Deposit a limestone, 8x10x4 ins., at base of post, mkd.

Chains.	
	X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	From the ¼ sec. cor. for sec. 34, with continuous measurement,
	N. 1° 42' E.
40.35	Old road, bears NE. and SW. in Main Canyon.
52.80	Spur, projects E., 200 ft. above ravine; desc.
66.50	Ravine, drains SE. (Spring Canon) 150 ft. below spur; asc. Old road in bottom bears NW. and SE.
72.52	A northing of 80 chs. from the cor. of secs. 4 and 33 on the S. bdy. of the twp.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 28 and 33, with brass cap mkd.
	T 11 S / S. 28 / S 33 / R 1 W | S 34
	1921
	At base of post deposit a limestone, 10x10x5 ins., mkd. with X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees withon limits suitable for bearing trees.
79.60	The cor. of secs. 27, 28, 33 & 34.
	A trachyte, 16x12x6 ins., set in mound of stone; mkd. with 3 notches on the E., and 1 notch on the S. edges. along side of which
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd. for cor. of secs. 27 & 34.
	S 28 | T 11 S / S 27 / S 34 / R 1 W
	1921
	Deposit a limestone, 6x8x4 ins., at base of post, mkd. X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Chains.	
	No trees within limits suitable for bearing trees.
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.
	General eastern exposure. Limestone and quartzite formation. Good grazing.

	From the cor. of secs. 27 and 34.
	N. 1° 41' W., on resurvey line along the W. bdy. sec. 27.
	Asc. over mountainous land, through very scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
22.80	Ridge, bears E. and W., 275 ft. above sec. cor.; desc.
32.93	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 28, with brass cap mkd.
	¼ | S 28 | 1921
	At base of post, deposit a trachyte, 8x8x6 ins., mkd: X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
35.80	Ravine, drains E., 130 ft. below ¼ sec. cor.; asc.
40.74	Proportional measurement. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor. for sec. 27, with brass cap mkd.
	¼ | S 27 | 1921
	At base of post, deposit a trachyte, 10x10x4 ins., mkd. X on one face.

Chains.	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	No trees within limits suitable for bearing trees.
46.80	Ridge, bears NE. and SW., 100 ft. above ¼ sec. cor.; desc.
57.40	Ravine, drains E., 270 ft. below spur; asc.
69.80	Spur, projects E., 150 ft. above ravine; desc.
72.95	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 21 and 28, with brass cap mkd.

T 11 S S 21 S 28 R 1 W	S 27

1921

Chains.	
	At base of post, deposit a trachyte, 10x8x5 ins., mkd. X on one face.
77.00	Ravine, drains NE., 190 ft. below sec. cor.; asc.
81.48	The cor. of secs. 21, 22, 27 & 28, which is
	A trachyte, 14x18x10 ins., set in mound of stone, mkd. with 3 notches on the E. and 2 notches on the S. edges. Along side of which
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd. for cor. of secs. 22 & 27.

S 21	T 11 S S 22 S 27 R 1 W

1921

From which

A cedar, 6 ins. diam., bears N. 59° E., 92 lks. dist., mkd. T11S R1W S22 BT.

A cedar, 6 ins. diam., bears S. 52° E., 86 lks. dist., mkd. T11S R1W S27 BT.

Land, mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and grass.

General eastern exposure. Limestone and quartzite

Chains.

formation. Good grazing.

From the cor. of secs. 22 and 27.

N. 1° 26' W., on resurvey line along the W. bdy. sec. 22.

Asc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.

21.90 Spur, projects E., 220 ft. above sec. cor.; desc.

31.48 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 21, with brass cap mkd.

¼
S 21
1921

At base of post, deposit a trachyte, 8x10x5 ins., mkd. X on one face.

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

No trees within limits suitable for bearing trees.

43.03½ Proportional measurement. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor. for sec. 22, with brass cap mkd.

¼
S 22
1921

At base of post, deposit a trachyte, 10x10x6 ins., mkd. X on one face.

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

No trees within limits suitable for bearing trees.

53.90 Wood road on ridge, bears E. and W., 130 ft. above ¼ sec. cor.; desc.

59.60 Ravine, drains NE., 140 ft. below ridge; asc.

64.50 Spur, projects E., approximately 5 chs., 30 ft. above ravine; desc.

68.60 Ravine, drains SE., 100 ft. below spur; asc.

Chains.

71.49 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 16 and 21, with brass cap mkd.

T 11 S
S 16 | S 22
S 21
R 1 W
1921

At base of post, deposit a trachyte, 10x12x6 ins., mkd. X on one face.

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

No trees within limits suitable for bearing trees.

Cor. established 100 ft. above ravine; continue asc.

86.07 The cor. of secs. 15, 16, 21 & 22 which is

A trachyte, 24 x 12 x 10 ins., firmly set; mkd. with 3 notches on the S. and E. edges; along side of which

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd. for cor. of secs. 15 & 22.

S 16 | T 11 S
S 15
S 22
R 1 W
1921

From which

A cedar, 6 ins. diam., bears N. 34° E., 46 lks. dist., mkd. T11S R1W S15 BT.

No other trees within limits suitable for bearing trees.

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

Land, mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and grass.

General eastern exposure. Limestone and quartzite formation. Good grazing.

From the cor. of secs. 15 and 22.

N. 0° 26' E., on resurvey line along the W. bdy. sec. 15.

Chains.	
	Asc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
2.50	Ridge, bears E. and W., 40 ft. above sec. cor. Old road on top bears E. and W.; desc.
8.90	Ravine, drains E., 140 ft. below ridge; asc.
19.30	Spur, projects NE., 180 ft. above ravine; desc.
25.42	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 16, with brass cap mkd.

¼ | S 16 | 1921

At base of post, deposit a trachyte, 12x10x6 ins., mkd. X on one face.

41.25	Proportional measurement. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor. for sec. 15, with brass cap mkd.

¼ | S 15

1921

At base of post, deposit a trachyte, 10x10x4 ins., mkd. X on one face.

44.00	Ravine, drains NE., 380 ft. below spur; asc.
55.70	Ridge, bears NE. and SW., divide bet. Juab and Goshen Valleys, 40 ft. above ravine; desc.
65.42	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd. for cor. of secs. 9 & 16

T 11 S | S 15
S 9 | S 16
R 1 W

1921

At base of post, deposit a trachyte, 14x10x4 ins., mkd. X on one face.

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

Chains.	
77.20	Ravine, drains W., 160 ft. below ridge; asc.
82.50	The cor. of secs. 9, 10, 15 and 16
	A trachyte, 18x10x9 ins., set in mound of stone, mkd. with 4 notches on the S., and 3 notches on the E. edges. Along side of which
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd. for cor. of secs. 10 & 15

S 9 | T 11 S / S 10 / S 15 / R 1 W

1921

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

Land, rough and mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and grass.

General northern exposure. Quartzite and conglomerate formation. Good grazing.

From the cor. of secs. 10 and 15.

N. 0° 29' W., on resurvey line along the W. bdy. of sec. 10.

Desc. over rough mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.

4.10	Ravine, drains W., 40 ft. below sec. cor.; asc.
12.10	Ridge, bears E. and W., 100 ft. above ravine; desc.
22.92	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 9, with brass cap mkd.

S 9 | ¼

1921

At base of post, deposit a trachyte, 10x10x5 ins., mkd.

Chains.

X on one face.

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

No trees within limits suitable for bearing trees.

31.40 Ravine, drains W., 275 ft. below ridge; asc.

39.31 Proportional measurement. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor. for Sec. 10, with brass cap mkd.

¼
S 10
1921

At base of post, deposit a trachyte, 10x12x6 ins., mkd. X on one face.

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

No trees within limits suitable for bearing trees.

43.80 Spur, projects NW., 175 ft. above ravine; desc.

55.70 Ravine, drains NW., 200 ft. below spur; asc.

68.20 Spur, projects W., 100 ft. above ravine; desc.

74.80 Ravine, drains NW., 75 ft. below spur; asc.

78.62 The cor. of secs. 3, 4, 9 and 10, which is

A trachyte, 16x12x12 ins., set in mound of stone, mkd. with 5 notches on the S., and 3 notches on the E. edges. Along side of which

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, with brass cap mkd. for cor. of secs. 3, 4, 9 & 10

T 11 S R 1 W

S 4	S 3
S 9	S 10

1921

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

No trees within limits suitable for bearing trees.

Land, rough mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Chains	
	Undergrowth, dense sagebrush and grass.
	General northwestern exposure. Quartzite and conglomerate formation. Good grazing.
	N. 0° 31' W., on resurvey line bet. secs. 3 and 4.
	Asc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
1.00	Spur, projects NW., 10 ft. above sec. cor. Old wood-road on top bears N. 70° W., S. 70° E.; desc.
4.60	Ravine, drains NW., 70 ft. below spur; asc.
9.60	Low spur, projects NW., 30 ft. above ravine; desc.
32.90	Old wood-road, bears NE. and SW.
39.83	Proportional measurement. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor. for secs. 3 and 4, with brass cap mkd.
	¼ S 4 | S 3 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
60.00	Ravine, drains NW., 250 ft. below spur; asc.
65.00	Low spur, projects NW., 20 ft. above ravine; desc.
66.20	Wash, 40 lks. wide, 30 ft. deep, drains NW., 30 ft. below spur; continue desc.
75.40	Foot of hills, bears NE. and SW., leave mountainous land, enter rolling land.
77.70	Irrigation canal, 40 lks. wide, 5 ft. deep, drains NW.; continue desc.
80.35	The cor. of secs. 3, 4, 33 and 34, on the N. Bdy. of the twp., heretofore described.
	Land, rough mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.

Chains.

General northern exposure. Quartzite and conglomerate formation. Good grazing.

From the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the twp.

East, on retracement line bet. secs. 6 and 7.

40.07 After diligent search, find no evidence of the ¼ sec. cor.

80.07 Record distance. After diligent search, find no evidence of the cor. of secs. 5, 6, 7 and 8; leave temp. point.

From the std. cor. of secs, 5, 6, 31 and 32, on the N. bdy. of the twp.

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

40.00 After diligent search, find no evidence of the ¼ sec. cor.

80.00 Record distance. After diligent search, find no evidence of the cor. of secs. 5, 6, 7 and 8.

From this point, the temp. point left on line bet. secs. 6 and 7 bears 182 lks. west and 44 lks. South.

Therefore, at a point 182 lks. W.

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

T. 11 S R 1 W

S 6	S 5
S 7	S 8

1921

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

The course of the line bet. secs. 5 and 6, therefore is N. 1° 18' E., and the dist. is 80.02 chs.

The course of the line bet. secs. 6 and 7, therefore is S. 89° 41' W., and the dist. is 80.07 chs.

From the restored cor. of secs. 5, 6, 7 and 8.

East, on retracement line bet. secs. 5 and 8.

39.98 After diligent search, find no evidence of the ¼ sec. cor.

Chains.	
79.96	Record dist. After diligent search, find no evidence of the cor. of secs. 4, 5, 8 and 9; leave temp. point.

	From the temp. point for the cor. of secs. 4, 5, 8 and 9.
	East, on retracement line bet. secs. 4 and 9.
40.00	After diligent search, find no evidence of the ¼ sec.cor.
60.00	Record dist. Find no evidence of cor.

	From the std. cor. of secs. 4, 5, 32 and 33, on the N. bdy. of twp.
	South, on retracement line bet. secs. 4 and 5.
40.00	After diligent search, find no evidence of the ¼ sec.cor.
80.00	Record dist. After diligent search, find no evidence of the cor. of secs. 4, 5, 8 and 9.
	From this point, the temp. point left on line bet. secs. 5 and 8, bears 298 lks. West, and 40 lks. South.
	Therefore, at a point 298 lks. W.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the restored cor. of secs. 4, 5, 8 and 9, with brass cap mkd.

T 11 S R 1 W

S 5	S 4
S 8	S 9

1921

From which

A cedar, 6 ins. diam., bears S. 67° E., 337 lks. dist., mkd. T11S R1W S9 BT.

No other trees within limits suitable for bearing trees.

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

The course of the line bet. secs. 4 and 5, therefore is N. 2° 08' E., and the dist. is 80.06 chs.

The course of the line bet. secs. 5 and 8, therefore is N. 89° 43' E., and the dist. is 79.96 chs.

From the restored cor. of secs. 5, 6, 7 and 8.

Chains	
	South, on retracement line bet. secs. 7 and 8.
40.00	After diligent search, find no evidence of the ¼ sec.cor.
80.00	Record dist. After diligent search, find no evidence of the cor. of secs. 7, 8, 17 and 18; leave temp. point.

From the restored cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the twp.

East, on retracement line bet. secs. 7 and 18.

40.15	After diligent search, find no evidence of the ¼ sec.cor.
80.15	Record dist. After diligent search, find no evidence of the cor. of secs. 7, 8, 17 and 18.

From this point, the temp. point left on line bet. secs. 7 and 8, bears 224 lks. North, and 23 lks. E.

Therefore at a point 224 lks. N.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the restored cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

T 11 S R 1 W

S 7	S 8
S 18	S 17

1921

At base of post, deposit a trachyte, 12x10x5 ins., mkd. X on one face.

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

The course of the line bet. secs. 7 and 8, therefore is S. 0° 10' W., and the dist. is 80.00 chs.

The course of the line bet. secs. 7 and 18, therefore is N. 88° 24' E., and the dist. is 80.18 chs.

From the std. cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the twp.

S. 2° 08' W., on resurvey line, bet. secs. 4 and 5.

Asc. gradually over gently rolling land, through dense sagebrush and greasewood undergrowth.

2.20	Old road, bears NW. and SE.

Chains.	
15.00	Wash, 30 lks. wide, 6 ft. deep, drains NE., continue gradual asc.
34.30	Irrigation canal, 30 lks. wide, 6 ft. deep, course W., continue gradual asc.
40.03	Proportional measurement. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the restored ¼ sec. cor., with brass cap mkd.
	¼ | S 5 | S 4 | 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
47.00	Wash, 20 lks. wide, 4 ft. deep, drains NW.; continue gradual asc.
70.00	Enter scattering scrub cedar and pinon timber, bears E. and W.
80.06	The cor. of secs. 4, 5, 8 and 9, heretofore described.
	Land, gently rolling.
	Soil, light clay and gravel, more than two feet deep.
	Timber, scattering scrub cedar and pinon on extreme southern portion of mile.
	Undergrowth, dense sagebrush and greasewood.
	Northern exposure. Good grazing.
	S. 89° 43' W., on resurvey line bet. secs. 5 and 8.
	Over nearly level land, through scattering scrub cedar and pinon timber, dense sagebrush and greasewood under-growth.
15.00	Shallow swale drains N., leave scattering timber, NE. and SW.
37.50	Old road, bears NW. and SE.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor., with brass cap mkd.
	¼ | S 5 / S 8 | 1921

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
40.90	Wash, 20 lks. wide, 10 ft. deep, drains N.
61.70	Old road, bears N. and S.
69.60	Old road, bears NE. and SW.
79.96	The cor. of secs. 5, 6, 7 and 8, heretofore described.
	Land, rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, very scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and greasewood.
	Northern exposure. Good grazing.

	S. 0° 10' W., on resurvey line bet. secs. 7 and 8.
	Asc. gradually over gently rolling land, through dense sagebrush and greasewood undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor., with brass cap mkd.
	¼ S 7 | S 8 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
46.80	Old road, bears NE. and SW.
72.00	Old road, bears NW. and SE., enter scattering scrub cedar and pinon timber.
76.80	Wash, 50 lks. wide, 20 ft. deep, drains NW.; continue gradual asc.
80.00	The cor. of secs. 7, 8, 17 and 18, heretofore described.
	Land, gently rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon on southern portion of mile.
	Undergrowth, dense sagebrush and greasewood.
	Northern exposure. Good grazing.

	S. 88° 24' W., on resurvey line bet. secs. 7 and 18.

Chains.	
	Asc. over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and greasewood undergrowth.
16.70	Ridge, bears N. and S., 40 ft. above sec. cor.; desc.
34.30	Leave rolling mountainous land and scattering scrub cedar and pinon timber, bears N. and S.; desc. gradually.
40.09	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the restored ¼ sec. cor., with brass cap mkd. $\frac{1}{4}\ \frac{S\ 7}{S\ 18}$ 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
40.20	Wire fence bears N. and S. Approximately 2 chs. S. to E. and W. wire fence. Continue desc. through sagebrush land of Hancock Bros.
59.90	Wire fence, bears N. and S. E. and W. wire fence terminates in N. and S. fence. Leave sagebrush, thence through grain field.
80.18	The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the twp., heretofore described.
	Land, rolling mountainous in the extreme eastern portion; nearly level in the western portion.
	Soil, light clay and gravel, shallow and rocky in the eastern portion; sandy and gravelly loam in the western portion.
	Timber, scattering scrub cedar and pinon in the extreme eastern portion.
	Undergrowth, dense sagebrush and greasewood.
	Northwestern exposure. Good grazing.

	From the cor. of secs. 4, 5, 8 and 9.
	East, on resurvey line bet. secs. 4 and 9.
	Over nearly level land, through scattering scrub cedar

Chains.	
	and pinon timber, dense sagebrush undergrowth.
21.70	Old road, bears NW. and SE.
23.50	Wash, 20 lks. wide, 6 ft. deep, drains NW.
37.50	Old road, bears NW. and SE.
40.00	Record dist. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on soild rock, in large mound of stone, for the restored ¼ sec. cor., with brass cap mkd.
	¼ S 4 / S 9
	1921
	At base of post, deposit a trachyte, 6x6x4 ins., mkd. X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	From this cor. a tunnel and mine dump bears S. 53° E., approximately 20 chs. dist.
41.60	Wash, 20 lks. wide, 6 ft. deep, drains N.
48.00	Old road, bears NE. and SW.
60.00	Record dist. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for angle point, with brass cap mkd.
	T 11 S R 1 W.
	A P
	S 4 / S 9
	1921
	At base of post, deposit a quartz, 12x10x8 ins., mkd. X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	From the angle point,
	N. 85° 37' E., on computed random course with continuous measurement.
84.08	Fall 4½ lks. N. of the cor. of secs. 3, 4, 9 and 10, heretofore described.
	From the angle point,
	N. 85° 43' E., on true line, with continuous measurement.
65.00	Spur, porjects N., 30 ft. above angle point; desc.

Chains.	
67.40	Ravine, drains NW., 60 ft. below spur; asc.
84.05	The cor. of secs. 3, 4, 9 and 10.
	Land, rolling.
	Soil, light clay and gravel, shallow and rocky.
	Timber, very scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush.
	Northern exposure. Quartzite formation. Good grazing.

SUBDIVISIONS

From the cor. of secs. 4, 5, 8 and 9.

South, bet. secs. 8 and 9.

Asc. over rolling land, through scattering scrub cedar and pinon timber, dense sagebrush and June grass undergrowth.

29.30 Centre of natural reservoir, 6 chs. in diam., no outlet. Continue asc.

29.70 Old road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 8, with brass cap mkd.

¼
S 8
1921

At base of post, deposit a quartzite, 8x8x3 ins., mkd. X on one face.

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

44.60 Spur, projects NW., 80 ft. above ¼ sec. cor.; desc. abruptly over mountainous land.

46.90 Ravine, drains NW., 60 ft. below spur; asc. abruptly.

53.24 Subsequently at a point 40 chs. N. of the SW. cor. of sec. 9.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor. for sec. 9, with brass cap mkd.

¼
S 9
1921

Chains.	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	Cor. established 175 ft. above ravine; continue abrupt asc.
67.40	Spur, projects E., 500 ft. above ravine; desc.
71.30	Ravine, drains E., 30 ft. below spur; asc.
77.00	Spur, projects E., 140 ft. above ravine; desc.
80.00	Set temp. point.
80.70	Subsequently at this point,
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 8 and 17, with brass cap mkd.
	T 11 S R 1 W
	S 8 / S 17 | S 9
	1921
	At base of post, deposit a quartzite, 12x10x6 ins., mkd. X on one face.
	Land, rolling on the northern postion, rough mountainous in the southern portion.
	Soil, light clay and gravel, shallow and rocky.
	Timber, very scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and June grass.
	Northern exposure. Limestone and quartzite formation. Good grazing.

	From the cor. of secs. 7, 8, 17 and 18.
	East, on random line bet. secs. 8 and 17 for dist. only.
40.00	Set temp. point for ¼ sec. cor.
80.06	Fall 70 lks. S. of the temp. point left on line bet. secs. 8 and 9.
	From the cor. of secs. 7, 8, 17 and 18.
	East, on true line bet. secs. 8 and 17.
	Desc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and June grass undergrowth.

Chains.	
2.00	Wash from Slate Canon, 75 lks. wide, 20 ft. deep, drains NW., asc.
3.10	Old road bears N. and S.
17.00	Wash, 20 lks. wide, 6 ft. deep, drains NW.; continue asc.
37.50	Spur, projects NW., 450 ft. above sec. cor.; desc.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor. for sec. 8, with brass cap mkd.
	¼ S 8
	1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No trees within limits suitable for bearing trees.
	Cor. established in head of draw, drains NW.; asc.
47.73	Subsequently at point 40 chs. Westing from the cor. of secs. 16 and 17.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in mound of stone, for the ¼ sec. cor. for sec. 17, with brass cap mkd.
	¼ S 17
	1921
	At base of post. deposit a trachyte, 12x8x3 ins., mkd. X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	No trees within limits suitable for bearing trees.
	Cor. established on ridge, bears N. and S., 200 ft. above ¼ sec. cor. for sec. 8; desc. abruptly.
54.00	Ravine, drains NE., 150 ft. below ridge; asc.
64.00	Spur, projects NE., 150 ft. above ravine; desc.
66.50	Ravine, drains NW., 80 ft. below spur; asc. abruptly over rocky slope.
73.40	Ridge, bears N. and S., 250 ft. above ravine; desc. abruptly over rocky slope.
80.06	The cor. of secs. 8 and 17 on the W. bdy. of sec. 9, heretofore described.

Chains.	
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and June grass.
	Northern exposure. Limestone and quartzite formation. Good grazing.

	From the cor. of secs. 13, 18, 19 and 24, W. bdy. of Tp.
	East, on random line bet. secs. 18 and 19.
80.00	Set temp. point for the cor. of secs. 18 and 19.

	From the temp. point for the cor. of secs. 18 and 19.
	North, on random line bet. secs. 17 and 18.
84.58	Fall 45 lks. E. of the cor. of secs. 7, 8, 17 and 18.
	The course of the line bet. secs. 18 and 19 is East, and the dist. is 79.55 chs.
	The course of the line bet. secs. 17 and 18, therefore is North, and the dist. is 84.58 chs.

	From the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the twp.
	East, on true line bet. secs. 18 and 19.
	Asc. gradually over cultivated land of Hancock Bros.
1.00	Wash, 20 lks. wide, 6 ft. deep, drains N.
1.90	Old road, bears N. and S.
10.00	Leave cultivated land, bears N. and S., enter dense sagebrush and scattering scrub cedar and pinon timber.
20.00	Wire fence, bears N. and S., leave Hancock Bros'. field.
27.00	Start asc. over mountainous land, bears NE. and SW.
33.40	Wash, 100 lks. wide, 6 ft. deep, drains N.; continue asc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor., with brass cap mkd.

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

1921

Chains.	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No trees within limits suitable for bearing trees.
47.40	Spur, projects NW., 60 ft. above ¼ sec. cor.; desc.
50.00	Ravine, drains NW., 50 ft. below spur; asc.
68.00	Spur, projects SW., 80 ft. above ravine; desc.
72.30	Ravine, drains SW., 30 ft. below spur; asc. Enter dense cedar and pinon timber, bears N. and S.
79.55	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 18 and 19, with brass cap mkd.

T 11 S | S 17
S 18 / S 19
R 1 W

1921

From which

A cedar, 24 ins. diam., bears N. 52° W., 75 lks. dist., mkd. T11S R1W S18 BT.

No other trees within limits suitable for bearing trees.

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

Cor. established 100 ft. above ravine.

Land, nearly level in the western portion; mountainous in the eastern portion.

Soil, dark loam and fine gravel, in the wester portion light clay and gravel, shallow and rocky in the eastern portion.

Timber, scattering in the western to dense in the eastern portion.

Undergrowth, grain, in the cultivated portion, dense sagebrush and June grass in the eastern portion.

Conglomerate formation. Western exposure. Good grazing.

From the cor. of secs. 18 and 19.

North, on true line bet. secs. 17 and 18.

Asc. over mountainous land, through dense cedar and pinon timber, sagebrush and squaw brush undergrowth.

Chains.	
2.60	Spur, projects W., 30 ft. above sec. cor.; desc.
12.10	Ravine, drains NE., 100 ft. below spur; asc.
22.40	Low spur, projects E., contine desc.
31.64	Subsequently at a point 40 chs. N. of the cor. of secs. 17 and 20.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 17, with brass cap mkd.
	¼ S 17 1921
	From which
	A cedar, 8 ins. diam., bears N. 81° 30' E., 128 lks. dist., mkd. ¼ S17 BT.
	A cedar 8 ins. diam., bears S. 30° E., 165 lks. dist., mkd. ¼ S17 BT.
42.29	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor. for sec. 18, with brass cap mkd.
	¼ S 18 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
42.40	Shallow draw, drains NE., into Slate Canon; thence along west slope of Slate canon over numerous small draws and low spurs projecting E.
84.58	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, dense scrub cedar and pinon becomming more scattering in the northern portion.
	Undergrowth, dense sagebrush, scattering squaw brush, and June grass.
	General northern exposure. Conglomerate formation.

Chains.	
	Good grazing.

	From the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the twp., heretofore described.
	East, on random line bet. secs. 19 and 30.
80.00	Set temp. point for the cor. of secs. 19 and 20.

	From the temp. point for the cor. of secs. 19 and 20.
	North, on random line bet. secs. 19 and 20.
81.26	Fall 39 lks. E. of the cor. of secs. 18 and 19.
	The course of the line bet. secs. 19 and 30, therefore is East, and the dist. is 79.61 chs.
	The course of the line bet. secs. 19 and 20, therefore is South, and the dist. is 81.26 chs.

	From the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the twp., heretofore described.
	East, on true line bet. secs. 19 and 30.
	Desc. over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush, squaw-brush and June grass undergrowth.
2.00	Wash, 100 lks. wide, 20 ft. deep, drains NW.; asc.
7.70	Spur, projects NW., 150 ft. above wash; desc.
18.40	Cottonwood Canon, drains NW., 160 ft. below spur. Small stream, 2 lks. wide, ½ in deep, in bottom; asc. abruptly over rough mountainous land.
28.00	Spur, projects SW., 140 ft. above canon; desc.
30.80	Ravine, drains SW., 50 ft. below spur; asc. abruptly through dense cedar and pinon timber.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone for the ¼ sec. cor. for sec. 19, with brass cap mkd. ¼ S 19 1921
	From which

Chains.	
	A cedar, 8 ins. diam., bears N. 7° E., 32 lks. dist., mkd. ¼ S19 BT.
	A cedar, 20 ins. diam., bears N. 73° W., 36 lks. dist., mkd. ¼ S19 BT.
47.75	A point 40 chs. W. of the NE. cor. of sec. 30. Subsequently Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 30, with brass cap mkd. ¼ S 30 / 1921 At base of post, deposit a quartzite, 6x6x3 ins., mkd. X on one face.
51.40	Spur, projects SW., 260 ft. above ¼ sec. cor. for sec. 19; desc.
62.30	Ravine, drains S., 210 ft. below spur; asc.
73.40	Spur, projects S., 210 ft. above ravine; desc.
79.61	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone for the cor. of secs. 19 and 20, with brass cap mkd. T 11 S R 1 W / S 19 | S 20 / S 30 / 1921 At base of post, deposit a trachyte, 8x8x6 ins., mkd. X on one face.
	No trees within limits suitable for bearing trees.
	Land, rough mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, dense scrub cedar and pinon.
	Undergrowth, dense sagebrush, squaw brush and June grass.
	General western exposure. Limestone, quartzite and conglomerate formation. Good grazing.

	From the cor. of secs. 18 and 19.

Chains.	
	South, on true line along the E. bdy. of sec. 19.
	Desc. over mountainous land, through dense cedar and pinon timber, scattering squaw brush and grass.
.50	Shallow ravine, drains W., 20 ft. below sec. cor.; asc.
1.90	Low spur, projects W., 50 ft. above ravine; desc.
8.36	Subsequently the point for the cor. of secs. 17 and 20.
9.70	Ravine, drains N. 60° W., 130 ft. below spur; asc.
13.30	Low spur, projects W.; desc.
16.20	Ravine, drains N. 20° W., 20 ft. below low spur; asc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 19, with brass cap mkd.

¼
S 19
1921

At base of post, deposit a trachyte, 18x12x12 ins., mkd. X on one face.

From which

A cedar, 18 ins. diam., bears S. 65° 30' W., 55 lks. dist., mkd. ¼ S19 BT.

A cedar, 6 ins. diam., bears N. 66° W., 79 lks. dist., mkd. ¼ S19 BT.

46.80	Spur, projects W., 440 ft. above ravine; desc.
48.36	A point 40 chs. S. of the cor. of secs. 17 and 20.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 20, with brass cap mkd.

¼
S 20
1921

At base of post, deposit a trachyte, 8x8x8 ins., mkd. X on one face.

52.60	Ravine, drains W., 100 ft. below spur; asc.
65.70	Ridge, bears NW., 100 ft. above ravine; desc.
67.90	Head of ravine, drains NW., 20 ft. below ridge; asc.

Subdivision of T. 11 S., R. 1 W.

Chains.	
72.30	Ridge, bears NW. and SE., 80 ft. above head of ravine; desc.
81.26	The cor. of secs. 19 and 20, on the N. bdy. of sec. 30, heretofore described.
	Land, mountainous.
	Soil, light clay, gravelly, rocky and shallow.
	Timber, dense scrub cedar and pinon.
	Undergrowth, dense squaw brush and sagebrush.
	General northwestern exposure. Conglomerate formation. Fair grazing.

	From the cor. of secs. 32 and 33, on the S. bdy. of the twp., heretofore described.
	North, on random line bet. secs. 32 and 33.
40.00	Leave temp. point for ¼ sec. cor.
80.00	Leave temp. point for the cor. of secs. 28, 29, 32 and 33.

	From the cor. of secs. 28 and 33, on the W. bdy. of sec. 34.
	West, on random line bet. secs. 28 and 33.
40.00	Set temp. point for the ¼ sec. cor.
80.54	Fall 17 lks. N. of the temp. point on line bet. secs. 32 and 33.
	The course of the line bet. secs. 32 and 33, therefore is North, and the dist. is 80.17 chs.
	The course of the line bet. secs. 28 and 33, therefore is East, and the dist. is 80.54 chs.

	From the cor. of secs. 32 and 33 on the S. bdy. of the twp. heretofore described.
	North, on true line bet. secs. 32 and 33. on Sectional Guide Meridian.
	Asc. over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.

Chains.	
6.10	Wire fence, bears E. and W.
15.90	Ridge and divide bet. Goshen and Juab Valleys, bears NW. and SE., 100 ft. above sec. cor.; desc.
25.40	Ravine, drains SE., 130 ft. below ridge; asc.
31.50	Spur, projects E., 80 ft. above ravine; desc.
40.08½	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor., with brass cap mkd.

¼

S 32 | S 33

1921

From which

A cedar, 26 ins. diam., bears N. 54° 45' E., 138 lks. dist., mkd. ¼ S33 BT.

No other trees within limits suitable for bearing trees.

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

Cor. established 90 ft. below spur; asc. along E. slope.

Asc. along E. slope.

57.00	Ridge, bears NE. and SW., 130 ft. above ¼ sec. cor.; desc. gradually along W. slope of ridge.
80.17	At the intersection with the Sectional Correction Line. Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

T 11 S R 1 W

S 29 | S 28

S 32 | S 33

1921

From which

A cedar, 22 ins. diam., bears N. 36° 30' E., 390 lks. dist., mkd. T11S R1W S28 BT.

A cedar, 8 ins. diam., bears S. 50° E., 120 lks. dist., mkd. T11S R1W S33 BT.

A cedar, 12 ins. diam., bears S. 8° 30' W., 119 lks. dist., mkd. T11S R1W S32 BT.

Chains.	
	No other trees within limits suitable for bearing trees.
	At base of post, deposit a trachyte, 8x8x6 ins., mkd. X on one face.
	Cor. established 80 ft. below ridge.
	Land, rolling mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush.
	Eastern exposure in the southern portion; western exposure in the northern portion. Granite formation. Good grazing.

	East, on Sectional Correction Line bet. secs. 28 and 33.
	Asc. over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
6.30	Ridge, bears N. and S., 100 ft. above sec. cor.; desc.
18.20	Ravine, drains NE., 250 ft. below ridge; asc.
21.50	Spur, projects NE., 20 ft. above ravine; desc.
33.00	Ravine, drains NE., 225 ft. below spur; asc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.
	$\frac{1}{4}\ \frac{S\ 28}{S\ 33}$
	1921
	At base of post, deposit a trachyte, 8x8x6 ins., mkd. X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Cor. established on top of spur projecting NE., 30 ft. above ravine; desc.
67.00	Spring Canon drains SE., 460 ft. below ¼ sec. cor.; continue desc. along N. slope of canon.
80.54	The cor. of secs. 28 and 33, on the W. bdy. of sec. 34, heretofore described.
	Land, rolling mountainous.

Chains.	
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.
	General eastern exposure. Granite formation. Good grazing.

	From the cor. of secs. 28, 29, 32 and 33.
	North, on Sectional Guide Meridian bet. secs. 28 and 29.
	Desc. gradually over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and grass undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.
	¼ S 29 | S 28 1921
	At base of post, deposit a trachyte, 8x8x4 ins., mkd. X on one face.
	Raise a mound of stone, 2 ft. base 1½ ft. high, W. of cor.
	No trees within limits suitable for bearing trees.
	Cor. established 240 ft. below sec. cor.; continue desc.
44.70	Spring Canon, drains SE., 120 ft. below ¼ sec. cor.; asc.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 20, 21, 28 and 29, with brass cap mkd.
	T 11 S R 1 W S 20 | S 21 S 29 | S 28 1921
	At base of post, deposit a trachyte, 6x6x4 ins., mkd. X on one face.
	From which

Chains.	
	A cedar, 12 ins. diam., bears N. 17° 30' E., 259 lks. dist., mkd. T11S R1W S21 BT.
	A cedar, 26 ins. diam., bears S. 4° 30' E., 233 lks. dist., mkd. T11S R1W S28 BT.
	A cedar, 12 ins. diam., bears S. 9° W., 195 lks. dist., mkd. T11S R1W S29 BT.
	No other trees within limits suitable for bearing trees.
	Cor. established 280 ft. above Spring Canon.
	Land, rolling mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.
	General eastern exposure. Granite formation. Good grazing.
	East, on random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
78.43	Fall 12 lks. N. of the cor. of secs. 21 and 28, on the W. bdy. sec. 27,
	N. 89° 55' W., on true line bet. secs. 21 and 28.
	Desc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
10.40	Ravine, drains NE., 40 ft. below sec. cor.; asc.
38.43	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.
	¼ S 21 / S 28
	1921
	At base of post, deposit a trachyte, 8x8x6 ins., mkd. X on one face.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No trees within limits suitable for bearing trees.
	Cor. established 475 ft. above ravine; continue asc.
47.10	Ridge, bears N. and S., 220 ft. above ¼ sec. cor.; desc.
56.90	Ravine, drains S., 160 ft. below ridge; asc.

Chains.	
68.80	Ridge, bears NE. and SW., 210 ft. above ravine; desc.
78.43	The cor. of secs. 20, 21, 28 and 29, 130 ft. below ridge.
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.
	Eastern exposure. Granite and conglomerate formation. good grazing.

	North, on Sectional Guide Meridian, bet. secs. 20 and 21.
	Desc. over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
13.30	Ridge, divide between Juab and Goshen valleys.
14.90	Old road, bears E. and W. Start abrupt desc.
24.30	Small ravine, drains NW., 225 ft. below sec. cor.; asc.
28.00	Small spur, projects W. approximately 8 chs. to main canon; 50 ft. above ravine; desc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.

¼

S 20 | S 21

1921

	At base of post, deposit a trachyte, 8x6x4 ins., mkd. X. on one face.
	No trees within limits suitable for bearing trees.
	Cor. established 160 ft. below spur; continue desc.
44.80	Ravine, drains W., 90 ft. below ¼ sec. cor.; asc.
56.50	Spur, projects W., 110 ft. above ravine; desc.
63.70	Ravine, drains W., 250 ft. below spur; asc.
70.30	Spur, projects W., 40 ft. above ravine; desc.
78.80	Ravine, drains W., 140 ft. below spur; asc.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone,

Chains.

for the cor. of secs. 16, 17, 20 and 21, with brass cap mkd.

T 11 S R 1 W

S 17	S 16
S 20	S 21

1921

At base of post, deposit a trachyte, 10x6x4 ins., mkd. X on one face.

From which

A cedar, 14 ins. diam., bears N. 87° E., 73 lks. dist., mkd. T11S R1W S16 BT.

A cedar, 16 ins. diam., bears S. 43° 30' E., 37 lks. dist., mkd. T11S R1W S21 BT.

A cedar, 24 ins., diam., bears S. 79° 30' W., 118 lks. dist., mkd. T11S R1W S20 BT.

A cedar, 12 ins. diam., bears N. 22° W., 33 lks. dist., mkd. T11S R1W S17 BT.

Cor. established 40 ft. above ravine.

Land, rolling mountainous in the extreme southern portion, rough mountainous on the remainder.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and grass.

Northwestern exposure. granite and conglomerate formation. Good grazing.

S. 89° 55' E., on random line bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

76.33 Wall 7 lks. S. of the cor. of secs. 16 and 21, on the W. bdy. of sec. 22, heretofore described.

N. 89° 58' W., on true line bet. secs. 16 and 21.

Desc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and grass undergrowth.

8.00 Ravine, drains S., 45 ft. below sec. cor.; asc.

Chains.	
13.10	Spur, projects S., 90 ft. above spur; desc.
17.70	Ravine, drains SE., 50 ft. below spur; asc.
36.33	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.
	¼ S 16 / S 21
	1921
	At base of post, deposit a trachyte, 8x8x4 ins., mkd. X on one face.
	No trees within limits suitable for bearing trees.
	Cor. established 175 ft. above ravine; continue asc.
54.13	Ridge, divide between Juab and Goshen Valleys bears N. and S., 230 ft. above ¼ sec. cor.; desc.
76.33	The cor. of secs. 16, 17, 20 and 21, 425 ft. below ridge.
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.
	Western exposure in the extreme western portion; eastern exposure on remainder of mile. granite and conglomerate formation. Good grazing.

	North, on Sectional Guide Meridian bet. secs. 16 and 17.
	Asc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and grass undergrowth.
11.70	Spur, projects W., 80 ft. above sec. cor.; desc.
16.60	Ravine, drains W., 100 ft. below spur; asc.
35.60	Spur, projects SW., 330 ft. above ravine; desc. gradually along W. slope of spur.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.
	¼
	S 17 | S 16
	1921

Chains.	
	At base of post, deposit a trachyte, 14x10x6 ins., mkd. X on one face.
	From which
	A cedar, 14 ins. diam., bears N. 17° W., 160 lks. dist., mkd. ¼ S17 BT.
	A cedar, 4 ins. diam., bears N. 8° E., 112 lks. dist., mkd. ¼ S16 BT.
46.80	Ridge, bears NW. and SE. 30 ft. below ¼ sec. cor.; desc. abruptly along E. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 16 and 17, with brass cap mkd.

T 11 S R 1 W
S 9
S 17 | S 16
1921

From which

A cedar, 12 ins. diam., bears S. 35° 30' E., 23 lks. dist., mkd. T11S R1W S16 BT.

A cedar, 14 ins. diam., bears S. 74° W., 52 lks. dist., mkd. T11S R1W S17 BT.

Cor. established 500 ft. below spur.

Land, mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and grass.

Western exposure in the southern portion; eastern exposure in the northern portion. Granite and conglomerate formation. Good grazing.

From the cor. of secs. 16 and 17.

S. 89° 58' E., on random line bet. secs. 9 and 16.

40.00 Set temp. point for ¼ sec. cor.

76.58 Fall 4 lks. N. of the cor. of secs. 9 and 16, on the W. bdy. of sec. 15.

N. 89° 56' W., on true line bet. secs. 9 and 16.

Chains	
	Desc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and buckbrush undergrowth.
9.20	Ravine, drains NW., 50 ft. below sec. cor.; asc.
13.80	Spur, projects N., 80 ft. above ravine; desc.
29.10	Crooked Canon, drains N., 200 ft. below spur; asc.
36.58	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 16, with brass cap mkd. ¼ S 16 / 1921
	At base of post, deposit a trachyte, 6x6x4 ins., mkd. X on one face.
	From which
	A cedar, 12 ins. diam., bears S. 11° E., 87 lks. dist., mkd. ¼ S16 BT.
	No other trees within limits suitable for bearing trees.
	Cor. established 200 ft. above Crooked Canon; continue asc.
44.28	An easting of 40 chs. from the SW. cor. of sec. 9.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. for sec. 9, with brass cap mkd. ¼ S 9 / 1921
	From which
	A cedar, 6 ins. diam., bears N. 4° 30' W., 67 lks. dist., mkd. ¼ S9 BT.
	No other trees within limits suitable for bearing trees.
49.90	Spur, projects N., 230 ft. above ¼ sec. cor. for sec. 16; desc.
66.40	Goosenest Canon, drains N., 230 ft. below spur; asc.
76.58	The cor. of secs. 16 and 17.
	Thence

Chains	
	West, with continuous measurement.
84.28	A point 12.54 chs. South of the cor. of secs. 8 and 17. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the SW. cor. of sec. 9, with brass cap mkd.
	T 11 S R 1 W S 17 S 9 1921
	From which
	A cedar, 10 ins. diam., bears N. 46° E., 86 lks. dist., mkd. T11S R1W S9 BT.
	No other trees within limits suitable for bearing trees.
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and scattering buckbrush.
	General northern exposure. Conglomerate, quartzite, and granite formation. Good grazing.

	From the cor. of secs. 31 and 32, on the S. bdy. of the twp., heretofore described.
	N. 0°,01' W., on random line bet. secs. 31 and 32.
42.00	Computed dist. Set temp. ¼ sec. cor.
82.00	Computed dist. Set temp. point for cor. of secs. 29, 30, 31 and 32.

	From the temp. point.
	East, on random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
79.96	Fall 12 lks. S. of the cor. of secs. 28, 29, 32 and 33.

	From the cor. of secs. 28, 29, 32 and 33.
	West, on Sectional Correction Line bet. secs. 29 and 32.
	Desc. over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.

Chains.	
7.90	Ravine, drains N., 120 ft. below sec. cor.; asc.
25.20	Ridge, bears N. and S., 400 ft. above ravine; desc.
35.10	Ravine, drains NE., 160 ft. below ridge; asc.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor. with brass cap mkd.

¼ S 29 / S 32

1921

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

No trees within limits suitable for bearing trees.

Cor. established 60 ft. above ravine; continue asc.

44.70	Ridge, bears N. and S., 100 ft. above ¼ sec. cor.; desc.
67.00	Divide between Juab and Goshen valleys.
79.96	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 29, 30, 31 and 32, with brass cap mkd.

T 11 S R 1 W

S 30	S 29
S 31	S 32

1921

From which

A cedar, 12 ins. diam., bears N. 31° E., 19 lks. 19 lks. dist., mkd. T11S R1W S29 BT.

A cedar, 18 ins. diam., bears S. 63° E., 16 lks. dist., mkd. T11S R1W S32 BT.

A cedar, 14 ins. diam., bears S. 48° W., 118 lks. dist., mkd. T11S R1W S31 BT.

A cedar, 10 ins. diam., bears N. 63° W., 61 lks. dist., mkd. T11S R1W S30 BT.

Cor. established 80 ft. below ridge.

Land, mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and grass.

General southern exposure. Conglomerate and granite

Chains.	
	formation. Good grazing.
	S. 0° 01' E., bet. secs. 31 and 32.
	Desc. over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush undergrowth.
11.60	Ravine, drains NW., 70 ft. below sec. cor.; asc.
17.10	Spur, projects W., 40 ft. above ravine; desc.
21.10	Ravine, drains W., 50 ft. below spur; asc.
25.90	Spur, projects W., 20 ft. above ravine; desc.
29.90	Ravine, drains W., 20 ft. below spur; asc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor., with brass cap mkd.

¼

S 31 | S 32

1921

From which

A cedar, 14 ins. diam., bears S. 11° E., 40 lks. dist., mkd. ¼ S32 BT.

A cedar, 16 ins. diam., bears N. 85° W., 29 lks. dist., mkd. ¼ S31 BT.

	Cor. established on spur, projecting W., 150 ft. above ravine; desc.
76.60	Wire fence, bears E. and W.
82.12	The cor. of secs. 31 and 32, on the S. bdy. of the twp., heretofore described.
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.
	General southern and southeastern exposure. Conglomerate and granite formation. Good grazing.
	From the cor. of secs. 29, 30, 31 and 32.
	West, on Sectional Correction Line bet. secs. 30 and 31.

Chains.	
	Desc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and grass undergrowth.
22.60	Cottonwood Canon, drains N., 300 ft. below sec. cor. Old road in bottom bears N. and S.; asc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the ¼ sec. cor., with brass cap mkd.

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

1921

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
No trees within limits suitable for bearing trees.
Cor. established 200 ft. above canon.

69.30	Ridge, bears N. and S., 350 ft. above ¼ sec. cor.; desc.
88.10	Intersect the W. bdy. of the twp., S. 0° 12' W., 568 lks. from the cor. of secs. 25 and 36, heretofore described. At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the closing cor. of secs. 30 and 31, with brass cap mkd.

$$S\ 36 \left| \begin{array}{l} T\ 11\ S \\ \underline{S\ 30}\ \ C \\ S\ 31\ \ C \\ R\ 1\ W \end{array} \right.$$

1921

At base of post, deposit a trachyte, 12x6x4 ins., mkd. X on one face.

From which

A cedar, 18 ins. diam., bears N. 84° E., 322 lks. dist., mkd. T11S R1W S30 CC BT.

A cedar, 12 ins. diam., bears S. 54° 30' E., 295 lks. dist., mkd. T11S R1W S31 CC BT.

Cor. established 325 ft. below ridge.

Land, mountainous.

Soil, light clay and gravel, shallow and rocky.

Chains.	
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.
	General northern exposure. Conglomerate and granite formation. Good grazing.

	From the cor. of secs. 29, 30, 31 and 32.
	N? 0° 01' W., bet. secs. 29 and 30.
	Asc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and grass undergrowth.
8.70	Spur, projects W., 50 ft. above sec. cor.; desc.
14.20	Ravine, drains W., 150 ft. below spur; asc.
19.30	Spur, projects W., 120 ft. above ravine; desc.
32.00	Ravine, drains SW., 150 ft. below spur; asc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on solid rock, in large mound of stone, for the the ¼ sec. cor., with brass cap mkd.
	¼ S 30 | S 29 1921
	At base of post, deposit a trachyte, 8x6x6 ins., mkd. X on one face.
	From which
	A cedar, 6 ins. diam., bears S. 15° 30' E., 83 lks. dist., mkd. ¼ S29 BT.
	A cedar, 12 ins. diam., bears S. 52° W., 51 lks. dist., mkd. ¼ S30 BT.
	Cor. established 160 ft. above ravine; continue asc.
49.80	Spur, projects W., 120 ft. above ¼ sec. cor.; desc.
54.20	Ravine, drains W., 60 ft. below spur; asc.
61.30	Spur, projects SW., 100 ft. above ravine; desc.
67.60	Ravine, drains SW., 200 ft. below spur; asc.
75.60	Spur, projects W., 225 ft. above ravine; desc. From this point a spring in Cottonwood Canon bears S. 66° W. approximately 30 chs. dist.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the cor. of secs. 20 and 29, with brass cap mkd.

T 11 S
S 30 | S 20
S 29
R 1 W
1921

At base of post, deposit a trachyte, 8x8x6 ins., mkd. X on one face.

From which

A cedar, 36 ins. diam., bears N. 24° E., 63 lks. dist., mkd. T11S R1W S20 BT.

A cedar, 24 ins. diam., bears S. 29° E., 46 lks. dist., mkd. T11S R1W S29 BT.

Cor. established 90 ft. below spur; continue desc.

87.10 At a point 8.14 chs. East of the cor. of secs. 19 and 20, heretofore described.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on solid rock, in large mound of stone, for the NE. cor. of sec. 30, with brass cap mkd.

T 11 S
R 1 W
S 30 | S 20
1921

From which

A cedar, 14 ins. diam., bears S. 11° 30' W., 42 lks. dist., mkd. T11S R1W S30 BT.

A cedar, 12 ins. diam., bears S. 84° W., 68 lks. dist., mkd. T11S R1W S30 BT.

Land, mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and grass.

General western exposure. Conglomerate, granite and quartzite formation. Good grazing.

Chains	
	From the cor. of secs. 20 and 29, on the E. bdy. of sec. 30.
	East, on random line bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
79.88	Fall 19 lks. S. of the cor. of secs. 20, 21, 28 and 29.
	S. 89° 52' W., on true line bet. secs. 20 and 29.
	Desc. over mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush and grass undergrowth.
15.60	Ravine, drains SE., 120 ft. below sec. cor.; asc. Old road, bears N. and S.
25.40	Old road, bears NE. and SW.
29.30	Ridge and divide between Goshen and Juab Valleys, bears N. and S., 80 ft. above ravine; desc.
38.00	Head of Slate Canon, drains N., 250 ft. below ridge; asc.
39.94	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.
	¼ S 20 / S 29
	1921
	At base of post, deposit a trachyte, 6x6x4 ins., mkd. X on one face.
	No trees within limits suitable for bearing trees.
	Cor. established 50 ft. above head of canon; continue asc.
45.30	Spur, projects N., 110 ft. above ¼ sec. cor.; desc.
51.50	Ravine, drains NE., 150 ft. below spur; asc.
70.90	Ridge, bears NW. and SE., 210 ft. above ravine; desc.
79.88	The cor. of secs. 20 and 29, on the E. bdy. of sec. 30.
	Land, mountainous.
	Soil, light clay and gravel, shallow and rocky.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, dense sagebrush and grass.
	General northern exposure. Granite and conglomerate

Chains.	
	formation. Good grazing.
	From the cor. of secs. 17 and 20, which is set on the E. bdy. of sec. 19, with a northing of 80.00 chs. from the cor. of secs. 20 and 29, which is
	An iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, with brass cap mkd. for cor. of secs. 17 & 20.
	T 11 S S 19 | S 17 / S 20 R 1 W 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
	N. 89° 52' E., on random line bet. secs. 17 and 20.
48.00	Computed measurement. Set temp. ¼ sec. cor.
88.04	Fall 3 lks. S. of the cor. of secs. 16, 17, 20 and 21.
	S. 89° 51' W., on true line bet. secs. 17 and 20.
	Desc. over rolling mountainous land, through scattering scrub cedar and pinon timber, dense sagebrush under-growth.
12.00	Ravine, drains NW., 175 ft. below sec. cor.; asc.
17.00	Spur, projects NW., 30 ft. above ravine; desc.
32.60	Hell Hole Canon, drains NW., 140 ft. below spur; asc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, on solid rock, in large mound of stone, for the ¼ sec. cor., with brass cap mkd.
	¼ S 17 / S 20 1921
	At base of post, deposit a trachyte, 8x8x3 ins., mkd. X on one face.
	No trees within limits suitable for bearing trees.
	Cor. established 120 ft. above canon; continue asc.
45.40	Ridge, bears N. and S., 120 ft. above ¼ sec. cor.; desc.
69.50	Slate Canon, drains N., 425 ft. below ridge; asc.
76.50	Ridge, bears N. and S., 160 ft. above Slate Canon; desc.
88.04	The cor. of secs. 17 and 20, on the E. bdy. of sec. 19.

Chains.

Land, mountainous.

Soil, light clay and gravel, shallow and rocky.

Timber, scattering scrub cedar and pinon.

Undergrowth, dense sagebrush and grass.

General northern exposure. Conglomerate and granite formation. Good grazing.

LATITUDES, DEPARTURES, AND CLOSING ERRORS, T. 11 S., R. 1 W.

Lines Designated.	True Bearings.	Distances.	Latitudes. N.	Latitudes. S.	Departures. E.	Departures. W.
		chs.	chs.	chs.	chs.	chs.
W.Bdy.T11N R.1 W.	N. 0°18'E.	49.84	49.84	.....	.26	.....
"	N. 0°12'E.	39.86	39.86	.....	.14	.....
"	N. 0°26'E.	41.61	41.61	.....	.31	.....
"	N. 0°03'W.	39.99	39.99	.....	.....	.03
"	N. 0°28'E.	40.15	40.15	.....	.33	.....
"	N. 0°19'W.	123.21	123.21	.....	.....	.68
Bet.Secs.7 & 18.	N.88°24'E.	80.18	2.24	.....	80.15	.....
Bet.Secs.7 & 8.	N.0° 10'E.	80.00	80.00	.....	.23	.23
Bet.Secs.5 & 8.	N.89°43'E.	79.96	.40	.....	79.96	.....
Bet.Secs.4 & 5.	N.2° 08'E.	80.06	80.00	.....	2.98	.....
N.Bdy.Sec.4.	N.88°15'E.	80.20	2.45	.....	80.16	.....
Bet.Secs.3 & 4.	S. 0°31'E.	80.35	.....	80.35	.72	.....
Bet.Secs.9 & 10.	S. 0°29'E.	78.62	.....	78.62	.66	.....
W. Bdy. Sec. 15.	S. 0°26'W.	82.50	.....	82.50	.....	.62
W. Bdy. Sec. 22.	S. 1°26'E.	86.07	.....	86.04	2.15	.....
W. Bdy. Sec. 27.	S. 1°41'E.	81.48	.....	81.44	2.39	.....
W. Bdy. Sec. 34.	S. 1°42'W.	39.31	.....	39.29	.....	1.17
W. Bdy. Sec. 34.	S. 0°41'E.	40.29	.....	40.29	.48	.....
S. Bdy. Sec. 34.	N.88°58'E.	5.53	.10	.....	5.53	.....
E. Bdy. Sec. 33.	South.	7.60	.....	7.60	.....	.....
N.Bdy.T12S R.1 W.	West,	81.64	.....	.....	.....	81.64
S.Bdy.T11S R.1 W.	S.88°30'W.	39.92	.....	1.05	.....	39.91
"	S.88°26'W.	39.67	.....	1.08	.....	39.66
"	S.88°46'W.	39.59	.....	.85	.....	39.58
"	S.88°08'W.	39.36	.....	1.28	.....	39.34
"	S.89°21'W.	13.72	.....	.16	.....	13.72
Convergency, . . .		.....	.....	.....	.25	.....
Totals, ...			499.85	500.55	256.47	256.35
				499.85	256.35	
Error in latitude, ...				.70	.12	
Error in departure, ...						

Error in latitude and departure, 1 in 1650.

GENERAL DESCRIPTION.

The fraction of the township surveyed under this Group is located on the range of mountains shown on the State map as the Olong Ridge, which forms the southern boundary of Utah Valley. This township is located approximately six miles from Goshen, Utah, in a southwesterly direction. By road the distance is approximately

twelve miles. Goshen is a town on the Eureka Branch of the Denver & Rio Grande Railroad. The township is also located approximately five miles from the town of Mona, on the Los Angeles & Salt Lake Railroad, but the approach from Goshen is by far the better.

The land is rough and mountainous, and reaches an elevation of approximately 6000 ft. above sea level. It is bounded on the west and north by Goshen Valley, which, taking in the whole, is Utah Valley; on the East by Juab Valley. Standing out in these valleys and viewing the Olong Ridge at a distance, it would seem that the land is rolling in character, but as the ridge is approached from either side, and upon entering the canons and ravines, the land takes on an entirely different aspect. The land is rough, the canons and ravines are deep with steep and rock sides.

The soil is mostly of light clay and gravel, shallow and rocky, and fourth rate. All the valley lands in this township had been previously surveyed.

The ridges are mostly covered with scattering scrub cedar and pinon timber having no commercial value. The primeval growth having been cut at an early date for fence posts and fuel; hence the reason for the numerous old roads which have become impassable for team at this time. Dense sagebrush and grass cover the entire country, affording ample feed for cattle and sheep, for which the land is best adapted. There are a few cottonwood trees and a rank growth of squaw brush in the vicinity of the springs in Cottonwood and Slate Canons, and Hell Hole.

A portion of Hancock Bros'. ranch is located in Secs. 7, 18 and 19, the cleared portion of which produces an average crop of dry land grain. The cleared land and fences are the only improvements in this surveyed portion of the township. There are no settlers.

The springs and their locations in this half of the township are as follows:

A small spring is located in the SE¼ of Sec. 18. This spring was developed by Hancock Bros. by tunneling into a low ridge approximately 100 ft., and piping the entire flow to a trough located in the NW¼ of the NW¼ of Sec. 18, and used for stock water.

A fair size seep is located in the SW¼ of sec. 30, in Cottonwood Canon; this spring at present is only a mud hole, but it is believed a copious amount of water could be developed at this point. Another spring is located in Cottonwood Canon in the NE¼ of sec. 30, which in the wet season flows to the mouth of the canon in the SW¼ of sec. 19, but during the hot summer months the ravages of the dry desert air make inroads on the none tooplentiful moisture, and it only flows a few hundred feet from its source.

Another spring, and the largest in the township, is located in Slate Canon in the SW¼ of sec. 20, and this, like the one in Cottonwood Canon, flows perhaps a half mile before drying. There is also a showing of water in Hell Hole in the E½ of sec. 17, which flows through the "gap" and into Slate Canon in the wet season. I have been informed there is a spring in Spring Canon, but was unable to find it.

The sedimentary rock is chiefly quartzite overlain by limestone including a small amount of shale. The igneous rock is intrusive porphyry, especially in the northern portion.

There are indications of mineral in sec. 9. Several attempts have been made to tunnel into the ridges on the north slopes facing Goshen Valley, however, to date no mineral has been found and the workings have apparently been abandoned for some years. After considerable inquiry, I was unable to ascertain to whom the working belonged.

Therefore, I do not recommend that any part of this township be set aside as mineral land.

Due to a defective magnetic needle I was unable to determine the magnetic declination in this township.

Jos. C. Thoma

U. S. Cadastral Engineer.

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Page

BOOK A-454

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Melvin H. Lewis	First Chainman.
Vernon L. Bell	Second Chainman.
Collin Matheson	Flagman.
T. W. Stone	Cornerman.
Lucian Y. Ray	Axeman.

6—2764

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~. Cadastral Er

I, Jos. C. Thoma, U. S. Cadastral Engineer, 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 16th day of January, 191 9, 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 the west boundary; two miles of the south boundary; three miles of the Second Standard Parallel South, forming the North Boundary; resurve of a portion and the survey of a portion of the subdivision of T. 11 S., R. 1 W. of the Salt Lake Base and Meridian, in the State of Utah, which are represented in 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.

Dated: Salt Lake City, Utah, this 1st day of March, 1922.

Jos. C. Thoma
U. S. Cadastral Engineer
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

December 28, 1922, 19~~XX~~

The foregoing field notes of the ~~xxxxxx~~ resurvey of the west boundary; two miles of the south boundary; three miles of the Second Standard Parallel South, forming the north boundary; resurvey of a portion, and the survey of a portion of the subdivision of Tp. 11 S., R. 1 W. of the Salt Lake Base and Meridian,

executed by Joseph C. Thoma, U.S. Cadastral Engineer

under ~~his~~ special instructions dated January 16, 1919, 19~~XX~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

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

U. S. Surveyor General.

6—2764

FEB 24 1922
SALT LAKE CITY, U.

4—679

BOOK A-454

A

FIELD NOTES

OF THE SURVEY OF THE

South, East and North Boundaries and the Subdivision, and the Retracement and the Resurvey of the West Boundary of

T. 18 S., R. 21 E.

Of the Salt Lake Base and *Meridian,*

In the State of Utah.

EXECUTED BY

J. C. Clark, U. S. Surveyor.

Walter H. Good, U. S. Transitman.

In the capacity of U. S. Surveyor, under Special Instructions dated February 7, 19[illegible], *issued by the United States Surveyor General to govern surveys included in Group No.* 86, *which were approved by the Commissioner of the General Land Office,* March 25, 1921, *and Assignment Instructions dated* June 1, 1921.

Survey commenced June 24, 1921.

Survey completed August 31, 1921.

6—151

BOOK A-454

INDEX DIAGRAM.

Township 18 South, *Range* 21 East.

	39	40	42	43	45	46	
6	17 6 13 135	8 5 11 134	2 4 9 110	6 3 8 94	0 2 6 78	4 1 3 63	7
5	15 7 13 130	2 8 10 129	9 9 9 107	3 10 7 91	7 11 6 75	1 12 3 60	6
5	13 18 12 125	7 17 10 124	6 16 9 104	0 15 7 89	4 14 5 72	8 13 3 57	4
5	11 19 12 121	3 20 10 120	3 21 8 101	7 22 7 85	1 23 5 69	5 24 3 53	3
5	8 30 11 116	8 29 10 115	0 28 8 98	4 27 6 83	8 26 5 67	1 25 3 49	1
4	6 31 11 28	3 32 9 27	7 33 8 25	1 34 6 24	5 35 4 22	8 36 3 20	0

BOOK A-454

4—679 b

INDEX DIAGRAM.

Township 18 S, Range 21 E

174	178	188	181	183	184
6 276	5 250	4 234	3 218	2 202	1 175
273	272	248	233	216	201
7 270	8 297	9 231	10 215	11 199	12 174
268	267	245	229	213	198
18 265	17 244	16 228	15 212	14 196	13 172
263	262	243	227	210	195
19 261	20 241	21 225	22 209	23 193	24 171
259	258	239	223	207	191
30 257	29 238	28 222	27 206	26 189	25 169
254	253	236	221	205	187
31 251	32 235	33 219	34 203	35 186	36 168
166	165	163	162	160	159

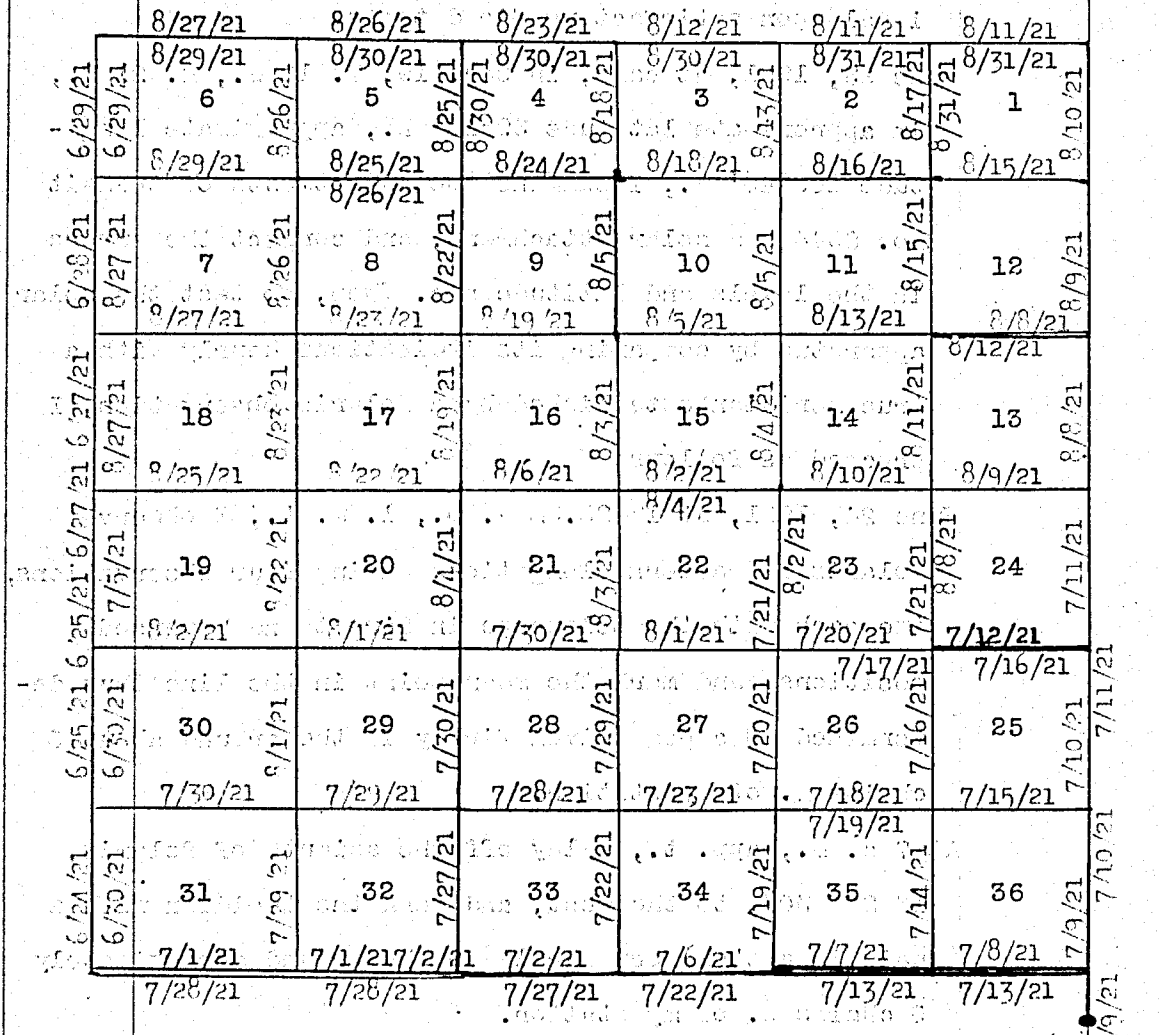
135
134
133
143
131
143
149
143
146
143
144
142

6—1817

DATE DIAGRAM

OF

T. 18 S., R. 21 E.



Lines dated and colored in black were surveyed by J. C. Clark, U. S. Surveyor.

Lines dated and colored in red were surveyed by Walter H. Good, U. S. Transitman.

Survey commenced June 24, 1921, and executed jointly by J. C. Clark, U. S. Surveyor, and Walter H. Good, U. S. Transitman, with Young and Sons transits Nos. 8544 and 8513, respectively. The instruments are equipped with Smith solar attachments and full vertical circles; the horizontal limbs being provided with two double ver-

niers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude, declination and vertical circles.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for District No. 6, in assignment Instructions dated June 1, 1921, conditional upon satisfactory field tests.

June 23, 1921, at camp, in sec. 19, T. 18 S., R. 21 E., in approximate latitude 39°14' N., approximate longitude 109°40' W., I examine the adjustments of transit No. 8544 and solar attachment, and correct the errors in the levels and latitude arc. Then, to test the solar apparatus by comparing its indications hourly with a true meridian established by a Polaris observation, I proceed as follows:

June 24, 1921, at 1h 28.3m a. m., l. m. t., 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 on a peg driven firmly in the ground about 5 chains N. of my station.

At 7 a. m., app. t., I lay off the azimuth of Polaris, 1° 26' 30", to the west, and mark the meridian with a nail in a stake set firmly in the ground approximately 5 chains N. of my station.

At 9h 0m a. m., app. t., I set off 39°14' N., on the lat. arc; 23°26' N., on the decl. arc; and determine a meridian with the solar which I find falls 1' 30" west of the meridian established by the Polaris observation.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 23° 25' 30" N., which agrees with the computed declination of the sun.

At 3h 0m p. m., app. t., with the lat. arc unchanged, I set off 23°25'.5 N., on the decl. arc; and determine a

meridian with the solar which falls less than 2' east of the line obtained by the Polaris observation.

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

June 17, 1921, at camp in sec. 16, T. 18 S., R. 20 E., in approximate latitude 39°15' N., approximate longitude 109°43' W., I examine the adjustments of instrument No. 8513 and solar attachment, and correct all errors. I then test the solar apparatus by comparing its indications hourly with a true meridian established by a Polaris observation as follows:

June 18, 1921, at 1h 51.8m a. m., l. m. t., 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, on a hub driven firmly in the ground, approximately 5 chains N. of my station.

At 7 a. m., app. t., I lay off the azimuth of Polaris, 1° 26' 30", to the west, and mark the meridian with a tack on a peg driven firmly in the ground about 5 chains N. of my station.

At 9h. 0m a. m., app. t., I set off 39°15' N., on the lat. arc; 23°25' N., on the decl. arc; and determine a meridian with the solar which practically coincides with the line obtained by the Polaris observation.

At app. noon, I set off 23°25' N., on the decl. arc, and observe the sun on the meridian; the resulting reading of the lat. arc is 39°15' N., which agrees with the computed lat.

At 3h 0m p. m., app. t., with the lat. arc unchanged, I set off 23°25' N., on the decl. arc; and note that the line determined with the solar agrees with the true meridian.

As all of the tests during the hours suitable for solar

Chains.

work practically coincide with the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Meridians were also established by observations on Polaris July 5, August 13, and August 20, in camps in secs. 21, 10 and 17, respectively; observations for latitude and declination were taken whenever practicable, and from repeated tests of the solar attachments on the Polaris meridians, the instruments were known to be in adjustment during the survey of this township.

All measurements were taken with five chain Lallie steel tapes which were compared frequently with a Lufkin standard one chain steel tape kept for this purpose only; and the distances measured on the slope were reduced to the horizontal by using Dietzgen, and Keuffel-Esser clinometers.

The observed average magnetic bearing of the true meridian throughout the township is N.15°55'W., which gives the magnetic declination 15°55' E.

For tests of instruments at the completion of this township, see tests at the beginning of finished field notes of the survey of T. 17 S., R. 21 E.

Retracement of the West Boundary of T. 18 S., R. 21 E.
Green River Guide Meridian.

From the cor. of Tps. 18 and 19 S., Rs. 20 and 21 E., hereinafter described,

North on a retracement line bet. secs. 31 and 36, along the W. bdy. of T. 18 S., R. 21 E.

39.33 Fall 87 lks. E. of the ¼ sec. cor., hereinafter described.

Continue on same line.

79.08 Fall 149 lks. E. of the true point for cor. of secs. 25, 30, 31 and 36, hereinafter described as established from bearing trees.

The bearing of the S. half mile is N.1°16'W., and the distance is 39.34 chs.; and the bearing of the N. half mile is N.0°54'W., and the distance is 39.76 chs.

Retracement of the West Boundary of T. 18 S., R. 21 E.

Chains.	Green River Guide Meridian.
	From the true point for cor. of secs. 25, 30, 31 and 36, North on a retracement line bet. secs. 25 and 30.
40.07	Fall 70 lks. E. of the ¼ sec. cor., hereinafter described.
	Continue on same line.
80.92	Fall ½ lk. E. of the cor. of secs. 19, 24, 25 and 30, hereinafter described.
	The bearing of the S. half mile is N.1°0'W., and the distance is 40.08 chs.; and the bearing of the N. half mile is N.0°59'E., and the distance is 40.86 chs.
	From the cor. of secs. 19, 24, 25 and 30, North on a retracement line bet. secs. 19 and 24.
37.86	Fall 177 lks. E. of the ¼ sec. cor., hereinafter described.
	Continue on same line.
76.16	Fall 167 lks. E. of the cor. of secs. 13, 18, 19 and 24, hereinafter described.
	The bearing of the S. half mile is N.2°41'W., and the distance is 37.90 chs.; and the bearing of the N. half mile is N.0°09'E., and the distance is 38.30 chs.
	From the cor. of secs. 13, 18, 19 and 24, North on a retracement line bet. secs. 13 and 18.
40.38	Intersect the ¼ sec. cor., hereinafter described.
	Continue on same line.
80.00	Unable to find any trace of cor. of secs. 7, 12, 13 and 18, after diligent search. Set temp. sec. cor.
	The bearing of the S. half mile is north, and the distance is 40.38 chs.
	From the temp. cor. of secs. 7, 12, 13 and 18, North on a retracement line bet. secs. 7 and 12.
37.90	Fall 50 lks. E. of the ¼ sec. cor., hereinafter described.

Retracement of the West Boundary of T. 18 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	Therefore, the bearing of the line bet. the ¼ cor. of secs. 13 and 18, and the ¼ cor. of secs. 7 and 12 is N.0°22'W., and by proportionate measurement the length of each half mile is 38.76 chs.
	Continue north on retracement line from ¼ cor. of secs. 7 and 12.
77.49	Fall 82 lks. W. of cor. of secs. 1, 6, 7 and 12, hereinafter described.
	The bearing of the N. half mile bet. secs. 7 and 12 is N.1°11'E., and the distance is 39.60 chs.
	From the cor. of secs. 1, 6, 7 and 12,
	North on a retracement line bet. secs. 1 and 6.
39.80	Fall 66 lks. E. of the ¼ sec. cor., hereinafter described.
	Continue on same line.
77.81	Fall 47 lks. E. of the cor. of Tps. 17 and 18 S., Rs. 20 and 21 E., hereinafter described.
	The bearing of the S. half mile is N.0°57'W., and the distance is 39.80 chs.; and the bearing of the N. half mile is N.0°17'E., and the distance is 38.01 chs.

Resurvey of the West Boundary of T. 18 S., R. 21 E.
Green River Guide Meridian.

	From the cor. of Tps. 18 and 19 S., Rs. 20 and 21 E., in lat. 39°12' N. and longitude 109°40' W., which is a sandstone 24X10X10 ins. above ground, firmly set, correctly marked and witnessed as described by the Surveyor General,
	N.1°16'W. on a resurvey line bet. secs. 31 and 36, along the W. bdy. of T. 18 S., R. 21 E.
	Desc. 80 ft. over N. slope, through dense aspen and spruce.
3.80	Dry wash, 12 lks. wide, 6 ft. deep, in the bottom of ravine, course W.; asc. 340 ft.
5.70	Leave heavy timber, bears N. and S., and enter scattering.

Resurvey of the West Boundary of T. 18 S., R. 21 E.
Green River Guide Meridian.

Chains.	
6.20	Enter a medium growth of oak brush, bears N. and S.
18.10	Spur, projects W. approximately 10.00 chs. dist.; desc. 245 ft. over abrupt N. slope.
26.80	Ravine, course W.; asc. 185 ft. to
39.34	The ¼ sec. cor. which is a sandstone, 18X10X6 ins., loosely set 3 ins. in the ground, correctly marked, and witnessed as described by the Surveyor General. At the same point I reset the marked stone 12 ins. in the ground for the ¼ cor. of sec. 36, only, from which the original bearing tree in sec. 36, A spruce, 12 ins. diam., bears S.26°W., 32 lks. dist., marked ¼ S 36 B T. A spruce, 7 ins. diam., bears N.63°45'W., 82 lks. dist., marked ¼ S 36 B T. I destroy the markings pertaining to sec. 31, on the original NE. bearing tree. From this cor. the course changes from N.1°16'W. to N.0°54'W.
40.00	Northing from the cor. of Tps. 18 and 19 S., Rs. 20 and 21 E., on a rough SW. slope, 25 ft. above ¼ cor. of sec. 36, set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed-rock and surrounded by a mound of stone for ¼ cor. of sec. 31, only, with brass cap mkd: ¼ S 31 / 1921 from which, A cedar, 20 ins. diam., bears N.0°45'E., 41 lks. dist., marked ¼ S 31 B T. A spruce, 24 ins. diam., bears S.61°E., 67 lks. dist., marked ¼ S 31 B T.
49.50	Ridge, 25 ft. above ¼ cor. of sec. 31, bears NW. and SE.; abrupt descent of 630 ft. to witness cor. of secs. 25 and 36, through heavy aspen, spruce and dense oak brush, bearing NW. and SE.
75.40	Leave timber and undergrowth, bears NW. and SE.
78.34	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.

Resurvey of the West Boundary of T. 18 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	in the ground for witness cor. of secs. 25 and 36, only, with brass cap mkd:

WC
T18S | T18S
S25 | R21E
S36 | S31
R20E | 1921

from which,

A spruce, 30 ins. diam., bears S.52°30'W., 45 lks. dist., marked W C T 18 S R 20 E S 36 B T.

An aspen, 6 ins. diam., bears N.49°45'W., 70 lks. dist., marked W C T 18 S R 20 E S 36 B T.

79.00 S. edge of wash, bears NW. and SE., 5 ft. below witness cor.

79.10 The true point for cor. of secs. 25 and 36 falls in the wash, as established from the original bearing trees as follows:

An aspen, 7 ins. diam., bears N.26°E., 105 lks. dist., marked T 18 S R 21 E S 30 B T.

A spruce, 30 ins. diam., bears S.21°W., 108 lks. dist., marked T 18 S R 20 E S 36 B T.

I destroy the markings pertaining to T. 18 S., R. 21 E., on the originalbearing tree in sec. 30.

Land; line passes along the steep and rough E. side of She Canyon.

Soil; dark sandy loam and a black vegetable loam, shallow on ridges and spurs, but deeper in draws and ravines, lying on bed-rock.

Timber; aspen, spruce, balsam and cedar.

Undergrowth; scattering to a dense growth of oak brush and service-berry bushes.

Formation; light sandstone.

Drainage W. to She Canyon. Fair growth of grass.

From the true point for cor. of secs. 25 and 36, N.1°0'W. on a resurvey line along the E. bdy. of sec. 25.

Desc. 5 ft.

0.10 Creek of clear water, 2 lks. wide, 1 in. deep, in the bottom of the wash, 7 ft. deep, at the mouth of ravine, course W.; asc. 7 ft. to cor. of secs. 30 and 31.

Resurvey of the West Boundary of T. 18 S., R. 21 E.

Green River Guide Meridian.

Chains.	
0.20	N. edge of the wash, bears NW. and SE.; over nearly level bottom of ravine.
0.92	Northing of 80.00 chs. from the cor. of Tps. 18 and 19 S., Rs. 20 and 21 E., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 30 and 31, with brass cap mkd:

T18S | T18S
R20E | S30
S25 | S31
1921 | R21E

from which,

An aspen, 7 ins. diam., bears N.57°E., 68 lks. dist., marked T 18 S R 21 E S 30 B T.

An aspen, 5 ins. diam., bears S.36°15'E., 41 lks. dist., marked T 18 S R 21 E S 31 B T.

1.00	Leave bottom of ravine, asc. 20 ft. over S. slope.
1.20	Enter a medium growth of aspen and spruce, bears E. and W.
4.60	Spur, slopes W. about 1.50 chs. dist.; desc. 35 ft.
17.50	Leave timber and enter dense growth of willows, bears NE. and SW., at the base of descent, bearing NE. and SW.; over nearly level bottom of canyon.
26.50	Creek of muddy water, 15 lks. wide, 1 ft. deep, in wash, 30 lks. wide, 8 ft. deep, in the bottom of She Canyon, course NE.
26.90	Leave willows, bears NE. and SW.
35.70	Enter dense sagebrush, bears NE. and SW.
40.08	The ¼ sec. cor. which is a sandstone, 16X10X8 ins., loosely set, correctly marked, and witnessed by a mound of stone as described by the Surveyor General. I reset the marked stone at the same point, 12 ins. in the ground for the ¼ cor. of sec. 25, only,

from which,

An aspen, 8 ins. diam., bears S.50°45'W., 60 lks. dist., marked ¼ S 25 B T.

An aspen, 6 ins. diam., bears N.77°45'W., 167 lks. dist., marked ¼ S 25 B T.

From this cor. the course changes from N.1°0'W. to N.0°59'E.

Chains.	
40.93	Northing of 40.00 chs. from the cor. of secs. 30 and 31, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 30, only, with brass cap mkd:
	¼ S 30 1921
	from which,
	An aspen, 10 ins. diam., bears N.32°E., 290 lks. dist., marked ¼ S 30 B T.
	As there is no other tree available in sec. 30, I raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
42.40	Stream of clear water, 1 lk. wide, 2 ins. deep, in wash, 25 lks. wide, 10 ft. deep, at the mouth of ravine, course E.
43.90	Leave bottom of canyon; asc. 275 ft. over abrupt and rough S. slope.
44.10	Leave sagebrush, bears E. and W., and enter scattering spruce, balsam and oak brush.
49.10	Top of sloping ledge, 40 ft. high, bears W. and E. 1.00 ch. dist., thence N.10°E.
57.30	Spur, slopes E. about 20.00 chs. dist.; desc. gradually 15 ft.
64.10	Desc. more abruptly 300 ft. through a medium growth of aspen, spruce, balsam and oak brush, bearing E. and W.
71.30	Head of ravine, course E.; asc. 130 ft. to sec. cor.
71.90	Vertical ledge, 30 ft. high, bears N.70°W. and S.70°E.
80.94	Northing of 80.00 chs. from the cor. of secs. 30 and 31, the cor. of secs. 19, 24, 25 and 30, which is a stationary sandstone boulder, 10X8X6 ft., marked on top at the exact cor. point with a cross (X), and also marked with 2 notches on the S. and 4 notches on the N. edges, but unable to find any accessories. I witness the cor. as follows:
	A yellow pine, 20 ins. diam., bears N.42°E., 75 lks. dist., marked T 18 S R 21 E S 19 B T.
	A yellow pine, 40 ins. diam., bears S.49°30'E., 163 lks. dist., marked T 18 S R 21 E S 30 B T.

Chains.	Green River Guide Meridian.
	A mahogany, 6 ins. diam., bears S.51°30'W., 59 lks. dist., marked T 18 S R 20 E S 25 B T.
	A pinon pine, 8 ins. diam., bears N.58°W., 92 lks. dist., marked T 18 S R 20 E S 24 B T.
	Land; abrupt and rough E. and W. sides of She Canyon.
	Soil; dark sandy loam, rocky and shallow on spurs, but deeper in ravines, lying on bed-rock; black loam several ft. deep in the bottom of She Canyon.
	Timber; aspen, spruce, balsam, mahogany, pinon and yellow pine.
	Undergrowth; oak, sagebrush and willows;
	Formation; outcroppings of light and red colored sandstone.
	S. 25.60 chs. drains NW. and the N. 55.34 chs. drains E. into She Canyon.
	Fair growth of grass on slopes; excellent grazing in the bottom of She Canyon.
	N.2°41'W. on a resurvey line bet. secs. 19 and 24.
	Asc. abruptly 65 ft., over rough S. slope, through a medium growth of mahogany, spruce, pinon pine and oak brush.
3.10	Spur, slopes E. about 15.00 chs. dist.; desc. abruptly 175 ft.
3.30	Enter heavy aspen, bears E. and W.
12.60	Head of draw, course SE.; asc. 400 ft.
31.20	Spur, slopes E. approximately 25.00 chs. dist.; desc. abruptly 235 ft.
37.00	Ravine, course E.; asc. 15 ft. to
37.90	The $\frac{1}{4}$ sec. cor. which is a sandstone, 12X12X8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to sec. 24, only, I destroy the markings on the bearing tree in sec. 19, and witness the cor. as follows:
	A yellow pine, 12 ins. diam., bears S.1°30'W., 29 lks. dist., marked $\frac{1}{4}$ S 24 B T.

Resurvey of the West Boundary of T. 18 S., R. 21 E.

Chains.	Green River Guide Meridian.
	The original bearing tree which is
	A yellow pine, 8 ins. diam., bears S.70°W., 33 lks. dist., marked ¼ S 24 B T.
	From this cor. the course changes from N.2°41'W. to N.0°09'E.
40.04	On a S. slope, 10 ft. above ¼ cor. of sec. 24, set an post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 19, only, with brass cap mkd: ¼ S 19 / 1921
	from which,
	A yellow pine, 6 ins. diam., bears N.39°15'E., 9 lks. dist., marked ¼ S 19 B T.
	A yellow pine, 8 ins. diam., bears S.62°45'E., 50 lks. dist., marked ¼ S 19 B T.
40.80	Spur, 10 ft. above ¼ cor. of sec. 19, slopes E. about 12.00 chs. dist.; desc. abruptly 275 ft.
47.60	Ravine, course E.; asc. 80 ft.
48.00	Leave heavy timber, bears E. and W., and enter scattering.
54.40	Top of sloping ledge, 20 ft. high, bears N.60°E. and S.60°W.
55.50	Spur, slopes NE.; desc. abruptly 510 ft.
56.10	Enter heavy aspen, balsam and mahogany, and dense oak brush and service-berry bushes, bears NE. and SW.
74.10	Creek of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, course NE.; asc. 20 ft. to cor. of secs. 13 and 24.
74.30	Leave heavy timber, bears NE. and SW., and enter scattering.
76.20	The sec. cor. which is a sandstone, 16X12X10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to secs. 13 and 24, R. 20 E., I destroy the markings on the bearing trees pertaining to secs. 18 and 19, R. 21 E.
	Land; steep and rough E. slope of She Canyon.
	Soil; dark sandy loam, rocky and shallow on spurs, 1 to

Chains.	Green River Guide Meridian.
	2 ft. deep, in the bottom of ravines, lying on bed-rock.
	Timber; aspen, spruce, yellow pine, balsam, pinon pine and mahogany.
	Undergrowth; oak brush, service-berry bushes and young mahogany.
	Formation; outcroppings of light and red colored sandstone.
	General drainage E. to She Canyon.
	Fair growth of grass.
	North on a resurvey line along the E. bdy. of sec. 13.
	Over rough mountainous land, through scattering aspen, spruce, yellow pine, mahogany and dense oak brush.
1.30	Top of sloping ledge, 30 ft. high, bears NE. and SW.
3.84	Northing of 80.00 chs. from the cor. of secs. 19, 24, 25 and 30, on a S. slope, 85 ft. above cor. of secs. 13 and 24, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed-rock and surrounded by a mound of stone for cor. of secs. 18 and 19, only, with brass cap mkd:

T18S	T18S
R20E	S18
S13	S19
	R21E
1921	

from which,

A spruce, 24 ins. diam., bears N.33°15'E., 59 lks. dist., marked T 18 S R 21 E S 18 B T.

An aspen, 4 ins. diam., bears S.30°E., 76 lks. dist., marked T 18 S R 21 E S 19 B T.

5.80	Top of sloping ledge, 40 ft. high, bears N.70°E. and S.70°W.
16.00	Spur, 130 ft. above cor. of secs. 18 and 19, slopes E.; desc. 305 ft.
23.50	Ravine, course NE.; asc. 195 ft. to $\frac{1}{4}$ cor. of sec. 13.
26.10	Vertical ledge, 20 ft. high, bears NE. and SW.
40.38	The $\frac{1}{4}$ sec. cor. which is a sandstone, 12X8X6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to

Resurvey of the West Boundary of T. 18 S., R. 21 E.

Chains. Green River Guide Meridian.

sec. 13, only, I destroy the markings on the original bearing tree in sec. 18, and witness the cor. as follows:

A yellow pine, 14 ins. diam., bears S.69°45'W., 43 lks. dist., marked ¼ S 13 B T.

The original bearing tree which is

An aspen, 7 ins. diam., bears N.25°W., 11 lks. dist., marked ¼ S 13 B T.

From this cor. the course changes from north to N.0°22'W.

43.84 Northing of 40.00 chs. from the cor. of secs. 18 and 19, on a SE. slope, 10 ft. above ¼ cor. of sec. 13, set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed-rock and surrounded by a mound of stone for ¼ cor. of sec. 18, only, with brass cap mkd:

¼ S 18
1921

from which

A spruce, 12 ins. diam., bears N.45°30'E., 87 lks. dist., marked ¼ S 18 B T.

A yellow pine, 30 ins. diam., bears S.41°45'E., 149 lks. dist., marked ¼ S 18 B T.

50.00 Spur, 55 ft. above ¼ cor. of sec. 18, slopes NE. 20.00 chs.; desc. abruptly 395 ft.

50.20 Enter heavy aspen, bears NE. and SW.

59.00 Top of sloping ledge, 50 ft. high, bears NE. and SW.

63.00 Creek, 3 lks. wide, 2 ins. deep, in the bottom of ravine, course NE.; asc. 115 ft. to cor. of secs. 12 and 13.

63.20 Enter heavy balsam and spruce, bears NE. and SW.; undergrowth becomes more dense.

66.60 Aspen becomes more scattering.

70.50 Vertical ledge, 40 ft. high, bears N. and SW.

78.00 Vertical ledge, 30 ft. high, bears NW. and SE.

79.14 Proportionate measurement.

On a S. slope, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed-rock and surrounded by a mound of stone for cor. of secs. 12 and 13, only,

Resurvey of the West Boundary of T. 18 S., R. 21 E.

Chains. Green River Guide Meridian.

with brass cap mkd:

T18S S12 S13 R20E	T18S R21E S18 1921

from which,

A yellow pine, 6 ins. diam., bears S.82°30'W., 55 lks. dist., marked T 18 S R 20 E S 13 B T.

An oak, 6 ins. diam., bears N.29°W., 14 lks. dist., marked T 18 S R 20 E S 12 B T.

Land; line passes along the abrupt and rough W. side of She Canyon.

Soil; dark sandy loam, shallow and rocky on spurs, but deeper in the bottom of ravines, lying on bed-rock.

Timber; aspen, spruce, balsam, yellow pine and mahogany.

Undergrowth; oak brush.

Formation; outcroppings of light and red sandstone.

Drainage NE. to She Canyon.

Fair growth of grass.

N.0°22'W. on a resurvey line along the E. bdy. of sec. 12.

Asc. gradually 15 ft., through a medium growth of aspen, spruce, balsam, oak brush and scattering pinon pine, cedar and service-berry bushes.

4.70 Northing of 80.00 chs. from the cor. of secs. 18 and 19, on top of spur, projecting E. about 10.00 chs. dist., set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 7 and 18, only, with brass cap mkd:

T18S R20E S12	T18S S7 S18 R21E 1921

from which,

A yellow pine, 10 ins. diam., bears N.57°E., 140 lks. dist., marked T 18 S R 21 E S 7 B T.

Resurvey of the West Boundary of T. 18 S., R. 21 E.

Chains.	Green River Guide Meridian.
	A yellow pine, 12 ins. diam., bears S.53°E., 97 lks. dist., marked T 18 S R 21 E S 18 B T.
	From this cor. desc. abruptly 125 ft.
8.50	Leave timber and oak brush, bears E. and W., and enter dense sagebrush, bearing NE. and SW.
8.70	Ravine, course E.; asc. 55 ft.
9.30	Leave sagebrush, bears NE. and SW., and enter scattering choke cherry bushes, young mahogany, service-berry bushes and dense oak brush.
10.30	Top of sloping ledge, 30 ft. high, bears E. and W.
13.70	Spur, slopes E. about 10.00 chs. dist.; desc. 215 ft., through scattering aspen, yellow pine, spruce and balsam, bearing E. and W.
25.30	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course E.; asc. 215 ft.
27.70	Spur, slopes E. about 1.00 ch. dist.; desc. 135 ft.
32.10	Ravine, course E.; asc. 155 ft. to the ¼ cor. of sec. 12.
32.20	Enter heavy aspen, balsam, mahogany and spruce, bears E. and W.
38.76	The ¼ sec. cor. which is a sandstone, 12X10X4 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to sec. 12, only, I destroy the markings on the bearing tree in sec. 7, and witness the cor. as follows:
	A yellow pine, 8 ins. diam., bears S.74°15'W., 70 lks. dist., marked ¼ S 12 B T.
	A spruce, 8 ins. diam., bears N.13°15'W., 99 lks. dist., marked ¼ S 12 B T.
	From this cor. the course changes from N.0°22'W. to N.1°11'E.
44.70	Northing of 40.00 chs. from the cor. of secs. 7 and 18, on the top of spur, 70 ft. above the ¼ cor. of sec. 12, and sloping E. about 10.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 7, only, with brass cap mkd:

Resurvey of the West Boundary of T. 18 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	$\frac{1}{4}$ S 7 / 1921
	from which,
	A yellow pine, 12 ins. diam., bears N.86°15'E., 151 lks. dist., marked $\frac{1}{4}$ S 7 B T.
	A yellow pine, 24 ins. diam., bears S.28°30'E., 120 lks. dist., marked $\frac{1}{4}$ S 7 B T.
	From this cor. desc. gradually 30 ft.
49.60	Draw, course E.; asc. gradually 80 ft.
50.20	Timber becomes more scattering, bearing E. and W.
56.50	Spur, slopes E. approximately 10.00 chs. dist.; desc. 30 ft.
59.50	Draw, course E.; asc. 50 ft.
63.50	Vertical ledge, 30 ft. high, bears NE. and SW.
68.00	Spur, slopes E. about 10.00 chs. dist.; desc. 140 ft.
72.40	Head of ravine, course E.; asc. 45 ft. to the cor. of secs. 1 and 12.
78.36	The sec. cor. which is a sandstone, 18X8X6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to secs. 1 and 12, R. 20 E., I destroy the markings on the bearing trees pertaining to secs. 6 and 7, R. 21 E.
	Land; abrupt and rough W. side of She Canyon.
	Soil; dark sandy loam, shallow on spurs, but about 8 ins. to 2 ft. deep in the bottoms of ravines and draws.
	Timber; aspen, spruce, balsam, yellow pine, mahogany, pinon pine and cedar.
	Undergrowth; oak brush, young aspen and mahogany, service berry and chokecherry bushes.
	Formation; outcroppings of light colored sandstone.
	Drainage E. to She Canyon.
	Fair growth of grass.
	N.0°57'W. on a resurvey line along the E. bdy. of sec. 1.
	Asc. 255 ft. over S. slope, through scattering aspen, spruce, balsam, yellow pine, mahogany, service berry

Resurvey of the West Boundary of T. 18 S., R. 21 E.

Chains.	Green River Guide Meridian.
	and chokecherry bushes and dense oak brush.
6.35	Northing of 80.00 chs. from the cor. of secs. 7 and 18, 115 ft. above cor. of secs. 1 and 12, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 6 and 7, only, with brass cap mkd:
	T18S | T18S R20E | S6 S1 | S7 R21E 1921
	from which,
	A cedar, 6 ins. diam., bears N.84°45'E., 60 lks. dist., marked T 18 S R 21 E S 6 B T.
	A spruce, 6 ins. diam., bears S.77°45'E., 28 lks. dist., marked T 18 S R 21 E S 7 B T.
13.00	Enter a medium growth of timber, bears NE. and SW., at the top of ascent, bearing NW. and SW.; desc. 515 ft. to
39.81	The ¼ sec. cor. which is a sandstone, 15X8X6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to sec. 1, only, I destroy the markings on the bearing tree in sec. 6, and leave as a witness the original bearing tree in sec. 1. All other trees in sec. 1 within a reasonable distance are dead and too scrubby to mark.
	From this cor. the course changes from N.0°57'W. to N.0°17'E.
43.30	Leave timber and undergrowth, bears E. and W., at the base of descent, bearing E. and W., 165 ft. below ¼ cor. of sec. 1; over nearly level bottom of Fish Creek Canyon.
46.00	Fish Creek, clear water, 6 lks. wide, 4 ins. deep, course N.80°E.
46.36	Northing of 40.00 chs. from the cor. of secs. 6 and 7, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 6, only, with brass cap mkd:

Resurvey of the West Boundary of T. 18 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	¼ S 6 1921
	from which,
	A pinon pine, 12 ins. diam., bears N.39°15'E., 211 lks. dist., marked ¼ S 6 B T.
	As there are no other trees in sec. 6 within a reasonable distance, I raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
46.60	Leave bottom of canyon; asc. S. slope through dense sagebrush.
49.20	Spur, 50 ft. above bottom of canyon, slopes E. about 2.00 chs. dist.; desc. 65 ft.
54.20	Base of descent, bears NE. and SE.; asc. 170 ft.
61.40	Enter scattering spruce, balsam and cedar, bears NE. and SW.
65.50	Top of sloping ledge, 30 ft. high, bears SE. and NW., on top of spur; sloping E. about 4.00 chs. dist.; desc. 200 ft.
66.20	Enter scattering aspen, bears E. and W.
72.40	Leave spruce, balsam and cedar, bears NE. and SW., at the base of descent, bearing NW. and SE.; continue through dense sagebrush and scattering aspen, over level bottom of She Canyon to
77.82	The cor. of Tps. 17 and 18 S., Rs. 20 and 21 E., which is a sandstone 12X12X7 ins. above ground, firmly set, marked with 6 notches on each edge, and witnessed as described by the Surveyor General. The NE., SE., and SW. bearing trees being dead, but plainly marked, I witness the cor. as follows:
	A spruce, 16 ins. diam., bears N.39°30'E., 490 lks. dist., marked T 17 S R 21 E S 31 B T.
	An aspen, 7 ins. diam., bears S.33°30'E., 26 lks. dist., marked T 18 S R 21 E S 6 B T.
	An aspen, 7 ins. diam., bears S.44°15'W., 51 lks. dist., marked T 18 S R 20 E S 1 B T.
	A yellow pine, 24 ins. diam., bears N.48°45'W., 70 lks. dist., marked T 17 S R 20 E S 36 B T.

South Boundary of T. 18 S., R. 21 E.

Chains.

The tree in sec. 36 is the original bearing tree.

Land; steep and rough mountainous, and level canyon bottoms.

Soil; dark sandy loam, shallow and rocky on spurs, and about 8 ins. to 2 ft. deep in the bottoms of draws and ravines, lying on bed-rock. Deep black soil in bottoms of canyons.

Timber; aspen, spruce, balsam, yellow pine, mahogany, cedar and pinon pine.

Undergrowth; oak brush, service-berry and choke cherry bushes and sagebrush.

Formation; outcroppings of light colored sandstone.

Drainage NE. to She Canyon.

Fair growth of grass.

South Boundary of T. 18 S., R. 21 E.

From the cor. of Tps. 18 and 19 S., Rs. 20 and 21 E., hereinbefore described,

East on a random line along the S. bdy. of T. 18 S., R. 21 E., setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs.; and at 502.62 chs., intersect N. and S. line 18.13 chs. N. of the cor. of Tps. 18 and 19 S., Rs. 21 and 22 E., which is an iron post, 3 ins. in diam., firmly set in a mound of stone and extending 33 ins. above ground, marked and witnessed as described by the Surveyor General. As this cor. now refers to Tps. 18 and 19 S., R. 22 E., I destroy the mound of stone on the S. and the markings on the cor. and bearing tree pertaining to secs. in R. 21 E. And at the point of intersection of the S. bdy. of Tp. with the N. and S. line, set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of Tps. 18 and 19 S., R. 21 E., only, with brass cap mkd:

T18S R21E S36	T18S
S1 T19S	R22E S31

1921

South Boundary of T. 18 S., R. 21 E.

Chains.	
	from which,
	A pinon pine, 14 ins. diam., bears S.32°15'W., 31 lks. dist., marked T 19 S R 21 E S 1 B T.
	A pinon pine, 16 ins. diam., bears N.36°15'W., 90 lks. dist., marked T 18 S R 21 E S 36 B T.
	Thence,
	West on a true line bet. secs. 1 and 36, along the S. bdy. of T. 18 S., R. 21 E.
	Asc. 550 ft. over abrupt and rough NE. slope, through scattering cedar, pinon pine, mahogany and a medium growth of oak brush and service-berry bushes.
19.30	Spur, slopes SE.; desc. 175 ft.
30.40	Ravine, course SE.; asc. 300 ft. to ¼ sec. cor.
39.50	Top of sloping ledge, 20 ft. high, bears N. and S.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 36 / S 1 1921
	from which,
	A pinon pine, 5 ins. diam., bears N.58°45'E., 57 lks. dist., marked ¼ S 36 B T.
	A pinon pine, 10 ins. diam., bears S.0°45'E., 49 lks. dist., marked ¼ S 1 B T.
43.60	Spur, 60 ft. above ¼ sec. cor., slopes SE.; desc. 110 ft.
52.80	Ravine, course SE.; asc. 185 ft.
59.40	Spur, slopes SE.; desc. 350 ft. to sec. cor.
63.60	Top of nearly perpendicular ledge, 100 ft. high, bears NW. and SE.
80.00	On an abrupt and rough W. slope, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 1, 2, 35 and 36, with brass cap mkd:
	T18S | R21E / S35 | S36 / S2 | S1 / T19S / 1921
	from which;

South Boundary of T. 18 S., R. 21 E.

Chains.	
	A pinon pine, 10 ins. diam., bears N.23°30'E., 26 lks. dist., marked T 18 S R 21 E S 36 B T.
	A pinon pine, 6 ins. diam., bears S.17°30'E., 37 lks. dist., marked T 19 S R 21 E S 1 B T.
	A pinon pine, 14 ins. diam., bears S.11°45'W., 99 lks. dist., marked T 19 S R 21 E S 2 B T.
	A spruce, 5 ins. diam., bears N.68°W., 21 lks. dist., marked T 18 S R 21 E S 35 B T.
	Land; steep and rough mountains with general drainage SE. to Cottonwood Canyon.
	Soil; rocky and shallow red sand.
	Timber; mahogany, cedar, pinon pine and spruce.
	Undergrowth; oak brush, young mahogany and service-berry bushes.
	Formation; outcroppings of light and red colored sandstone.
	Scattering growth of bunch grass.
	West bet. secs. 2 and 35.
	Desc. 110 ft. over W. slope, through scattering pinon pine, cedar, spruce, mahogany and dense oak brush.
9.30	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of canyon, course SE.; asc. abruptly 715 ft.
26.70	Perpendicular ledge, 30 ft. high, bears N. and S.
36.10	Perpendicular ledge, 40 ft. high, bears N. and S.
39.40	Spur, slopes SE.; desc. 5 ft. to ¼ sec. cor.
40.00	Set an iron post, 3 ft. long, 1 in. in diam.; 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

$$\frac{\frac{1}{4}\ \text{S 35}}{\text{S 2}}$$
1921

from which,

A pinon pine, 10 ins. diam., bears N.22°30'W., 64 lks. dist., marked ¼ S 35 B T.

A pinon pine, 14 ins. diam., bears S.64°15'W., 128 lks. dist., marked ¼ S 2 B T.

South Boundary of T. 18 S., R. 21 E.

Chains.	
55.80	Perpendicular ledge, 50 ft. high, bears NW. and SE.
64.80	Creek of clear water, 2 lks. wide, 2 ins. deep, in the bottom of Teepee Canyon, 615 ft. below ¼ sec. cor., course SE.; asc. 160 ft. to sec. cor.
69.70	Dry wash, 30 lks. wide, 6 ft. deep, course SE.; leave scattering timber and dense oak brush, and enter dense service-berry and squaw bushes, and grove of cottonwood, aspen and boxelder, bears NW. and SE.
78.90	Leave service-berry and squaw bushes, and grove of timber, and enter dense sagebrush, bears N. and S.
80.00	On a SE. slope, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 2, 3, 34 and 35, with brass cap mkd:

T18S	R21E
S34	S35
S3	S2

T19S
1921

from which,

A cottonwood, 8 ins. diam., bears N.86°30'E., 152 lks. dist., marked T 18 S R 21 E S 35 B T.

An aspen, 7 ins. diam., bears S.19°E., 210 lks. dist., marked T 19 S R 21 E S 2 B T.

An aspen, 10 ins. diam., bears S.6°W., 207 lks. dist., marked T 19 S R 21 E S 3 B T.

A boxelder, 4 ins. diam., bears N.58°W., 44 lks. dist., marked T 18 S R 21 E S 34 B T.

Land; steep and rough mountains with outcroppings of shale, and light and red sandstone boulders and ledges.

Soil; very shallow and rocky red sand; deep sandy loam, W. 15.20 chs.

Timber; pinon pine, cedar, spruce, mahogany, aspen, boxelder and cottonwood.

Undergrowth; oak brush, sagebrush, service-berry and squaw bushes.

Drainage SE. to Cottonwood Canyon.

Scattering growth of bunch grass; excellent grazing in the bottom of Teepee Canyon.

South Boundary of T. 18 S., R. 21 E.

Chains.

West bet. secs. 3 and 34.

Asc. 320 ft. over SE. slope, through dense sagebrush.

1.50 Leave sagebrush and enter dense oak brush, bears NW. and SE.

12.50 Leave dense oak brush and enter scattering, bears NE. and SW.

12.80 Enter scattering spruce, pinon pine, cedar and mahogany, bears N. and S.

13.40 Top of sloping ledge, 40 ft. high, bears NE. and SW.

19.30 Spur, slopes S.; desc. 220 ft. to ¼ sec. cor.

30.50 Perpendicular ledge, 20 ft. high, bears NW. and SE.

31.40 Leave scattering timber and undergrowth, and enter heavy aspen, boxelder and cottonwood, bears NW. and SE., at the base of descent, bearing NW. and SE.; over nearly level bottom of canyon.

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

¼ S 34 / S 3 1921

from which,

An aspen, 7 ins. diam., bears N.73°30'W., 29 lks. dist., marked ¼ S 34 B T.

An aspen, 10 ins. diam., bears S.24°15'E., 24 lks. dist., marked ¼ S 3 B T.

42.60 Enter dense willows, birch, rosebushes, service-berry, choke cherry and squaw bushes, bears NW. and SE.

45.70 Creek of clear water, 2 lks. wide, 2 ins. deep, in the bottom of a fork of Teepee Canyon, course SE.; asc. abruptly 895 ft. to sec. cor.

45.80 Leave timber and dense undergrowth, and enter scattering oak brush, bears NW. and SE.

46.80 Enter dense oak brush, bears NW. and SE.

70.10 Enter scattering yellow pine, bears N. and S.

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

South Boundary of T. 18 S., R. 21 E.

Chains.

T18S	R21E
S33	S34
S4	S3

T19S

1921

from which,

A yellow pine, 24 ins. diam., bears N.44°E., 252 lks. dist., marked T 18 S R 21 E S 34 B T.

A pinon pine, 6 ins. diam., bears S.56°15'E., 75 lks. dist., marked T 19 S R 21 E S 3 B T.

A yellow pine, 12 ins. diam., bears S.28°W., 575 lks. dist., marked T 19 S R 21 E S 4 B T.

A yellow pine, 24 ins. diam., bears N.57°45'W., 309 lks. dist., marked T 18 S R 21 E S 33 B T.

Land; steep and rough mountains, draining SE. to Cottonwood Canyon.

Soil; rocky and shallow red sand on slopes; dark loam several ft. deep in the bottoms of the forks of Teepee Canyon.

Timber; spruce, pinon pine, cedar, mahogany, yellow pine, aspen, cottonwood and boxelder.

Undergrowth; sagebrush, oak brush, rosebushes, willows, service-berry, choke cherry and squaw bushes, and birch.

Formation; red sandstone outcroppings.

Scattering growth of bunch grass; good grazing in the bottom of Teepee Canyon.

West bet. secs. 4 and 33.

Asc. gradually 50 ft. over SE. slope, through scattering pinon and yellow pine, and dense oak brush.

5.60 Spur, slopes SE.; desc. gradually 10 ft.

6.00 Desc. abruptly 580 ft.; enter a medium growth of pinon pine, cedar, spruce and balsam, bears NW. and SE.

11.50 Top of sloping ledge, 20 ft. high, bears NW. and SE.

21.70 Top of sloping ledge, 10 ft. high, bears N. and S.

31.40 Creek of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, course SE.; dense willows, aspen and birch along stream; asc. 230 ft.

South Boundary of T. 18 S., R. 21 E.

Chains.	
36.90	Spur, slopes SE.; desc. 90 ft. to ¼ sec. cor.
38.50	Timber becomes more dense, bears N. and S.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: ¼ S 33 / S 4 1921 from which, A spruce, 14 ins. diam., bears N.17°30'W., 166 lks. dist., marked ¼ S 33 B T. A pinon pine, 16 ins. diam., bears S.55°E., 67 lks. dist., marked ¼ S 4 B T.
48.60	Draw, 30 ft. below ¼ sec. cor., course S.; asc. 90 ft.
56.50	Spur, slopes SE.; desc. 80 ft.
61.90	Ravine, course S.10°W.; asc. 460 ft. to sec. cor.
70.90	Top of sloping ledge, 50 ft. high, bears NE. and SW.
80.00	On a rough SE. slope, set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 4, 5, 32 and 33, with brass cap mkd: T18S | R21E; S32 | S33; S5 | S4; T19S; 1921 from which, A cedar limb, 10 ins. diam., bears N.49°E., 29 lks. dist., marked T 18 S R 21 E S 33 B T. A pinon pine, 6 ins. diam., bears S.47°45'E., 67 lks. dist., marked T 19 S R 21 E S 4 B T. A cedar, 12 ins. diam., bears S.87°30'W., 45 lks. dist., marked T 19 S R 21 E S 5 B T. A cedar limb, 8 ins. diam., bears N.56°45'W., 32 lks. dist., marked T 18 S R 21 E S 32 B T.

Land; abrupt and rough; E. 5.60 chs., NE. slope of Teepee Canyon; W. 74.40 chs., N. side of Cherry Creek Canyon.

Soil; shallow and rocky red sand.

Timber; spruce, pinon pine, cedar, mahogany, balsam, aspen, yellow pine and birch.

Chains.	
	Undergrowth; oak brush and willows. Formation; light and red colored sandstone. General drainage SE. Fair growth of bunch grass.
	West bet. secs. 5 and 32. Asc. abrupt SE. slope 390 ft., through scattering cedar, pinon pine, spruce, yellow pine, aspen, mahogany and dense oak brush, choke cherry and service-berry bushes.
9.10	Perpendicular ledge, 25 ft. high, bears N.80°E. and S.80°W.
12.00	Perpendicular ledge, 30 ft. high, bears NE. and W.
19.90	Top of broken ledge, 15 ft. high, bears N.80°E. and S.80°W.
29.60	Ridge bet. Cherry Creek and East Willow Creek, bears NE. and SW.; leave timber, bears NE. and SW.; desc. 150 ft. to witness ¼ sec. cor.
34.50	Leave undergrowth, bears NE. and SW., at the base of descent, bearing NE. and SW.; over nearly level bottom of canyon.
35.40	Enter dense willows, bears NE. and SW.
38.60	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for witness ¼ sec. cor., with brass cap mkd: $WC\frac{1}{4}\frac{S\ 32}{S\ 5}$ 1921 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
39.00	Creek of clear water, 4 lks. wide, 6 ins. deep, in wash, 30 lks. wide, 10 ft. deep, in the bottom of East Willow Creek Canyon, course NE.
40.00	True point for ¼ sec. cor. falls in the same wash, 30 lks. wide, 10 ft. deep, having a course of S.80°E. Cor. not set.
40.50	Leave willows and enter dense sagebrush, bears NW. and SE.
52.70	Same creek, 4 lks. wide, 4 ins. deep, in wash, 20 lks. wide, 8 ft. deep, course NE.

South Boundary of T. 18 S., R. 21 E.

Chains.	
66.20	Dry wash, 15 lks. wide, 6 ft. deep, at the mouth of draw, course S.10°W.
66.50	Leave bottom of canyon and dense sagebrush, bears NW. and SE.; asc. 170 ft. over NE. slope through dense oak brush and scattering yellow pine.
73.40	Spur, slopes SE.; desc. 40 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 5, 6, 31 and 32, with brass cap mkd:

T18S	R21E
S31	S32
S6	S5

T19S
1921

from which,

A spruce, 20 ins. diam., bears N.2°30'W., 198 lks. dist., marked T 18 S R 21 E S 31 B T.

There are no other trees available in secs. 5, 6 and 32.

Land; steep and rough mountains, draining SE. to Cherry Creek, E. 29.60 chs.; rough mountains and level bottom of canyon, draining NE., W. 50.40 chs.

Soil; shallow and rocky red sand, lying on bed-rock, on slopes; black loam several ft. deep in the bottom of East Willow Creek Canyon.

Timber; cedar, piñon pine, spruce, aspen, yellow pine and mahogany.

Undergrowth; oak brush, sagebrush, service-berry and choke cherry bushes, and willows.

Formation; light and red sandstone outcroppings.

Fair growth of grass.

West bet. secs. 6 and 31.

Desc. 15 ft. over SW. slope, through scattering yellow pine, spruce and dense oak brush.

7.30	Draw, course S; asc. 610 ft. across head of ravine, course SE.
10.60	Leave scattering timber and undergrowth, and enter heavy aspen, bears NW. and SE.

South Boundary of T. 18 S., R. 21 E.

Chains.	
22.70	Leave heavy aspen and enter dense oak brush, bears NE. and SW.
30.40	Enter heavy aspen, scattering spruce, pinon, yellow pine, mahogany and dense service-berry and choke cherry bushes, bears N. and S.
31.70	Ridge bet. She Canyon and East Willow Creek, bears NE. and SW.; desc. 170 ft. to ¼ sec. cor.
32.80	Top of sloping ledge, 20 ft. high, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 31 / S 6 / 1921
	from which,
	An aspen, 4 ins. diam., bears N.48°E., 13 lks. dist., marked ¼ S 31 B T.
	A spruce, 6 ins. diam., bears S.5°E., 34 lks. dist., marked ¼ S 6 B T.
40.60	Head of draw, 10 ft. below ¼ sec. cor., course N.; asc. 30 ft.
43.20	Spur, slopes N. about 15.00 chs. dist.; desc. 175 ft.
49.10	Head of ravine, course N.; asc. 145 ft.
55.60	Leave heavy aspen, bears NW. and SE.; continue through scattering aspen, spruce, mahogany and yellow pine.
58.80	Ridge, bears N.60°W. and S.60°E.; desc. 40 ft.
62.10	Head of ravine, course SW.; asc. 20 ft.
67.00	Spur, slopes SW.; desc. 300 ft.
77.50	Head of ravine, course S.70°W.; asc. 70 ft.
82.50	Spur, projects S.70°W. 10.00 chs. dist., thence W.; desc. 395 ft. to Tp. cor.
85.10	Leave dense undergrowth and enter heavy aspen, bears NE. and SW.
102.62	The cor. of Tps. 18 and 19 S., Rs. 20 and 21 E.
	Land; rough mountainous with light and red sandstone formation.
	Soil; red sandy loam and black loam from a few ins. to 3 ft. deep, lying on bed-rock.

East Boundary of T. 18 S., R. 21 E.

Chains.	
	Timber; aspen, spruce, mahogany, pinon and yellow pine.
	Undergrowth; oak brush, service-berry and choke cherry bushes.
	Drainage SE., E. 31.70 chs.; SW., W. 43.82 chs.; remaining 27.10 chs. drains NW.
	Fair growth of grass and browse.

East Boundary of T. 18 S., R. 21 E.

	From the cor. of Tps. 18 and 19 S., R. 21 E., hereinbefore described,
	North on a true line bet. secs. 31 and 36, along the E. bdy. of T. 18 S., R. 21 E.
	Desc. 75 ft. over abrupt and rough NE. slope, through scattering cedar, pinon pine, spruce and mahogany, and a medium growth of oak brush.
4.60	Leave timber and undergrowth and enter dense sagebrush, bears NW. and SE., at the foot of descent, bearing NW. and SE.; over level bottom of canyon.
5.60	Dry wash, 30 lks. wide, 3 ft. deep, in the bottom of Spruce Canyon, course SE.
10.00	Leave dense sagebrush and enter a medium growth of cedar, pinon pine and mahogany, and scattering oak brush, service-berry bushes and young mahogany; asc. abruptly 530 ft. over rugged SW. slope to ¼ sec. cor.
30.50	Perpendicular ledge, 30 ft. high, bears E. and W.
37.20	Perpendicular ledge, 20 ft. high, bears NW. and SE.; enter scattering spruce, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ cor. of sec. 36, only, with brass cap mkd:

S 36 ¼
1921

from which,

A pinon pine, 14 ins. diam., bears west, 5 lks. dist., marked ¼ S 36 B T.

Chains.

A pinon pine, 12 ins. diam., bears N.73°15'W., 45 lks. dist., marked ¼ S 36 B T.

44.40 Spur, 30 ft. above ¼ sec. cor., slopes W. about 15.00 chs. dist.; desc. 220 ft.

62.40 Ravine, course W. about 4.00 chs. dist., thence SW.; asc. 255 ft. over abrupt and rough SE. slope to true point for sec. cor.

63.50 Timber becomes more scattering, bearing NE. and SW.

80.00 True point for cor. of secs. 25 and 36 falls on a sloping ledge, 80 ft. high, bearing SE. and W., making it impossible to set the post or cut a cross at the exact cor.

80.57 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for witness cor. of secs. 25 and 36, only, with brass cap mkd:

T18S S25 S36 R21E	T18S R22E S30

WC
1921

from which,

A pinon pine, 8 ins. diam., bears N.21°W., 41 lks. dist., marked W C T 18 S R 21 E S 25 B T.

All other trees within a reasonable distance are too scrubby to mark.

Land; abrupt and rugged with red sandstone boulders, ledges and slide-rock.

Soil; red sand, shallow and rocky on spurs and ridges, several ft. deep in the bottom of Spruce Canyon.

Timber; cedar, pinon pine, spruce and mahogany.

Undergrowth; oak brush, sagebrush, service-berry bushes and young mahogany.

General drainage SE. Scattering growth of bunch grass.

From the true point for cor. of secs. 25 and 36,

North along the E. bdy. of sec. 25.

Asc. 90 ft. over rough SE. slope, through a medium growth

Chains.	
	of cedar, pinon pine and mahogany, and scattering oak brush, service-berry bushes and young mahogany.
0.57	The witness cor. of secs. 25 and 36.
2.20	Spur, slopes SW. about 15.00 chs. dist.; asc. 370 ft. across the head of draw, having a southwesterly course.
16.00	Perpendicular ledge, 30 ft. high, bears NW. and SE.
25.50	Ridge, bears W. and SE.; desc. abruptly 360 ft. to ¼ sec. cor.
30.90	Perpendicular ledge, 20 ft. high, bears NW. and SE.
40.00	On an abrupt and rough N. slope, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 25, only, with brass cap mkd:

S 25 ¼ | 1921

from which,

A spruce, 12 ins. diam., bears S.0°15'W., 87 lks. dist., marked ¼ S 25 B T.

A spruce, 12 ins. diam., bears N.38°15'W., 29 lks. dist., marked ¼ S 25 B T.

48.50	Ravine, 260 ft. below ¼ sec. cor., course E.; asc. 70 ft.
50.70	Spur, slopes E.; desc. 120 ft.
57.10	Ravine, course SE.; asc. 215 ft.
60.40	Rugged spur, slopes E.; desc. 75 ft.
62.00	Canyon, course SE.; asc. 430 ft. to sec. cor.
69.10	Top of broken ledge, 50 ft. high, bears NW. and SE.
80.00	On a rough SW. slope, set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 24 and 25, only, with brass cap mkd:

T18S S24 S25 R21E | T18S R22E S19 | 1921

from which,

A pinon pine, 12 ins. diam., bears S.68°15'W., 93 lks. dist., marked T 18 S R 21 E S 25 B T.

A pinon pine, 8 ins. diam., bears N.37°45'W., 28 lks. dist., marked T 18 S R 21 E S 24 B T.

Chains	
	Land; abrupt and rugged mountains draining generally to the SE.
	Soil; rocky and shallow red sand.
	Timber; cedar, pinon pine, spruce and mahogany.
	Undergrowth; oak brush, service-berry bushes and young mahogany.
	Formation; light and red sandstone boulders and ledges.
	Scattering growth of bunch grass.
	North along the E. bdy. of sec. 24.
	Asc. abruptly 40 ft. over rugged S. slope, through a medium growth of cedar, pinon pine, spruce, mahogany and dense service-berry bushes, oak and buck brush.
1.30	Spur, slopes W. about 10.00 chs. dist.; desc. 195 ft.
21.70	Canyon, course SW.; asc. abruptly 400 ft. to
40.00	At the foot of perpendicular ledge, 50 ft. high, bearing NE. and SW., set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ cor. of sec. 24, only, with brass cap mkd: S 24 ¼ | 1921 from which, A pinon pine, 8 ins. diam., bears S.77°45'W., 14 lks. dist., marked ¼ S 24 B T.
	There are no other trees within a reasonable distance suitable for marking.
50.50	Top of broken ledge, 100 ft. high, bears NE. and SW.
64.00	Ridge, 660 ft. above ¼ sec. cor., bears NE. and SW.; timber becomes more scattering, bearing NE. and SW.; desc. 575 ft. to sec. cor.
67.00	Enter scattering aspen, bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 13 and 24, only, with brass cap mkd: T18S S13 / S24 R21E | T18S R22E S18 1921

Chains.	
	from which,
	An aspen, 6 ins. diam., bears S.60°45'W., 42 lks. dist., marked T 18 S R 21 E S 24 B T.
	An aspen, 8 ins. diam., bears N.89°30'W., 55 lks. dist., marked T 18 S R 21 E S 13 B T.
	Land; abrupt and rough mountains with outcroppings of light and red sandstone formation.
	Soil; rocky and shallow red sand, S. 64.00 chs.; dark loam from a few ins. to 2 ft. deep, lying on bed-rock, N. 16.00 chs.
	Timber; cedar, spruce, pinon pine, mahogany and aspen.
	Undergrowth; service-berry bushes, oak and buck brush.
	Drainage SW., S. 64.00 chs.; N., N. 16.00 chs.
	Fair grazing N. 16.00 chs.
	North along the E. bdy. of sec. 13.
	Desc. 335 ft. over NW. slope, through scattering aspen, cedar, pinon pine, spruce, yellow pine and dense oak brush, service-berry bushes, buck brush and deer browse
18.00	Canyon, course E.; asc. abruptly 230 ft. over rough S. slope to ¼ sec. cor.
18.20	Enter a medium growth of pinon pine, boxelder and maple, bears E. and W.
25.00	Leave boxelder and maple, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 13, only, with brass cap mkd:
	S 13 ¼ | 1921
	from which,
	A pinon pine, 8 ins. diam., bears S.33°45'W., 46 lks. dist., marked ¼ S 13 B T.
	A pinon pine, 12 ins. diam., bears S.72°15'W., 52 lks. dist., marked ¼ S 13 B T.
46.50	Spur, 30 ft. above ¼ sec. cor., slopes NE. about 20.00 chs. dist.; leave dense undergrowth and enter dense young aspen, bears NE. and SW.; desc. abruptly 410 ft.

Chains.	
47.10	Enter a medium growth of timber, bears NE. and SW.
64.80	Leave undergrowth of young aspen and enter scattering deer browse, oak and buck brush, and heavy aspen, box-elder and mahogany, bears E. and W., at the foot of descent, bearing E. and W.; over level bottom of ravine.
65.30	Dry wash, 4 lks. wide, 1 ft. deep, course E.
67.20	Leave boxelder, bears E. and W.
67.10	Leave heavy aspen and mahogany, and enter a medium growth of spruce, aspen, cedar, pinon and yellow pine, bears NE. and SW.; leave bottom of ravine; asc. abruptly 470 ft. over series of ledges, 10 to 100 ft. high, bearing NE. and SW.
73.80	Perpendicular ledge, 60 ft. high, bears NE. and SW.
78.00	Perpendicular ledge, 100 ft. high, bears NE. and SW.
79.00	Spur, slopes N.80°E.; desc. 45 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 12 and 13, only, with brass cap mkd:

T18S	T18S
S12	R22E
S13	S7
R21E	

1921

from which,

A spruce, 24 ins. diam., bears S.6°15'W., 116 lks. dist., marked T 18 S R 21 E S 13 B T.

A spruce, 8 ins. diam., bears N.56°30'W., 18 lks. dist., marked T 18 S R 21 E S 12 B T.

Land; steep and rough mountains, draining E.

Soil; shallow and rocky red sand on spurs; deep sandy loam and black loam in the bottoms of ravines and canyons.

Timber; spruce, aspen, cedar, pinon pine, mahogany, boxelder, yellow pine and maple.

Undergrowth; oak brush, deer browse, service-berry bushes, buck brush and young aspen.

Formation; light sandstone. Fair growth of grass.

East Boundary of T. 18 S., R. 21 E.

Chains.	
	North along the E. bdy. of sec. 12.
	Desc. abruptly 475 ft. over rough NW. slope, through a medium growth of spruce, cedar, pinon pine and mahogany, and dense deer browse, service-berry bushes, young mahogany, oak and buck brush.
15.20	Creek of clear water, 2 lks. wide, 2 ins. deep, in bottom of ravine, course N.60°E.; medium growth of aspen and willows along stream; asc. abruptly 250 ft. over rough S. slope.
24.70	Spur, slopes E.; desc. abruptly 225 ft.
31.10	Leave medium growth of timber and dense undergrowth, bears E. and W., and enter heavy aspen at the foot of descent, bearing E. and W.; over level bottom of ravine.
31.90	Creek of clear water, 1 lk. wide, 2 ins. deep, course E.
35.30	Leave bottom of ravine and heavy aspen, bears E. and W.; asc. abruptly 135 ft. over rugged SW. slope, through scattering spruce, cedar, pinon pine, mahogany and service-berry bushes, oak and buck brush.
36.10	Perpendicular ledge, 50 ft. high, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 12, only, with brass cap mkd:
	S 12 ¼ | 1921
	from which,
	A pinon pine, 5 ins. diam., bears S.87°30'W., 70 lks. dist., marked ¼ S 12 B T.
	A cedar, 6 ins. diam., bears N.68°15'W., 59 lks. dist., marked ¼ S 12 B T.
	This cor. is located 115 ft. above base of ascent.
50.00	Spur, slopes SE.; desc. abruptly 300 ft. over outcroppings.
60.00	Draw, course S.80°E.; asc. abruptly 450 ft. over series of ledges, 10 to 40 ft. high, bearing E. and W., through a medium growth of timber, bearing E. and W.

East Boundary of T. 18 S., R. 21 E.

Chains.	
71.50	Leave timber and enter dense oak and buck brush, bears E. and W., on top of spur, sloping E.; desc. abruptly 260 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 1 and 12, only, with brass cap mkd: T18S S1 / S12 R21E | T18S R22E S6 1921 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land; steep and rugged, draining E.
	Soil; shallow and rocky red sand on spurs; sandy loam 2 to 3 ft. deep, lying on bed-rock in the bottoms of ravines and draws.
	Timber; spruce, cedar, pinon pine, aspen and mahogany.
	Undergrowth; oak and buck brush, service-berry bushes, deer browse and young mahogany.
	Formation; light and red sandstone.
	Fair growth of grass.
	North along the E. bdy. of sec. 1.
	Desc. abruptly 610 ft. over N. slope, through dense deer browse, oak and buck brush.
11.80	Leave undergrowth, bears E. and W., at the base of descent, bearing E. and W.; over nearly level bottom of Diamond Canyon.
12.60	Diamond Creek, clear water, 5 lks. wide, 3 ins. deep, course E.; patches of willows, birch and boxelder along creek.
16.20	Leave bottom of canyon; enter dense deer browse, young mahogany, oak and buck brush, and a medium growth of cedar and pinon pine, bears E. and W.; asc. abruptly 75 ft. over outcroppings.
19.70	Spur, slopes SE.; desc. 40 ft.
23.20	Leave timber and undergrowth, bears NW. and SE., at the

Chains.	
	base of descent, bearing NW. and SE.; over nearly level bottom of ravine through scattering boxelder.
25.60	Dry wash, 10 lks. wide, 2 ft. deep, course SE.
28.30	Leave bottom of ravine and scattering boxelder, bears NW. and SE.; asc. abrupt and rugged SW. slope 230 ft. to ¼ sec. cor., through a medium growth of spruce, cedar, pinon pine and mahogany, and scattering oak and buck brush, bearing NW. and SE.
40.00	On a sloping ledge, 40 ft. high, bearing NW. and SE., set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ cor. of sec. 1, only, with brass cap mkd:

S 1 ¼
1921

from which,

A spruce, 16 ins. diam., bears S.5°15'W., 117 lks. dist., marked ¼ S 1 B T.

A mahogany, 6 ins. diam., bears S.19°30'W., 72 lks. dist., marked ¼ S 1 B T.

46.90	Perpendicular ledge, 50 ft. high, bears NW. and SE.
58.00	Perpendicular ledge, 30 ft. high, bears NW. and SE.
71.46	Set temp. cor. for Tps. 17 and 18 S., Rs. 21 and 22 E., 615 ft. above ¼ sec. cor.; permanent cor. falls at 73.07 chs., hereinafter described in the notes for line bet. secs. 1 and 36, on the N. bdy. of this Tp.

Land; steep and rugged mountains, draining SE.

Soil; very shallow and rocky red sand on spurs; deep sandy loam in the bottoms of ravines and canyons.

Timber; spruce, cedar, pinon pine, mahogany and boxelder.

Undergrowth; oak and buck brush, deer browse and young mahogany.

Formation; light and red sandstone ledges and outcroppings.

Fair growth of grass on slopes; excellent grazing in the bottoms of ravines and canyons.

North Boundary of T. 18 S., R. 21 E.

Chains.	
	From the temp. cor. of Tps. 17 and 18 S., Rs. 21 and 22 E., just established,
	West on a random line, along the N. bdy. of T. 18 S., R. 21 E., setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs.; and at
504.70	Intersect the W. bdy. of the Tp., 161 lks. S. of the cor. of Tps. 17 and 18 S., Rs. 20 and 21 E., hereinbefore described.
	Thence, from this Tp. cor.
	East on a true line bet. secs. 6 and 31.
	Over nearly level bottom of She Canyon, through a medium growth of sagebrush and scattering aspen.
7.10	Creek of muddy water, 10 lks. wide, 6 ins. deep, in wash, 80 lks. wide, 10 ft. deep, course NE.; leave bottom of canyon; asc. abruptly 640 ft. along S. side of draw, draining W.
8.70	Leave sagebrush and enter heavy spruce, aspen and yellow pine, bears NE. and SW.
34.40	Top of broken ledge, 50 ft. high, bears NW. and SW., at the head of ravine, draining N.80°W.; leave heavy timber and enter a medium growth of spruce, cedar, pinon pine, mahogany and yellow pine, and dense oak and buck brush, scattering service-berry bushes, deer browse and rosebushes, bears NW. and SE.; asc. more gradually 275 ft. over rough SW. slope to ¼ sec. cor.
59.60	Top of broken ledge, 15 ft. high, bears NW. and SE.
64.70	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

$$\frac{1}{4}\ \frac{\text{S 31}}{\text{S 6}}\ \text{1921}$$

from which,

A cedar, 7 ins. diam., bears N.63°30'E., 50 lks. dist., marked ¼ S 31 B T.

A spruce, 6 ins. diam., bears S.86°15'E., 32 lks. dist., marked ¼ S 6 B T.

Continue gradual ascent of 250 ft. from this ¼ sec. cor.

North Boundary of T. 18 S., R. 21 E.

Chains.	
79.10	Leave timber and scattering undergrowth, bears N. and S., on top of divide bet. She Canyon and One Eye Canyon, bears N.60°W. and S.; desc. 50 ft. through dense oak and buck brush.
90.30	Fork of One Eye Canyon, course N.30°E.; asc. 310 ft.
104.10	Spur, projects N.20°E. about 40.00 chs. dist.; desc. gradually 5 ft. to
104.70	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 5, 6, 31 and 32, with brass cap mkd:

T17S	R21E
S31	S32
S6	S5

T18S
1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; rugged and abrupt E. side of She Canyon, W. 79.10 chs., except nearly level bottom land, W. 7.10 chs.; rolling mountainous, E. 25.60 chs.

Soil; dark loam several ft. deep in the bottom of She Canyon; shallow and rocky red sand in the rough portions; sandy loam 1 to 3 ft. deep, lying on bed-rock, E. 25.60 chs.

Timber; aspen, spruce, yellow pine, cedar, pinon pine and mahogany.

Undergrowth; oak and buck brush, deer browse, service-berry bushes, sagebrush and rosebushes.

Formation; light sandstone .

General drainage N. Fair growth of grass.

East bet. secs. 5 and 32.

Desc. 280 ft. over SE. slope, through dense oak and buck brush.

8.20	Leave dense undergrowth and enter heavy aspen, bears NW. and SW.
11.80	Ravine, course N.15°E.; asc. 250 ft.
15.00	Leave heavy timber and enter dense oak and buck brush,

Chains.	
	bears NE. and SW.
26.70	Spur, projects N.15°E.; desc. 310 ft. to ¼ sec. cor.
27.00	Descent becomes more abrupt.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼ S 32 / S 5
1921

from which,

An aspen, 4 ins. diam., bears N.75°30'E., 4 lks. dist., marked ¼ S 32 B T.

An aspen, 4 ins. diam., bears S.50°30'E., 7 lks. dist., marked ¼ S 5 B T.

42.00	Fork of One Eye Canyon, 75 ft. below ¼ sec. cor., course N.15°E.; asc. 380 ft. through scattering yellow pine.
57.80	Ridge bet. One Eye Canyon and Dry Fork, bears N.20°E. and S.20°W.; enter scattering sagebrush and deer browse, bears NE. and SW.; desc. 210 ft. to
80.00	On a SE. slope, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 4, 5, 32 and 33, with brass cap mkd:

T17S	R21E
S32	S33
S5	S4

T18S
1921

from which,

A yellow pine, 12 ins. diam., bears N.22°30'E., 184 lks. dist., marked T 17 S R 21 E S 33 B T.

A yellow pine, 30 ins. diam., bears S.7°E., 118 lks. dist., marked T 18 S R 21 E S 4 B T.

A yellow pine, 24 ins. diam., bears N.33°15'W., 227 lks. dist., marked T 17 S R 21 E S 32 B T.

There are no trees available in sec. 5 suitable for marking.

Land; rolling mountains with light sandstone outcroppings.

Soil; dark sand about 1 ft. deep, lying on bed-rock, on spurs and ridges; dark sandy loam, 1 to 3 ft. deep, lying on bed-rock, in ravines and canyons.

North Boundary of T. 18 S., R. 21 E.

Chains.	
	Timber; aspen and yellow pine.
	Undergrowth; oak and buck brush, sagebrush and deer browse.
	Drainage NE. Good grazing.
	East bet. secs. 4 and 33.
	Desc. SE. slope 350 ft., through dense oak and buck brush, and scattering yellow pine.
8.30	Seepage of water in head of draw, course SE.; asc. 15 ft.
14.60	Spur, slopes SE. about 8.00 chs. dist.; desc. 420 ft.
22.20	Top of broken ledge, 15 ft. high, bears NE. and SW.
26.90	Creek of clear water, 4 lks. wide, 3 ins. deep, in the bottom of Dry Fork Canyon, course NE.; asc. 330 ft. to ¼ sec. cor.
27.10	Enter heavy aspen, bears NE. and SW.
33.80	Leave aspen, bears NE. and SW.
38.70	Enter heavy aspen, scattering spruce and pinon pine, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S 33 / S 4 1921 from which, An aspen, 5 ins. diam., bears N.72°45'W., 52 lks. dist., marked ¼ S 33 B T. An aspen, 5 ins. diam., bears S.48°15'W., 89 lks. dist., marked ¼ S 4 B T.
40.10	Leave heavy aspen, bears N. and S.
46.70	Spur, 150 ft. above ¼ sec. cor., projects N. about 15.00 chs. dist.; desc. 200 ft.
52.50	Enter heavy aspen, bears NW. and SE.
57.80	Ravine, course N.; asc. 315 ft.
62.00	Leave aspen, bears N. and S.
68.50	Spur, projects N. approximately 25.00 chs. dist.; desc. 35 ft.
71.90	Ravine, course N.; asc. 35 ft.
76.90	Ridge, bears N. and SW.; desc. 45 ft. to

North Boundary of T. 18 S., R. 21 E.

Chains.

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

T17S	R21E
S33	S34
S4	S3

T18S
1921

from which,

A pinon pine, 10 ins. diam., bears N.20°E., 33 lks. dist., marked T 17 S R 21 E S 34 B T.

A cedar, 8 ins. diam., bears S.34°30'E., 87 lks. dist., marked T 18 S R 21 E S 3 B T.

A cedar, 8 ins. diam., bears S.68°15'W., 27 lks. dist., marked T 18 S R 21 E S 4 B T.

A spruce, 14 ins. diam., bears N.1°45'W., 327 lks. dist., marked T 17 S R 21 E S 33 B T.

Land; abrupt SE. and NW. slopes of Dry Fork Canyon, with outcroppings of light colored sandstone and shale.

Soil; dark sandy loam, 1 to 3 ft. deep, lying on bed-rock, on spurs and ridges; deeper dark loam in the bottoms of ravines and canyons.

Timber; aspen, spruce, yellow pine, cedar and pinon pine.

Undergrowth; oak and buck brush, young aspen and spruce.

Drainage NE. Good grazing.

East bet. secs. 3 and 34.

Desc. abrupt and rough E. slope 995 ft., over series of ledges 10 to 30 ft. high, bearing NE. and SW., through a medium growth of spruce, cedar, yellow pine, mahogany and pinon pine, and dense oak and buck brush.

28.00 Leave timber and undergrowth, bears N. and S., at the base of abrupt descent, bearing N. and S.; over nearly level bottom of Little Creek Canyon.

30.20 Little Creek, clear water, 5 lks. wide, 6 ins. deep, in wash, 50 lks. wide, 10 ft. deep, course N.

33.00 Leave bottom of canyon; asc. 195 ft. to ¼ sec. cor., over rough and abrupt W. slope, through a medium growth of aspen, scattering spruce, yellow pine, cedar and pinon

Chains.	
	pine, dense oak and buck brush.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 34 / S 3 / 1921
	from which,
	An aspen, 5 ins. diam., bears N.69°30'E., 53 lks. dist., marked ¼ S 34 B T.
	An aspen, 6 ins. diam., bears S.52°E., 41 lks. dist., marked ¼ S 3 B T.
	Continue abrupt ascent of 710 ft. over rough W. slope from this cor.
51.00	Leave medium growth of aspen and enter scattering, bears N. and S.
61.60	Ridge, bears N.20°W. and S.20°E.; desc. abruptly 650 ft. to sec. cor.
71.20	Enter heavy aspen, spruce and yellow pine, bears N. and S.; undergrowth becomes more scattering.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 2, 3, 34 and 35, with brass cap mkd:
	T17S R21E / S34 S35 / S3 S2 / T18S / 1921
	from which,
	A spruce, 6 ins. diam., bears N.1°E., 1 lk. dist., marked T 17 S R 21 E S 35 B T.
	A yellow pine, 6 ins. diam., bears S.11°E., 32 lks. dist., marked T 18 S R 21 E S 2 B T.
	An aspen, 5 ins. diam., bears S.32°W., 18 lks. dist., marked T 18 S R 21 E S 3 B T.
	An aspen, 4 ins. diam., bears N.35°W., 50 lks. dist., marked T 17 S R 21 E S 34 B T.
	Land; abrupt and rough sides of Little Creek and East Willow Creek Canyons with light sandstone outcroppings.
	Soil; sandy, rocky and shallow on ridges and spurs; dark loam several ft. deep in the bottoms of canyons.

North Boundary of T. 18 S., R. 21 E.

Chains.	
	Timber; aspen, spruce, yellow pine, cedar, pinon pine and mahogany.
	Undergrowth; oak and buck brush, young mahogany and aspen.
	Drainage N. Fair grazing.
	East bet. secs. 2 and 35.
	Desc. 10 ft. over SE. slope, through heavy aspen, spruce, yellow pine and scattering oak and buck brush.
0.40	Draw, course NE.; asc. 10 ft.
1.20	Spur, slopes NE. 1.00 ch. dist.; desc. 275 ft.
8.70	Leave timber and undergrowth, bears N. and S., at the base of descent, bearing N. and S.; over nearly level bottom of East Willow Creek Canyon, through a medium growth of sagebrush.
9.20	East Willow Creek, clear water, 10 lks. wide, 4 ins. deep, in wash, 50 lks. wide, 15 ft. deep, course N.
13.00	Cattle corral bears S. about 4.00 chs. dist.; line follows bottom of ravine, draining W.
20.50	Leave bottom of ravine and sagebrush, 15 ft. above East Willow Creek; asc. W. slope 235 ft., through heavy aspen, spruce, yellow pine, cedar and pinon pine, and scattering oak and buck brush, bearing NE. and SW.
36.00	Spur, slopes N. about 1.00 ch. dist.; desc. 20 ft. to
40.00	In a shallow draw, draining N., set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 35 / S 2 1921
	from which,
	A spruce, 10 ins. diam., bears N.3°30'E., 8 lks. dist., marked ¼ S 35 B T.
	A spruce, 16 ins. diam., bears S.4°30'E., 36 lks. dist., marked ¼ S 2 B T.
50.00	Spur, 100 ft. above ¼ sec. cor., slopes N. about 1.00 ch. dist.; desc. abruptly 175 ft.

Chains.	
58.70	Creek of clear water, 2 lks. wide, 3 ins. deep, in the bottom of ravine, course N.80°W.; asc. 475 ft. to sec. cor.
63.40	Perpendicular ledge, 40 ft. high, bears NW. and SE.
68.00	Leave heavy timber and scattering undergrowth and enter a medium growth, bears NW. and SE.
80.00	On a SW. slope of spur, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 1, 2, 35 and 36, with brass cap mkd:

T17S	R21E
S35	S36
S2	S1

T18S
1921

from which,

A pinon pine, 6 ins. diam., bears N.36°15'E., 56 lks. dist., marked T 17 S R 21 E S 36 B T.

A pinon pine, 18 ins. diam., bears S.42°E., 26 lks. dist., marked T 18 S R 21 E S 1 B T.

A pinon pine, 10 ins. diam., bears S.27°15'W., 40 lks. dist., marked T 18 S R 21 E S 2 B T.

A spruce, 10 ins. diam., bears N.32°45'W., 35 lks. dist., marked T 17 S R 21 E S 35 B T.

Land; abrupt and rough mountains with light sandstone outcroppings.

Soil; dark sandy loam, shallow on slopes, but several ft. deep in the bottoms of ravines and canyons.

Timber; aspen, spruce, yellow pine, cedar and pinon pine.

Undergrowth; sagebrush, oak and buck brush.

W. 9.20 chs. drains NE.; E. 70.80 chs. drains NW.

Excellent growth of grass and browse.

East bet. secs. 1 and 36.

Asc. 10 ft. over NW. slope, through a medium growth of spruce, yellow pine, mahogany, cedar, pinon pine and dense deer browse, service-berry bushes, oak and buck brush.

North Boundary of T. 18 S., R. 21 E.

Chains.	
0.70	Spur, slopes SW. about 6.00 chs. dist.; desc. 45 ft.
7.10	Draw, course SW.; patch of heavy aspen along bottom of draw; leave timber, bears NE. and SW.; asc. 520 ft.
27.50	Ridge, bears N. and S.; enter a medium growth of sagebrush, bears N. and S.; desc. 210 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: S 36 ¼ S 1 1921 from which, A spruce, 12 ins. diam., bears N.34°30'W., 181 lks. dist., marked ¼ S 36 B T. A spruce, 6 ins. diam., bears S.3°30'W., 67 lks. dist., marked ¼ S 1 B T.
45.50	Draw, 175 ft. below ¼ sec. cor., course NE.; patch of heavy aspen along bottom of draw; asc. 320 ft.
55.00	Spur, projects NE. approximately 30.00 chs. dist.; enter a medium growth of spruce, cedar, pinon pine and mahogany, bears NE. and SW.; desc. 145 ft. along a S. slope to and 135 ft. above
80.00	Intersect the E. bdy. of the Tp., 161 lks. N./of the temp. Tp. cor., and at the point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of Tps. 17 and 18 S., Rs. 21 and 22 E., with brass cap mkd: T17S R21E | R22E S36 | S31 S1 | S6 T18S 1921 from which, A spruce, 20 ins. diam., bears N.19°E., 39 lks. dist., marked T 17 S R 22 E S 31 B T. A spruce, 24 ins. diam., bears S.48°30'E., 130 lks. dist., marked T 18 S R 22 E S 6 B T. A cedar, 8 ins. diam., bears S.65°45'W., 72 lks. dist., marked T 18 S R 21 E S 1 B T. A spruce, 16 ins. diam., bears N.69°30'W., 35

Subdivision of T. 18 S., R. 21 E.

Chains.

lks. dist., marked T 17 S R 21 E S 36 B T.

Therefore, the length of the line bet. secs. 1 and 6 is 73.07 chs.

Land; steep and rolling mountains with light and red sandstone outcroppings.

Soil; dark sandy loam, 1 to 3 ft. deep, lying on bed-rock.

Timber; aspen, spruce, cedar, yellow pine, mahogany and pinon pine.

Undergrowth; oak and buck brush, deer browse, sagebrush and service-berry bushes.

General drainage; NW., W. 27.50 chs.; SE., E. 52.50 chs.

Fair growth of grass and browse.

Subdivision of T. 18 S., R. 21 E.

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

N.0°01'W. bet. secs. 35 and 36.

Asc. 495 ft. over rough and abrupt SW. slope, through a medium growth of cedar, spruce, pinon pine and mahogany, and dense oak brush, young mahogany and service-berry bushes.

10.10 Perpendicular ledge, 10 ft. high, bears E. and W.

24.40 Ridge, bears NW. and SE.; desc. abruptly 485 ft.

25.30 Perpendicular ledge, 40 ft. high, bears NW. and SE.

36.50 Fork of Spruce Canyon, course SE.; asc. abruptly 150 ft. to

40.00 True point for ¼ sec. cor. falls on a sloping ledge, 30 ft. high, bearing NW. and SE., where it is impossible to cut a cross(X) or set the post.

40.40 On top of the ledge, set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bed-rock and surrounded by a mound of stones for witness ¼ sec. cor., with brass cap mkd:

S 35 | S 36

WC

1921

Subdivision of T. 18 S., R. 21 E.

Chains.

from which,

A pinon pine, 12 ins. diam., bears S.47°E., 113 lks. dist., marked W C ¼ S 36 B T.

A pinon pine, 8 ins. diam., bears N.65°W., 39 lks. dist., marked W C ¼ S 35 B T.

42.00 Perpendicular ledge, 20 ft. high, bears NW. and SE.

65.80 Ridge, 465 ft. above witness ¼ sec. cor., bears NW. and SE.; desc. 110 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 25, 26, 35 and 36, with brass cap mkd:

T18S	R21E
S26	S25
S35	S36

1921

from which,

A mahogany, 5 ins. diam., bears N.22°30'E., 17 lks. dist., marked T 18 S R 21 E S 25 B T.

A mahogany, 6 ins. diam., bears S.53°15'E., 71 lks. dist., marked T 18 S R 21 E S 36 B T.

A mahogany, 8 ins. diam., bears S.50°W., 16 lks. dist., marked T 18 S R 21 E S 35 B T.

A pinon pine, 8 ins. diam., bears N.42°W., 24 lks. dist., marked T 18 S R 21 E S 26 B T.

Land; steep and rugged mountains with white and red sandstone in the form of large boulders and ledges; general drainage SE.

Soil; rocky and shallow red sand.

Timber; cedar, spruce, pinon pine and mahogany.

Undergrowth; oak brush, young mahogany and service-berry bushes.

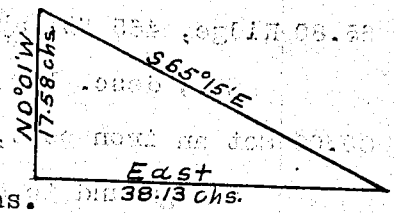
Scattering growth of grass.

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

The greater portion of this mile is impracticable to chain, owing to series of high ledges on the sides of canyons; therefore I determine the distance as follows: Set a flag on line on the E. side of canyon; then from

Chains.

the cor. of secs. 25, 26, 35 and 36, measure a base line N.0°01'W. 17.58 chs. to a point from which the flag on random line bears S.65°15'E. From the flag the N. end of the base bears N.65°15'W.; all bearings checked by direct reading of the solar, and by separate measurement of each angle by deflection they are found respectively 90°01', 65°14' and 24°45', and their sum is equal to 180°00'.



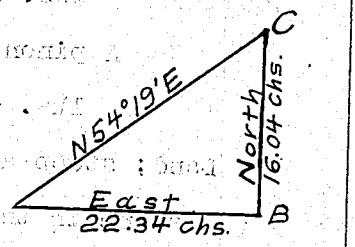
Dist. by triangulation = 38.13 chs.

Thence, by direct measurement from triangulation point.

40.00 Set temp. ¼ sec. cor.

57.30 I designate this point as point A, and determine the remaining distance as follows:

Set a flag B at the intersection of the random line with the E. bdy. of the Tp., also a flag C on the E. bdy. of Tp., which from point A bears N.54°19'E.; the base BC bears N. 16.04 chs. dist. All bearings checked by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions with an error of 30" balanced to 180°, they are found respectively 90°00', 54°19' and 35°41'.



Dist. on random line = 57.30 chs.
Dist. by triangulation = 22.34 "
79.64 "., or at

79.64 Intersect the E. bdy. of the Tp., 14 lks. S. of the true point for cor. of secs. 25 and 36, hereinbefore described.

Thence,

S.89°54'W. bet. secs. 25 and 36, giving approximate distances to topography on true line.

Asc. 90 ft. over rough SE. slope, through a medium growth of cedar, spruce, pinon pine and mahogany, and scattering oak and buck brush, service-berry bushes and young mahogany.

1.80 Spur, slopes SW. about 12.00 chs. dist.; desc. abruptly 320 ft.

Subdivision of T. 18 S., R. 21 E.

Chains.	
10.10	Fork of Spruce Canyon, course SW.; asc. abruptly 600 ft. to
22.34	Point of triangulation "A"; asc. abruptly 90 ft.
24.00	Ridge, bears N. and S.; enter scattering yellow pine timber, bears N. and S.; desc. abruptly 410 ft. to
39.82	On a rugged W. slope, set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: $\frac{\frac{1}{4}\ S\ 25}{S\ 36}$ 1921 from which,
	A yellow pine, 16 ins. diam., bears N.55°W., 36 lks. dist., marked ¼ S 25 B T.
	A pinon pine, 10 ins. diam., bears S.89°30'E., 18 lks. dist., marked ¼ S 36 B T.
	Continue abrupt descent of 300 ft.
41.51	Point of triangulation.
51.80	Spruce Canyon, course SE.; asc. abruptly 510 ft. to
79.64	The cor. of secs. 25, 26; 35 and 36.
	Land; steep and rugged sides of canyons with series of white and red sandstone ledges; general drainage SE.
	Soil; very shallow and rocky red sand.
	Timber; cedar, spruce, yellow pine, mahogany and pinon pine.
	Undergrowth; oak and buck brush, service berry bushes and young mahogany.
	Scattering growth of bunch grass.
	N.0°01'W. bet. secs. 25 and 26.
	Desc. rough N. slope 50 ft., through a medium growth of cedar, pinon pine, mahogany, spruce and yellow pine timber, and scattering undergrowth of oak and buck brush, service berry bushes and young mahogany.
4.30	Draw, course E.; asc. 90 ft.
17.60	Spur, projects E. about 15.00 chs. dist.; desc. 365 ft. to

Subdivision of T. 18 S., R. 21 E.

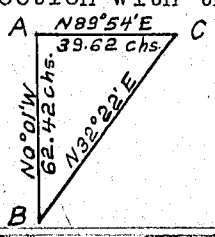
Chains.	
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 26 | S 25 1921
	from which,
	A spruce, 20 ins. diam., bears S.28°E., 25 lks. dist., marked ¼ S 25 B T.
	A spruce, 18 ins. diam., bears N.33°W., 22 lks. dist., marked ¼ S 26 B T.
41.00	Ravine, 25 ft. below ¼ sec. cor., course E. about 4.00 chs. dist. to Spruce Canyon; asc. abruptly 350 ft.
57.30	Spur, projects E. approximately 5.00 chs. dist.; desc. abruptly 280 ft.
57.40	Perpendicular ledge, 75 ft. high, bears NE. and SW.
62.40	Spruce Canyon, course SE.; heavy growth of maple along bottom of canyon; asc. abruptly 260 ft.
71.30	Spur, projects W. approximately 10.00 chs. dist.; enter heavy spruce and yellow pine timber, bears E. and W.; desc. abruptly 165 ft.
75.40	Dry wash, 25 lks. wide, 5 ft. deep, in the bottom of a fork of Spruce Canyon, course SW.; over nearly level bottom of canyon to witness sec. cor.
75.70	Enter heavy maple timber, and dense undergrowth of oak brush and service berry bushes, bears NE. and SW.
79.13	Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for witness cor. of secs. 23, 24, 25 and 26, with brass cap mkd:
	WC T18S | R21E S23 | S24 S26 | S25 1921
	from which,
	A yellow pine, 30 ins. diam., bears N.15°E., 48 lks. dist., marked W C T 18 S R 21 E S 24 B T.
	A spruce, 16 ins. diam., bears S.30°E., 26 lks. dist., marked W C T 18 S R 21 E S 25 B T.
	A spruce, 6 ins. diam., bears S.24°45'W., 20

Chains.	
	lks. dist., marked W C T 18 S R 21 E S 26 B T.
	A spruce, 6 ins. diam., bears N.49°45'W., 15
	lks. dist., marked W C T 18 S R 21 E S 23 B T.
79.90	The same dry wash, 30 lks. wide, 6 ft. deep, in the bottom of Spruce Canyon, course SE.
80.00	The true point for cor. of secs. 23, 24, 25 and 26 falls in the wash. Corner not set.
	Land; line runs along the abrupt and rough E. and W. sides of the main fork of Spruce Canyon over shale, white and red sandstone outcroppings; general drainage S.
	Soil; shallow and rocky red sand on slopes; dark sandy loam 1 to 4 ft. deep in the bottoms of ravines and canyons.
	Timber; cedar, pinon pine, mahogany, spruce, yellow pine and maple.
	Undergrowth; oak and buck brush, service-berry bushes and young mahogany.
	Fair growth of grass.

From the true point for cor. of secs. 23, 24, 25 and 26, N.89°54'E. on a random line bet. secs. 24 and 25.

As this line crosses the abrupt sides of canyons, over series of high ledges, and through dense tall undergrowth, making chaining impracticable, I make the following triangulations:

I designate the true point for cor. of secs. 23, 24, 25 and 26, as point A, and the flag set at the 17.58 ch. point bet. secs. 25 and 26, as point B; then set a point C on random line, on the E. side of canyon. From the point B the flag C bears N.32°22'E., and from the flag C the S. end of the base bears S.32°22'W. All angles checked by direct reading of the solar, and by separate measurement of each angle by deflection with three repetitions with an error of 30" balanced to 180°, they are



Chains.

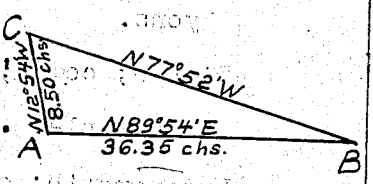
found respectively 90°05', 32°23' and 57°32'.

Dist. by triangulation = 39.62 chs.

Thence, by direct measurement from triangulation point C.

-40.00 Set temp. ¼ sec. cor.

43.20 I designate this point as point A, and set a flag B at the intersection of the random line with the E. bdy. of the Tp.; then from station A measure a baseline N.12°54'W. 8.50 chs. dist., along the top of ridge to a point C which from flag B bears N.77°52'W. From the N. end of the base the flag B bears S.77°52'E.; all bearings checked by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions with an error of 1' balanced to 180°, they are found respectively 102°48', 12°14' 64°58'. Longer base impracticable.



Dist. on-random line = 43.20 chs.
Dist. by triangulation = 36.35 "
79.55 chs., or at

79.55 Intersect the E. bdy. of the Tp., 7 lks. N. of the cor. of secs. 24 and 25, hereinbefore described.

Thence,

S.89°57'W. bet. secs. 24 and 25, giving approximate distances to topography on true line.

Desc. abruptly 325 ft. along a rugged S. slope, through a medium growth of cedar, pinon pine, spruce, mahogany and dense service-berry bushes, young mahogany, oak and buck brush.

15.00 Canyon, course SE.; asc. abruptly 815 ft. to

36.35 36.75 Triangulation point A; asc. gradually 10 ft.

36.60 Rugged ridge, bears N.10°W. and S.10°E.; desc. abruptly 170 ft. to

39.775 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼ S 24 / S 25
1921

Subdivision of T. 18 S., R. 21 E.

Chains.	
	from which,
	A pinon pine, 6 ins. diam., bears N.35°45'E., 6 lks. dist., marked ¼ S 24 B T.
	A cedar, 6 ins. diam., bears S.48°30'E., 32 lks. dist., marked ¼ S 25 B T.
	Continue abrupt descent of 315 ft. from this cor.
39.93	Triangulation point C.
50.20	Fork of Spruce Canyon, course SW.; asc. abruptly 470 ft.
61.00	Spur, projects S. approximately 15.00 chs. dist.; enter scattering yellow pine, bears N. and S.; desc. abruptly 450 ft. to true point for sec. cor.
75.00	Leave cedar, pinon pine and mahogany and enter heavy spruce, balsam, yellow pine, boxelder and maple, bears NE. and SW.
79.55	The true point for cor. of secs. 23, 24, 25 and 26, in wash.
	Land; steep and rugged sides of canyons with shale, white and red sandstone in the form of large boulders and ledges; general drainage SE., E. 36.60 chs.; S., W. 42.95 chs.
	Soil; very shallow and rocky red sand, E. 75.00 chs.; dark sandy loam several ft. deep, W. 4.55 chs.
	Timber; cedar, spruce, pinon pine, balsam, yellow pine, mahogany, boxelder and maple.
	Undergrowth; oak and buck brush, service-berry bushes and young mahogany.
	Scattering growth of bunch grass and browse.
	From true point for cor. of secs. 23, 24, 25 and 26, N.0°01'W. bet. secs. 23 and 24.
0.20	Leave wash; over nearly level bottom of Spruce Canyon, through heavy spruce, balsam, yellow pine, maple and boxelder, and a medium growth of oak brush and scattering service-berry bushes.
10.00	Leave bottom of canyon and heavy timber, bears NW. and SE.; asc. abruptly 450 ft. to ¼ sec. cor., along a SE. slope,

Chains.

over series of ledges, 10 to 40 ft. high, bearing NE. and SW., through a medium growth of spruce, balsam, yellow pine, cedar, pinon pine, mahogany and oak and buck brush.

40.00 On top of spur, projecting SW. approximately 15.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼
S 23 | S 24
1921

from which,

A pinon pine, 8 ins. diam., bears S.78°30'E., 68 lks. dist., marked ¼ S 24 B T.

A pinon pine, 14 ins. diam., bears N.5°15'W., 93 lks. dist., marked ¼ S 23 B T.

Desc. 210 ft. over rugged NW. slope from this cor.

65.00 Head of Spruce Canyon, course SW.; asc. 230 ft. to

80.00 On a rough SW. slope, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap mkd:

T18S | R21E
S14 | S13
S23 | S24
1921

from which,

A spruce, 30 ins. diam., bears N.74°30'E., 111 lks. dist., marked T 18 S R 21 E S 13 B T.

A spruce, 16 ins. diam., bears S.55°45'E., 40 lks. dist., marked T 18 S R 21 E S 24 B T.

A spruce, 4 ins. diam., bears S.36°15'W., 38 lks. dist., marked T 18 S R 21 E S 23 B T.

A spruce, 24 ins. diam., bears N.80°30'W., 37 lks. dist., marked T 18 S R 21 E S 14 B T.

Land; abrupt and rough mountains of shale, white and red sandstone in the form of boulders and ledges; general drainage S.

Soil; shallow and rocky red sand on the sides of canyon; dark loam several ft. deep in the bottom of canyon.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	Timber; spruce, balsam, yellow pine, cedar, pinon pine, mahogany, maple and boxelder.
	Undergrowth; oak and buck brush, and service-berry bushes.
	Fair growth of browse and scattering bunch grass.
	N.89°57'E. on a random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.82	Intersect the E. bdy. of the Tp., 49 lks. N. of the cor. of secs. 13 and 24, hereinbefore described.
	Thence,
	N.89°42'W. on a true line bet. secs. 13 and 24.
	Desc. 125 ft. over NW. slope, through scattering spruce, aspen, yellow pine, mahogany and dense oak and buck brush, service-berry bushes, deer browse and rosebushes.
6.50	Ravine, course N.; asc. 575 ft.
27.50	Spur, projects N.30°E. about 15.00 chs. dist.; desc. 150 ft.
28.70	Enter heavy aspen, spruce, yellow pine and mahogany, bears NE. and SW.
34.00	Head of draw, course N.; asc. 30 ft.
38.20	Spur, projects N. about 12.00 chs. dist.; desc. 40 ft. to ¼ sec. cor.
38.90	Leave heavy timber and enter scattering, bears N. and S.
39.91	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 13 / S 24 1921
	from which,
	A spruce, 6 ins. diam., bears N.0°30'E., 93 lks. dist., marked ¼ S 13 B T.
	A spruce, 5 ins. diam., bears S.10°E., 16 lks. dist., marked ¼ S 24 B T.
46.40	Ravine, 185 ft. below ¼ sec. cor., course N. about 15.00 chs. dist., thence NE.; asc. abruptly 785 ft.
51.20	Enter heavy aspen, spruce and yellow pine, bears N. and S.
73.60	Leave heavy timber and dense undergrowth, bears NW. and SE.

Subdivision of T. 18 S., R. 21 E.

Chains.	
73.80	Ridge, bears NW. and SE.; desc. 100 ft. to sec. cor.
74.00	Enter heavy spruce, yellow pine, mahogany and pinon pine, and a medium growth of oak and buck brush, bears NW. and SE.
79.82	The cor. of secs. 13, 14, 23 and 24.
	Land; steep and rough mountains with outcroppings of light colored sandstone; drainage NE. with a northern exposure, E. 73.80 chs.; W. 6.02 chs. drains S. with a southern exposure.
	Soil; black loam and a sandy loam about 1 to 3 ft. deep, lying on bed-rock.
	Timber; spruce, aspen, yellow pine, mahogany and pinon pine.
	Undergrowth; oak and buck brush, service-berry bushes, deer browse and rosebushes.
	Fair growth of grass and browse.
	N.0°01'W. bet. secs. 13 and 14.
	Asc. abruptly 180 ft. over SW. slope, through heavy spruce, pinon pine, mahogany, yellow pine and a medium growth of oak and buck brush.
4.10	Ridge from N.60°E. forks S.60°W. and SE.; leave timber, bears SE. and NW., and enter dense oak brush, bears NE. and SW.; asc. 40 ft. across the head of ravine, draining W.
24.50	Ridge, bears NW. and SE.; enter heavy aspen, bears NW. and SE.; desc. 265 ft.
30.30	Leave aspen and enter scattering spruce, bears NW. and SE.
34.00	Ravine, course SE.; asc. 20 ft.
36.00	Spur, projects SE. approximately 20.00 chs. dist.; desc. 75 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

$\frac{1}{4}$

S 14 | S 13

1921

Chains.

from which,

A spruce, 5 ins. diam., bears S.56°E., 16 lks. dist., marked ¼ S 13 B T.

A spruce, 8 ins. diam., bears S.34°W., 11 lks. dist., marked ¼ S 14 B T.

43.00 Ravine, 30 ft. below ½ sec. cor., course SE.; leave timber, bears NW. and SE.; asc. 300 ft.

53.50 Ridge, bears NE. and SW.; desc. 330 ft. to sec. cor.

60.50 Leave oak brush and enter a medium growth of aspen and dense deer browse, bears NW. and SE.

80.00 In the head of a fork of Diamond Canyon, draining N.15°E., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap mkd:

T18S	R21E
S11	S12
S14	S13

1921

from which,

An aspen, 8 ins. diam., bears N.68°15'E., 95 lks. dist., marked T 18 S R 21 E S 12 B T.

An aspen, 8 ins. diam., bears S.80°45'E., 75 lks. dist., marked T 18 S R 21 E S 13 B T.

An aspen, 8 ins. diam., bears S.37°W., 34 lks. dist., marked T 18 S R 21 E S 14 B T.

An aspen, 10 ins. diam., bears N.17°45'W., 45 lks. dist., marked T 18 S R 21 E S 11 B T.

Land; rough mountainous, S. 4.10 chs., rolling mountainous, N. 75.90 chs.; outcroppings of white sandstone; drainage S., S. 4.10 chs., NE., N. 55.50 chs., remainder of mile drains NW.

Soil; light sandy loam, 6 ins. to 18 ins. deep on spurs and ridges, several ft. deep in the bottoms of ravines and canyons.

Timber; aspen, spruce, pinon pine, mahogany and yellow pine.

Undergrowth; deer browse, oak and buck brush.

Excellent growth of grass and browse.

Chains.

S.89°42'E. on a random line bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

79.66 Intersect the E. bdy. of the Tp., 9 lks. S. of the cor. of secs. 12 and 13, hereinbefore described.

Thence,

N.89°46'W. on a true line bet. secs. 12 and 13.

Desc. 140 ft. along rough NW. slope, through a medium growth of spruce, cedar, pinon pine, mahogany and scattering service-berry bushes, young mahogany, dense deer browse, oak and buck brush.

10.70 Head of draw, course NE.; asc. abruptly 535 ft.

24.70 Spur, projects SE. about 7.00 chs. dist., thence N.70°E.; desc. abruptly 385 ft. over series of ledges, 10 to 30 ft. high, bearing NW. and SE. to ¼ sec. cor.

29.40 Perpendicular ledge, 30 ft. high, bears NW. and SE.

39.60 Perpendicular ledge, 25 ft. high, bears NW. and SE.

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

¼ S 12 / S 13
1921

from which,

A spruce, 14 ins. diam., bears N.31°45'W., 28 lks. dist., marked ¼ S 12 B T.

A pinon pine, 10 ins. diam., bears S.60°30'W., 44 lks. dist., marked ¼ S 13 B T.

Continue descent of 75 ft. from this cor. over series of sloping and perpendicular ledges, 5 to 20 ft. high, bearing NW. and SE.

48.50 Ravine, SE.; asc. abruptly 620 ft.

59.00 Perpendicular ledge, 25 ft. high, bears N.20°W. and S.20°E.

62.00 Leave timber, bears NW. and SE.

70.50 Spur, projects N. about 5.00 chs. dist., thence NE.; desc. 200 ft. to sec. cor.

76.40 Enter scattering aspen, dense service-berry bushes and chokecherry, bears W. and S.

78.00 Leave timber and undergrowth, bears W. and S., at the

Chains.	
	base of descent, bearing N. and S.; over level meadow in the bottom of fork of Diamond Canyon to
79.66	The cor. of secs. 11, 12, 13 and 14.
	Land; abrupt and rough mountains of white and red sandstone formation; drainage SE. to Diamond Canyon, E. 70.50 chs., NW. to Diamond Canyon, W. 9.16 chs.
	Soil; shallow and rocky red sand, E. 79.00 chs.; dark loam several ft. deep, W. 0.83 chs.
	Timber; cedar, spruce, pinon pine, mahogany and aspen.
	Undergrowth; oak and buck brush, deer browse, young mahogany, service-berry bushes and chokecherry.
	Fair growth of grass and browse. Excellent grazing in the head of Diamond Canyon.
	N.0°01'W. bet. secs. 11 and 12.
	Over level meadow in the bottom of fork of Diamond Canyon, through scattering aspen.
1.00	Leave aspen, bears NE. and SW.
1.20	Leave meadow and bottom of canyon, bears NE. and SW.; asc. gradually 45 ft. along SE. slope, through dense oak brush, service-berry and chokecherry bushes and scattering yellow pine.
19.50	Top of ascent, bears NW. and SW.; enter dense buck brush, deer browse and rosebushes, bears NW. and SE.; desc. 50 ft.
22.20	Draw, course E.; asc. 80 ft.
35.00	Spur, projects E. about 10.00 chs. dist.; desc. 95 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 11 | S 12

1921

from which,

A spruce, 8 ins. diam., bears S.39°E., 89 lks. dist., marked ¼ S 12 B T.

A spruce, 6 ins. diam., bears S.74°W., 61 lks. dist., marked ¼ S 11 B T.

Subdivision of T. 18 S., R. 21 E.

Chains.	
41.20	Draw, 25 ft. below ¼ sec. cor., course E.; asc. 50 ft.
44.40	Spur, projects E. approximately 12.00 chs. dist.; desc. 260 ft.
49.70	Enter heavy aspen, bears E. and W.
54.60	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course E.; leave aspen and enter a medium growth of spruce, yellow pine, red cedar and pinon pine, bears E. and W.; asc. 250 ft.
61.80	Spur, projects E. approximately 25.00 chs. dist.; desc. 130 ft.
67.30	Head of ravine, course E.; asc. abruptly 230 ft. to sec. cor.
79.70	Leave medium growth of timber and enter scattering,
80.00	On a S. slope, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 1, 2, 11 and 12, with brass cap mkd:

T18S	R21E
S2	S1
S11	S12

1921

from which,

A pinon pine, 10 ins. diam., bears N.8°E., 235 lks. dist., marked T 18 S R 21 E S 1 B T.

A pinon pine, 12 ins. diam., bears S.29°15'E., 42 lks. dist., marked T 18 S R 21 E S 12 B T.

A pinon pine, 6 ins. diam., bears S.14°30'W., 48 lks. dist., marked T 18 S R 21 E S 11 B T.

A spruce, 6 ins. diam., bears N.14°W., 406 lks. dist., marked T 18 S R 21 E S 2 B T.

Land; steep and rough E. slope of ridge, over spurs and ravines putting E.; outcroppings of light sandstone.

Soil; dark loam, 1 to 3 ft. deep, lying on bed-rock.

Timber; aspen, spruce, yellow pine, red cedar and pinon pine.

Undergrowth; oak and buck brush, deer browse, rosebushes, chokecherry and service berry bushes,

Good grazing of grass and browse.

Chains.	
	S.89°46'E. on a random line bet. secs. 1 and 12.
40.00	Set temp. ¼ Sec. cor.
79.68	Intersect the E. bdy. of the Tp., 26 lks. S. of the cor. of secs. 1 and 12, hereinbefore described.
	Thence,
	N.89°57'W. on a true line bet. secs. 1 and 12.
	Desc. abruptly 325 ft. along rough N. slope, through dense oak and buck brush, deer browse and scattering service berry bushes.
24.70	Ravine, course N.; asc. abruptly 350 ft.
29.70	Enter scattering spruce, cedar, pinon pine and maple, bears N. and S.
37.70	Spur, slopes N. about 5.00 chs. dist.; desc. 15 ft. to
39.84	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

$$\frac{1}{4}\ \frac{S\ 1}{S\ 12}$$
1921

from which,

A spruce, 10 ins. diam., bears N.89°E., 196 lks. dist., marked ¼ S 1 B T.

A spruce, 16 ins. diam., bears S.87°E., 151 lks. dist., marked ¼ S 12 B T.

Desc. abruptly 340 ft. from this cor.

54.70	Creek of clear water, 2 lks. wide, 1 in. deep, in the bottom of a fork of Diamond Canyon, course NE.; scattering boxelder along creek; asc. abruptly 965 ft. over outcroppings to
79.68	The cor. of secs. 1, 2, 11 and 12.
	Land; abrupt and rough slopes of a fork of Diamond Canyon; light sandstone outcroppings; general drainage NE.
	Soil; rocky sandy loam from a few ins. to about 3 ft. deep, lying on bed-rock on slopes; dark loam several ft. deep in the bottom of Diamond Canyon.
	Timber; spruce, cedar, pinon pine, maple and boxelder.
	Undergrowth; oak and buck brush, deer browse and service berry bushes. Good grazing.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	N.0°01'W. on a random line bet. secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
72.98	Intersect the N. bdy. of the Tp., 36 lks. E. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.
	Thence,
	S.0°18'E. on a true line bet. secs. 1 and 2.
	Asc. 5 ft. over NW. slope, through scattering spruce, yellow pine, red cedar, pinon pine and mahogany, and dense oak and buck brush, deer browse, scattering rose-bushes, chokecherry and service berry bushes.
0.50	Spur, slopes SW. about 5.00 chs. dist.; desc. 175 ft.
8.90	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of draw, course SW.; patch of heavy aspen in the bottom of draw; asc. 175 ft.
17.20	Spur, projects W. about 10.00 chs. dist.; desc. 110 ft.
25.70	Leave scattering timber and dense undergrowth and enter heavy aspen, bears NW. and SE.
26.80	Ravine, course NW.; asc. 145 ft. to
32.98	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 2 | S 1

1921

from which,

An aspen, 7 ins. diam., bears S.67°45'E., 34 lks. dist., marked ¼ S 1 B T.

An aspen, 5 ins. diam., bears N.72°45'W., 10 lks. dist., marked ¼ S 2 B T.

	Asc. 420 ft. from this cor.
34.40	Leave aspen and enter dense oak brush, bears NW. and SE.
36.40	Leave undergrowth and enter heavy aspen, bears NW. and SE.
43.50	Leave aspen and enter scattering cedar, pinon pine and spruce, and dense oak and buck brush and scattering service berry bushes, bears E. and W.
49.50	Ridge, bears NE. and SW.; desc. 150 ft.
63.90	Head of draw, course E.; asc. 80 ft.

Subdivision of T. 18 S., R. 21 E.

Chains.	
67.90	Spur, projects E. approximately 25.00 chs. dist.; desc. 65 ft. to
72.98	The cor. of secs. 1, 2, 11 and 12.
	Land; steep and rough mountains of light sandstone in the form of outcroppings; drainage NW., N. 49.50 chs., E., S. 23.48 chs.
	Soil; dark and black loam, 1 to 3 ft. deep, lying on bedrock, on slopes; deeper in the bottoms of draws and ravines.
	Timber; aspen, spruce, yellow pine, red cedar, pinon pine and mahogany.
	Undergrowth; oak and buck brush, deer browse, rosebushes, chokecherry and service berry bushes.
	Good grazing of grass and browse.
	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described,
	N.0°01'W. bet. secs. 34 and 35.
	Asc. 170 ft. over rough SE. slope, through dense sagebrush.
0.50	Leave sagebrush and enter dense oak and buck brush, scattering service berry and chokecherry bushes, bears E. and W.
1.00	Enter a medium growth of cedar, pinon pine, spruce, yellow pine and mahogany, bears NW. and SE.
6.00	Top of ascent, bears NW. and SE.; desc. 180 ft.
18.50	Leave timber and undergrowth, bears NW. and SE., at the base of descent, bearing NW. and SE.; over level bottom of Teepee Canyon, through heavy cottonwood, boxelder, birch and maple, and dense chokecherry bushes.
20.70	Teepee Creek of clear water, 2 lks. wide, 2 ins. deep, course S.10°E.
21.60	Leave timber and enter dense oak and buck brush, mahogany and scattering service berry bushes and deer browse, bears NW. and SE.
22.00	Enter a medium growth of cedar, pinon pine, spruce and yellow pine, bears NW. and SE.; leave bottom of canyon; asc. abrupt and rough SW. slope 350 ft. to ¼ sec. cor.

Chains.

33.30 Top of broken ledge, 100 ft. high, bears N.60°W. and S.60°E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:-

¼

S 34 | S 35

1921

from which,

A spruce, 10 ins. diam., bears S.55°45'E., 35 lks. dist., marked ¼ S 35 B T.

A pinon pine, 10 ins. diam., bears S.75°30'W., 45 lks. dist., marked ¼ S 34 B T.

Continue abrupt ascent of 405 ft. over rough SW. slope to sec. cor.

63.80 Timber becomes heavier, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 26, 27, 34 and 35, with brass cap mkd:

T18S	R21E
S27	S26
S34	S35

1921

from which,

A cedar, 6 ins. diam., bears N.67°30'E., 15 lks. dist., marked T 18 S R 21 E S 26 B T.

A mahogany, 6 ins. diam., bears S.20°15'E., 20 lks. dist., marked T 18 S R 21 E S 35 B T.

A mahogany, 6 ins. diam., bears S.64°45'W., 12 lks. dist., marked T 18 S R 21 E S 34 B T.

A mahogany, 6 ins. diam., bears N.15°30'W., 65 lks. dist., marked T 18 S R 21 E S 27 B T.

Land; steep and rugged slopes of Teepee Canyon; outcroppings of white and red sandstone formation; general drainage SE.

Soil; very shallow and rocky red sand on slopes; dark loam several ft. deep in the bottom of Teepee Canyon.

Timber; cedar, pinon pine, spruce, yellow pine, mahogany,

Chains.	
	cottonwood, boxelder, birch and maple.
	Undergrowth; oak and buck brush, service berry and choke-cherry bushes, deer browse sagebrush and young mahogany.
	Scattering growth of bunch grass.
	East on a random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect N. and S. line at the cor. of secs. 25, 26, 35 and 36.
	Thence,
	West on a true line bet. secs. 26 and 35.
	Asc. abruptly 160 ft. over rough N. slope, through a medium growth of cedar, spruce, pinon pine, mahogany and yellow pine, and dense oak and buck brush, scattering service berry bushes and young mahogany.
6.10	Ridge, bears N. and S.; desc. abruptly 450 ft.
19.60	Fork of Spruce Canyon, course SE.; asc. abruptly 670 ft.
33.00	Ridge, bears N.20°W. and S.20°E.; desc. abruptly 260 ft. to
39.93	On a rough SE. slope, set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 26 / S 35 1921
	from which,
	A pinon pine, 6 ins. diam., bears N.60°15'W., 26 lks. dist., marked ¼ S 26 B T.
	A pinon pine, 6 ins. diam., bears S.49°30'E., 22 lks. dist., marked ¼ S 35 B T.
	Continue abrupt descent of 475 ft. from this cor.
50.50	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of canyon, course S.10°E.; asc. abruptly 730 ft.
69.50	Enter heavy timber, bears N. and S.
71.50	Ridge, bears N. and S.; desc. abruptly 235 ft. to
79.86	The cor. of secs. 26, 27, 34 and 35.
	Land; steep and rugged slopes of white and red sandstone

Chains.	
	in the form of boulders and ledges; general drainage SE.
	Soil; very shallow and rocky red sand.
	Timber; cedar, pinon pine, spruce, yellow pine and mahogany.
	Undergrowth; oak and buck brush, service berry bushes and young mahogany.
	Scattering growth of bunch grass.
	N.0°01'W. bet. secs. 26 and 27.
	Asc. 325 ft. along rough W. slope, through heavy cedar, spruce, pinon pine and mahogany, and a medium growth of oak and buck brush, and scattering service berry bushes.
12.70	Ascent becomes more gradual and timber more scattering, bearing NW. and SE.
31.20	Enter dense oak and buck brush, and scattering sagebrush, bears NW. and SE., on top of ridge, bearing NW. and SE.; desc. 180 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 27 | S 26 1921
	from which,
	A spruce, 6 ins. diam., bears S.82°W., 31 lks. dist., marked ¼ S 27 B T.
	There are no other trees within a reasonable distance suitable for marking, in sec. 26.
44.20	Leave sagebrush and enter a medium growth of cedar, spruce, balsam, pinon pine and mahogany, bears NW. and SE.
50.00	Dry wash, 15 lks. wide, 3 ft. deep, in the bottom of canyon, 225 ft. below ¼ sec. cor., course SE.; asc. 660 ft. over abrupt and rugged SW. slope to sec. cor.
57.50	Perpendicular ledge, 40 ft. high, bears NW. and SE.

Subdivision of T. 18 S., R. 21 E.

Chains.

73.00 Ascent becomes more abrupt over series of broken and perpendicular ledges, 10 to 30 ft. high, bearing NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the ground to bed-rock, between two large boulders, and surrounded by a mound of stone for cor. of secs. 22, 23, 26 and 27, with brass cap mkd:

T18S	R21E
S22	S23
S27	S26

1921

from which,

A spruce, 16 ins. diam., bears N.43°E., 16 lks. dist., marked T 18 S R 21 E S 23 B T.

A spruce, 10 ins. diam., bears S.10°45'E., 36 lks. dist., marked T 18 S R 21 E S 26 B T.

A cedar, 10 ins. diam., bears S.70°W., 40 lks. dist., marked T 18 S R 21 E S 27 B T.

A spruce, 18 ins. diam., bears N.39°30'W., 48 lks. dist., marked T 18 S R 21 E S 22 B T.

Land; abrupt and rough sides of canyons of light and red sandstone formation; drainage SE.

Timber; cedar, pinon pine, spruce, balsam and mahogany.

Undergrowth; oak and buck brush, service berry bushes and sagebrush.

Soil; shallow and rocky red sand; deeper sandy loam on NE. slope and on top of ridge.

Good grazing S. ½ mile.

East on a random line bet. secs. 23 and 26.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect N. and S. line, 36 lks. N. of the true point for cor. of secs. 23, 24, 25 and 26.

Thence,

N.89°45'W. on a true line bet. secs. 23 and 26.

Over nearly level bottom of Spruce Canyon, through heavy spruce, balsam, yellow pine, maple and boxelder, and a medium growth of oak brush and scattering service berry

Chains.	
	bushes.
1.00	Leave bottom of canyon, maple and boxelder, bears N. and S.; asc. abrupt E. slope 425 ft.
12.00	Spur, projects S. about 8.00 chs. dist.; enter scattering pinon pine, cedar and mahogany, bears N. and S.; desc. abruptly 375 ft.
32.20	W. fork of Spruce Canyon, course SE.; asc. 295 ft. to ¼ sec. cor.
37.00	Leave heavy spruce, balsam and yellow pine and enter scattering, bears NE. and SW.
40.02	On a NE. slope, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S 23 / S 26 1921 from which, A spruce, 6 ins. diam., bears N.18°E., 93 lks. dist., marked ¼ S 23 B T. A spruce, 6 ins. diam., bears S.25°E., 9 lks. dist., marked ¼ S 26 B T.
40.20	Enter dense oak and buck brush, young mahogany and deer browse, bears NW. and SE.
47.50	Ridge, 340 ft. above ¼ sec. cor., bears N.20°W. and S.20°E.; desc. 150 ft.
53.50	Head of ravine, course SW.; asc. 330 ft.
63.50	Timber becomes heavy, bears NE. and SW.
65.30	Spur, projects S.20°W. approximately 30.00 chs. dist.; desc. abruptly 325 ft. to
80.04	The cor. of secs. 22, 23, 26 and 27.
	Land; steep and rugged mountains with outcroppings of light sandstone; general drainage SE.
	Timber; spruce, balsam, yellow pine, cedar, pinon pine, mahogany, maple and boxelder.
	Soil; rocky and shallow red sand in the rough portions; dark loam on the sides of some of the ravines and canyons several ft. deep.

Chains.	
	Undergrowth; oak and buck brush, young mahogany, deer browse and service berry bushes.
	Fair growth of grass and browse.
	N.0°01'W. bet. secs. 22 and 23.
	Asc. abrupt SW. slope 380 ft., over a series of broken ledges, 5 to 20 ft. high, bearing NW. and SE., through a medium growth of spruce, cedar, balsam, pinon pine and mahogany, and scattering oak and buck brush.
10.60	Timber becomes more scattering, enter dense oak and buck brush, bears NW. and SE.
11.80	Leave timber and ledges, bear NW. and SE., at the top of abrupt ascent, bearing NW. and SE.; asc. more gradually 225 ft. to ¼ sec. cor., across the head of draw, draining S.60°E.
23.60	Enter scattering timber of spruce, balsam, mahogany and yellow pine, bears NE. and SW.
25.70	Timber becomes heavy, bears NE. and SW.
33.70	Leave heavy timber and enter scattering, bears NE. and SW.
40.00	On top of ridge, bearing N.70°E. and S.70°W., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 22 | S 23

1921

from which,

A spruce, 12 ins. diam., bears S.48°45'E., 191 lks. dist., marked ¼ S 23 B T.

A yellow pine, 20 ins. diam., bears S.20°15'W., 346 lks. dist., marked ¼ S 22 B T.

47.60	Enter a medium growth of spruce, yellow pine and scattering aspen, bears NW. and SE.
51.40	Ravine, 195 ft. below ¼ sec. cor., course E.; asc. 35 ft.
56.40	Spur, projects E. about 10.00 chs. dist.; leave timber, bears E. and W.; desc. 60 ft.
61.30	Draw, course E.; asc. 180 ft. to sec. cor.
69.20	Enter scattering spruce and yellow pine, bears NE. and SW.

Subdivision of T. 18 S., R. 21 E.

Chains.	
80.00	On top of spur, projecting N.60°E., set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 14, 15, 22 and 23, with brass cap mkd:

T18S	R21E
S15	S14
S22	S23

1921

from which,

A spruce, 6 ins. diam., bears N.61°E., 124 lks. dist., marked T 18 S R 21 E S 14 B T.

A yellow pine, 18 ins. diam., bears S.30°W., 154 lks. dist., marked T 18 S R 21 E S 22 B T.

A spruce, 6 ins. diam., bears N.2°15'W., 43 lks. dist., marked T 18 S R 21 E S 15 B T.

There are no available trees in sec. 23.

Land; steep and rough mountains with outcroppings of white and red sandstone, S. ½ mile; abrupt and mountainous, N. ½ mile; drainage SE., S. ½ mile, NE., N. ½ mile.

Soil; rocky and shallow red sand, S. 11.80 chs.; dark sandy loam from a few ins. to 3 ft. deep, lying on bedrock, N. 68.20 chs.

Timber; cedar, pinon pine, balsam, spruce, mahogany, yellow pine and aspen.

Undergrowth; oak and buck brush.

Excellent growth of grass and browse, N. 68.20 chs.

S.89°45'E. on a random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

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

Thence,

N.89°49'W. on a true line bet. secs. 14 and 23.

Desc. 10 ft. over SW. slope, through heavy cedar, spruce, pinon pine, mahogany and yellow pine, and a medium growth of oak and buck brush.

2.00 Head of Fork of Spruce Canyon, course S.; asc. 95 ft.

Chains.	
2.50	Leave heavy timber and enter scattering, bears NE. and SW.
3.50	Undergrowth becomes more dense, bears NE. and SW.
11.50	Ridge, bears NE. and SW.; desc. 530 ft.
21.20	Leave oak and buck brush and enter dense aspen undergrowth and timber, bears NE. and SW.
22.70	Head of draw, course N.; asc. gradually 150 ft. to
39.80	On an NE. slope, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

$$\frac{1}{4}\ \frac{S\ 14}{S\ 23}$$
1921

from which,

An aspen, 5 ins. diam., bears N.40°W., 6 lks. dist., marked ¼ S 14 B T.

An aspen, 5 ins. diam., bears S.21°30'W., 18 lks. dist., marked ¼ S 23 B T.

45.20	Spur, 10 ft. above ¼ sec. cor., projects NW. about 10.00 chs. dist.; desc. 230 ft.
50.50	Leave aspen undergrowth and timber, bears NW. and SE.; enter scattering spruce, yellow pine and dense oak and buck brush, bears N. and S.
51.20	Enter a medium growth of aspen, bears N. and S.
55.00	Dry wash, 5 lks. wide, 1 ft. deep, in the bottom of Harmes Canyon, course N.; asc. abruptly 795 ft. over rough SE. slope to sec. cor.
55.20	Leave aspen and enter a medium growth of spruce and yellow pine, bears N. and S.
61.50	Timber becomes more scattering, bears N. and S.
79.60	The cor. of secs. 14, 15, 22 and 23.

Land; abrupt and mountainous with shale and light sandstone outcroppings; drainage SE., E. 11.50 chs., generally to the N., W. 68.10 chs.

Soil; dark loam from a few ins. to about 3 ft. deep, lying on bed-rock.

Timber; aspen, spruce, yellow pine, cedar, pinon pine and mahogany.

Chains.	
	Undergrowth; young aspen, oak and buck brush. Good grazing.
	N.0°01'W. bet. secs. 14 and 15.
	Desc. abruptly 750 ft. over NW. slope, through a medium growth of aspen, spruce, balsam and yellow pine, and dense oak and buck brush, deer browse and scattering service berry bushes.
20.80	Ravine, course NE.; timber becomes more scattering, bearing NE. and SW.; asc. 265 ft. to ¼ sec. cor.
30.10	Top of broken ledge, 50 ft. high, bears NE. and SW.
40.00	On a rough S. slope, set an iron post, 3 ft. long, 1 in. in. diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 15 | S 14

1921

from which,

A spruce, 18 ins. diam., bears N.19°30'E., 146 lks. dist., marked ¼ S 14 B T.

A yellow pine, 12 ins. diam., bears N.31°30'W., 99 lks. dist., marked ¼ S 15 B T.

47.50	Spur, 65 ft. above ¼ sec. cor., projects E. approximately 15.00 chs. dist.; enter heavy aspen, spruce, balsam and yellow pine timber, bears E. and W.; desc. 220 ft.
54.50	Ravine, course NE.; asc. 35 ft.
65.00	Spur, projects NE. about 15.00 chs. dist.; timber becomes more scattering, bearing NE. and SW.; desc. 200 ft.
76.50	Draw, course NE.; asc. 40 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 10, 11, 14 and 15, with brass cap mkd:

T18S | R21E
S10 | S11
S15 | S14
1921

from which,

A spruce, 16 ins. diam., bears N.76°30'E., 48

Chains.	
	lks. dist., marked T 18 S.R 21 E S 11 B T.
	A spruce, 16 ins. diam., bears S.21°45'E., 240.
	lks. dist., marked T 18 S R 21 E S 14 B T.
	A yellow pine, 18 ins. diam., bears S.27°30'W., 98
	lks. dist., marked T 18 S R 21 E S 15 B T.
	A spruce, 14 ins. diam., bears N.0°30'W., 9
	lks. dist., marked T 18 S R 21 E S 10 B T.
	Land; line runs along the E. slope of ridge over white and red sandstone outcroppings; drainage NE.
	Soil; dark sandy loam, 1 to 2 ft. deep on slopes, deeper in the bottoms of draws and ravines.
	Timber; aspen, spruce, balsam and yellow pine.
	Undergrowth; oak and buck brush, deer browse and service berry bushes.
	Good grazing of grass and browse.
	S.89°49'E. on a random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.
	Thence,
	N.89°48'W. on a true line bet. secs. 11 and 14.
	Over level meadow in the bottom of canyon.
0.30	Leave meadow and enter heavy aspen, dense oak brush, service berry and chokecherry bushes, bears N. and S.; asc. E. slope 225 ft.
1.80	Leave aspen, bears N. and S.
11.90	Ridge, bears N. and S.; desc. gradually 5 ft.
13.60	Enter scattering yellow pine, spruce, balsam and aspen, dense buck brush, rosebushes, young aspen and spruce, bears N. and S.; desc. abruptly 530 ft. over W. slope.
21.70	Enter heavy timber, bears N. and S.
26.10	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of draw, course SW.; water rises NE. of line about 1.00 ch. dist.; asc. 20 ft.
27.00	Leave heavy timber, bears NE. and SW., and enter scattering.

Chains.	
30.40.	Spur, slopes SW. about 4.00 chs. dist.; desc. 245 ft.
34.30	Enter heavy timber, bears NW. and SE.
38.20.	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, course NW.; asc. abruptly 45 ft. to
39.90.	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 11 / S 14 1921
	from which,
	A spruce, 8 ins. diam., bears N.43°15'W., 31 lks. dist., marked ¼ S 11 B T.
	A spruce, 4 ins. diam., bears S.59°45'E., 28 lks. dist., marked ¼ S 14 B T.
50.30	Spur, 45 ft. above ¼ sec. cor., projects NW. about 8.00 chs. dist.; desc. 90 ft.
58.00	Draw, course NW.; asc. 55 ft.
60.40	Spur, projects NW. about 5.00 chs. dist.; desc. 105 ft.
64.40	Leave heavy timber and enter scattering, bears N. and S.
64.70	Leave undergrowth, bears N. and S.
69.30	Creek of clear water, 2 lks. wide, 2 ins. deep, in wash, 10 lks. wide, 5 ft. deep, in the bottom of Harmes Canyon, course N.20°W.; asc. 50 ft.
71.00	Enter dense oak and buck brush, scattering service berry bushes and rosebushes, bears N. and S.
72.20	Point of spur, slopes NE.; desc. 20 ft.
74.50	Draw, course NE.; asc. 160 ft. to
79.80	The cor. of secs. 10, 11, 14 and 15.

Land; steep sides of canyons and ravines with outcroppings of white sandstone; E. 11.90 chs. drains NE., W. 67.90 chs. drains NW.

Soil; dark sandy loam, 1 to 3 ft. deep on slopes, deeper in the bottoms of ravines and canyons; black loam several ft. deep in the bottom of Harmes Canyon.

Timber; aspen, spruce, yellow pine and balsam.

Undergrowth; oak and buck brush, rosebushes, young aspen and spruce, service berry and chokecherry bushes.

Good grazing.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	N.0°01'W. bet. secs. 10 and 11.
	Asc. 10 ft. over SE. slope, through heavy aspen, spruce, balsam and yellow pine, and scattering service berry bushes, and dense oak and buck brush.
2.50	Spur, slopes NE. about 6.00 chs. dist.; desc. abruptly 350 ft.
25.00	Leave timber and undergrowth, bears NW. and SE., at the base of descent, bearing NW. and SE.; over nearly level bottom of Harmes Canyon, through a medium growth of sagebrush.
27.00	Stream of clear water, 2 lks. wide, 2 ins. deep, in wash, 15 lks. wide, 7 ft. deep, course NW.
32.00	Leave bottom of canyon, bears NW. and SE.; asc. gradually 25 ft. to ¼ sec. cor., through scattering spruce, balsam and yellow pine, bearing NW. and SE.
40.00	On top of spur, projecting SW. about 3.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 10 | S 11

1921

from which,

A yellow pine, 24 ins. diam., bears S.89°30'E., 133 lks. dist., marked ¼ S 11 B T.

A yellow pine, 20 ins. diam., bears S.38°45'W., 13 lks. dist., marked ¼ S 10 B T.

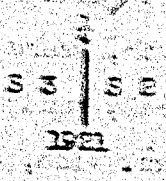
42.00	Enter a medium growth of timber and oak brush, bears NE. and SW.
64.50	Leave timber and undergrowth, bears NE. and SW., at the base of descent, bearing NE. and SW., 110 ft. below ¼ sec. cor.; over nearly level bottom of East Willow Creek Canyon to sec. cor.
69.00	East Willow Creek, muddy water, 10 lks. wide, 1 ft. deep, course N.10°E.; dense willows along creek.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with

Chains.	
	brass cap mkd: T18S | R21E / S3 | S2 / S10 | S11 / 1921
	from which,
	An aspen, 6 ins. diam., bears N.74°E., 328 lks. dist., marked T 18 S R 21 E S 2 B T.
	A spruce, 10 ins. diam., bears S.36°45'E., 961 lks. dist., marked T 18 S R 21 E S 11 B T.
	A yellow pine, 8 ins. diam., bears S.65°30'W., 376 lks. dist., marked T 18 S R 21 E S 10 B T.
	A yellow pine, 36 ins. diam., bears N.43°30'W., 348 lks. dist., marked T 18 S R 21 E S 3 B T.
	Land; rough sides of Harmes and East Willow Creek Canyon S. 64.50 chs., except 7.00 chs. of level bottom land; nearly level bottom of East Willow Creek Canyon, N. 15.50 chs.; formation, sandstone; drainage N.
	Soil; dark sandy loam, 1 to 3 ft. deep, lying on bed-rock on the rough portions; black loam several ft. deep in the bottom land.
	Timber; aspen, spruce, balsam and yellow pine.
	Undergrowth; oak and buck brush, service berry bushes, sagebrush and willows.
	Fair grazing on slopes; excellent growth of grass on the bottom land.
	S.89°48'E. on a random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
79.68	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 1, 2, 11 and 12.
	Thence,
	N.89°43'W. on a true line bet. secs. 2 and 11.
	Asc. 140 ft. over abrupt and rough SE. slope, through scattering red cedar, pinon pine and spruce, and dense oak and buck brush, deer browse and scattering service berry bushes.
5.60	Ridge, bears N.30°E. and S.30°W.; desc. 235 ft.
15.10	Head of ravine, course SW.; asc. 10 ft.

Subdivision of T. 18 S., R. 21 E.

Chains.	
18.80	Spur, projects SW. approximately 10.00 chs. dist.; desc. 285 ft.
30.20	Draw, course SW.; enter a medium growth of spruce, balsam and yellow pine timber, bears NE. and SW.; asc. 25 ft.
34.80	Spur, projects SW. approximately 12.00 chs. dist.; desc. 15 ft.
37.60	Draw, course SW.; asc. 10 ft. to
39.84	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: ¼ S 2 / S 11 1921 from which, A pinon pine, 12 ins. diam., bears N.89°15'W., 77 lks. dist., marked ¼ S 2 B T. A yellow pine, 14 ins. diam., bears S.34°W., 68 lks. dist., marked ¼ S 11 B T.
46.50	Spur, 30 ft. above ¼ sec. cor., slopes S. about 6.00 chs. dist.; desc. 450 ft.
52.30	Perpendicular ledge, 30 ft. high, bears NW. and SE.
56.40	Perpendicular ledge, 40 ft. high, bears NW. and SE.
69.00	Enter a medium growth of aspen, bears NW. and SE.
70.00	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course NW.; asc. 20 ft.
71.60	Leave medium growth of timber and enter scattering, bears NW. and SE.
72.60	Rugged spur, projects NW. about 5.00 chs. dist.; desc. 70 ft.
75.70	Perpendicular ledge, 40 ft. high, bears NW. and SE., at the base of descent, bearing NW. and SE.; over level bottom of East Willow Creek Canyon to sec. cor.
75.90	Leave undergrowth, bears NW. and SE.
79.20	East Willow Creek, muddy water, 6 lks. wide, 6 ins. deep, in wash, 8 lks. wide, 4 ft. deep, course NW.; dense growth of willows along stream.
79.68	The cor. of secs. 2, 3, 10 and 11.

Chains.	
	Land; abrupt and rough sides of Diamond and East Willo Creek Canyons; light sandstone formation; drainage E. 5.50 chs., general drainage W., W. 74.06 chs.
	Soil; light sandy loam, rocky on surface, from a few i to 3 ft. deep, lying on bed-rock; black loam several deep in the bottom of East Willow Creek Canyon.
	Timber; spruce, balsam, yellow pine, aspen, red cedar pinon pine.
	Undergrowth; oak and buck brush, deer browse, service berry bushes and willows.
	Good growth of grass and browse.
	N.0°18'W. on a random line bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
72.58	Intersect the N. bdy. of the Tp., 2 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
	Thence,
	S.0°19'E. on a true line bet. secs. 2 and 3.
	Asc. 290 ft. across the head of draw, draining NE., through a medium growth of aspen, spruce, balsam and yellow pine, and oak and buck brush.
10.00	Enter heavy timber, bears NW. and SE.
11.60	Leave heavy timber, bears NW. and SE., and enter a medi growth.
16.90	Spur, projects S.70°E. approximately 15.00 chs. dist.; desc. 360 ft.
21.60	Perpendicular ledge, 30 ft. high, bears E. and W.
26.50	Ravine, course S.60°E.; timber becomes heavy, bears NW. and SE.; asc. 170 ft. to
32.58	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:



from which,

A spruce, 10 ins. diam., bears N.86°E., 85 lks. dist., marked ¼ S 2-B T.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	A spruce, 14 ins. diam., bears N.88°15'W., 35 lks. dist., marked ¼ S 3 E T.
35.10	Leave heavy timber and enter a medium growth of spruce, aspen, balsam, yellow pine, cedar and pinon pine timber, bears E. and W., at the top of ascent, bearing NW. and SW., 90 ft. above ¼ sec. cor.; desc. 205 ft.
44.10	Perpendicular ledge, 30 ft. high, bears NE. and W.
49.50	Ravine, course E.; asc. 50 ft.
53.40	Spur, slopes E. about 4.00 chs. dist.; desc. 75 ft.
64.60	Perpendiculer ledge, 20 ft. high, bears NE. and SW.
65.60	Leave medium growth of timber and undergrowth, and enter scattering aspen, yellow pine, spruce and balsam timber, and sagebrush undergrowth, bears NE. and SW., at the base of descent, bearing NE. and SW.; over level bottom of East Willow Creek Canyon to
72.58	The cor. of secs. 2, 3, 10 and 11.
	Land; abrupt and rough W. side of East Willow Creek Canyon; outcroppings of light and red sandstone; drainage E.
	Soil; light sandy loam, from a few ins. to 3 ft. deep, lying on bedrock; black loam several ft. deep on the bottom land.
	Timber; aspen, spruce, balsam, yellow pine, cedar and pinon pine.
	Undergrowth; sagebrush, oak and buck brush.
	Fair growth of grass and browse.
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinbefore described,
	N.0°02'W. bet. secs. 33 and 34.
	Desc. 630 ft. along NE. slope, through scattering spruce, pinon pine, mahogany and yellow pine timber, and dense undergrowth of oak and buck brush.
37.00	Enter heavy aspen timber, bears NW. and SE.
37.70	Stream of clear water, 3 lks. wide, 2 ins. deep, in the bottom of the W. fork of Teepee Canyon, course SE.; heavy aspen, birch and maple timber, and dense under-

Subdivision of T. 18 S., R. 21 E.

Chains.	
	growth of willows and chokecherry bushes along stream; asc. 30 ft. to ¼ sec. cor.
39.20	Leave heavy aspen timber, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 33 | S 34

1921

from which,

A cedar, 6 ins. diam., bears N.30°30'E., 96 lks. dist., marked ¼ S 34 B T.

An aspen, 8 ins. diam., bears S.41°15'W., 84 lks. dist., marked ¼ S 33 B T.

43.40	Enter a medium growth of cedar timber, bears NW. and SE.
55.10	Perpendicular ledge, 15 ft. high, bears NW. and SE.
60.10	Perpendicular ledge, 20 ft. high, bears NW. and SE.
60.30	Leave timber, bears NW. and SE.
67.00	Spur, 495 ft. above ¼ sec. cor., projects S.70°E.; desc. abruptly 335 ft. to
80.00	On a NE. slope, set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 27, 28, 33 and 34, with brass cap mkd:

T18S	R21E
S28	S27
S33	S34

1921

from which,

A yellow pine, 36 ins. diam., bears N.52°45'E., 368 lks. dist., marked T 18 S R 21 E S 27 B T.

A yellow pine, 24 ins. diam., bears S.65°45'E., 466 lks. dist., marked T 18 S R 21 E S 34 B T.

A spruce, 16 ins. diam., bears S.75°45'W., 107 lks. dist., marked T 18 S R 21 E S 33 B T.

A spruce, 16 ins. diam., bears N.9°W., 47 lks. dist., marked T 18 S R 21 E S 28 B T.

Land; abrupt and rough mountainous; light and red sandstone formation; general drainage SE.

Soil; light sandy loam, shallow on slopes.

Subdivision of T. 18 S., R. 21 E.

Chains	
	Timber; spruce, aspen, pinon pine, mahogany, yellow pine, cedar, maple and birch.
	Undergrowth; oak and buck brush, willows and chokecherry bushes.
	Fair growth of grass and browse.
	East on a random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, 14 lks. N. of the cor. of secs. 26, 27, 34 and 35.
	Thence,
	N.89°54'W. on a true line bet. secs. 27 and 34.
	Desc. 200 ft. over rough W. slope, through heavy cedar, spruce, pinon pine and mahogany, and a medium growth of oak and buck brush, and scattering service berry bushes.
9.80	Ravine, course SE.; asc. 360 ft.
20.10	Spur, projects SE. about 12.00 chs. dist.; desc. 350 ft.
27.40	Ravine, course S.30°E.; asc. 260 ft. to
33.36	On top of spur, projecting S. about 20.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for witness ¼ sec. cor., with brass cap mkd:
	WC ¼ S 27 / S 34 1921
	from which,
	A cedar, 10 ins. diam., bears N.23°15'W., 66 lks. dist., marked W C ¼ S 27 B T.
	A cedar, 8 ins. diam., bears S.40°45'E., 48 lks. dist., marked W C ¼ S 34 B T.
38.40	Rugged ravine, 255 ft. below witness ¼ sec. cor., course S.; asc. 40 ft. to
40.00	True point for ¼ sec. cor. falls on outcroppings on the abrupt W. side of ravine where it is impracticable to set the post or mark a cross; continue ascent of 170 ft.
44.10	Spur, projects SE. about 6.00 chs. dist.; desc. 160 ft.
73.40	Fork of Teepee Canyon, course SE.; leave heavy timber, bears NW. and SE.; asc. 110 ft. through scattering

Chains.	
	yellow pine and spruce to
80.00	The cor. of secs. 27, 28, 33 and 34.
	Land; steep and rugged mountains of light and red sandstone formation; drainage SE.
	Soil; very shallow and rocky red sand, E. 44.10 chs.; sandy loam from 8 ins. to 2 ft. deep, lying on bedroc on the slopes of the fork of Teepee Canyon; deeper black loam in the bottom of Teepee Canyon.
	Timber; cedar, spruce, pinon pine, mahogany and yellow pine.
	Undergrowth; oak and buck brush, and service berry bush
	Fair growth of grass and browse.
	N.0°02'W. bet. secs. 27 and 28.
	Desc. 90 ft. over NE. slope, through scattering spruce, balsam and yellow pine, and dense oak and buck brush.
6.10	Fork of Teepee Canyon, course SE.; dense maple, birch, aspen, service berry and chokecherry bushes along bottom of canyon; asc. abruptly 1005 ft. to ¼ sec. cor., over series of broken and perpendicular ledges, 5 to 30 ft. high, bearing NW. and SE.
7.00	Enter a medium growth of cedar, pinon pine and mahogany, bears NW. and SE.
40.00	On top of ridge, bearing northeasterly and westerly, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 28 | S 27

1921

from which,

A yellow pine, 20 ins. diam., bears S.2°15'E., 88 lks. dist., marked ¼ S 27 B T.

A mahogany limb, 10 ins. diam., bears S.28°30'W., 99 lks. dist., marked ¼ S 28 B T.

Leave medium growth of timber and ledges, bear NW. and SE.; continue through scattering spruce, balsam, mahogany, yellow pine, and dense oak and buck brush, along

Subdivision of T. 18 S., R. 21 E.

Chains.	
	E. slope of spur to sec. cor.
76.80	Enter a medium growth of yellow pine, spruce and balsam, bears NW. and SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 21, 22, 27 and 28, with brass cap mkd:

T18S	R21E
S21	S22
S28	S27

1921

from which,

A spruce, 10 ins. diam., bears N.6°30'E., 96 lks. dist., marked T 18 S R 21 E S 22 B T.

A spruce, 14 ins. diam., bears S.15°15'E., 117 lks. dist., marked T 18 S R 21 E S 27 B T.

A yellow pine, 30 ins. diam., bears S.57°30'W., 12 lks. dist., marked T 18 S R 21 E S 28 B T.

A yellow pine, 24 ins. diam., bears N.15°45'W., 10 lks. dist., marked T 18 S R 21 E S 21 B T.

Land; abrupt and rugged slopes of fork of Teepee Canyon, with sandstone formation, S. ½ mile; E. slope of spur, N. ½ mile; drainage SE., S. ½ mile; N., N. ½ mile.

Soil; shallow and rocky red sand on the rough portions of mile; light sandy loam from 8 ins. to 2 ft. deep, lying on bedrock, S. 6.10 chs. and on N. ½ mile.

Timber; spruce, balsam, yellow pine, cedar, pinon pine, mahogany, aspen, birch and maple.

Undergrowth; oak and buck brush, service berry and choke-cherry bushes.

Fair growth of grass and browse.

	S.89°54'E. on a random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence,

N.89°56'W. on a true line bet. secs. 22 and 27.

Desc. 170 ft. along SW. slope, over a series of ledges,

Chains.	
	5 to 20 ft. high, bearing NW. and SE., through a medium growth of spruce, cedar, balsam, pinon pine and mahogany, and scattering oak and buck brush.
3.80	Head of canyon, course SE.; asc. 300 ft.
13.90	Ridge, bears N.20°W. and S.20°E.; leave timber and ledges bear N.20°W. and S.20°E.; desc. abruptly 730 ft.
14.10	Enter scattering spruce, balsam, yellow pine, cedar and pinon pine timber, and dense oak and buck brush, bears N.20°W. and S.20°E.
18.90	Timber becomes heavy, bears N. and S.
29.20	Ravine, course S.20°W.; maple and birch scattered along bottom of ravine; asc. 205 ft.
29.50	Leave heavy timber and enter scattering pinon pine and dense mahogany, bears N. and S.
30.70	Perpendicular ledge, 20 ft. high, bears N. and S.
33.10	Spur, projects S. about 15.00 chs. dist.; desc. 20 ft.
38.10	Leave mahogany and pinon pine, and enter heavy spruce, balsam and yellow pine timber, bears NW. and SE.
39.60	Ravine, course SE.; asc. 20 ft. to
40.04	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 22 / S 27 / 1921
	from which;
	A spruce, 6 ins. diam., bears N.38°E., 20 lks. dist., marked ¼ S 22 B T.
	A spruce, 12 ins. diam., bears S.25°30'E., 71 lks. dist., marked ¼ S 27 B T.
	Abrupt ascent of 840 ft. from this cor.
58.90	Ridge, bears S. and N. about 5.00 chs. dist., thence NE.; leave timber, bears N. and S.; desc. abruptly 550 ft.
70.50	Leave dense oak and buck brush and enter scattering, bears N. and S.
71.00	Enter heavy aspen, bears N. and S.
73.90	Ravine, course NW.; asc. 175 ft. to sec. cor.
78.10	Leave aspen and enter scattering yellow pine, spruce and

Chains.	
	dense oak and buck brush, bears NW. and SE.
80.08	The cor. of secs. 21, 22, 27 and 28.
	Land; steep and rough mountains with outcroppings of light and red sandstone; general drainage SE., E. 58.90 chs.; W. 21.18 chs. drains NW.
	Soil; shallow and rocky red sand, E. 13.90 chs.; sandy loam from a few ins. to 3 ft. deep, lying on bedrock on remainder of mile.
	Timber; spruce, cedar, balsam, pinon pine, mahogany, aspen, yellow pine, maple and birch.
	Undergrowth; oak and buck brush.
	Fair growth of grass and browse.
	N.0°02'W. bet. secs. 21 and 22.
	Desc. 350 ft. along abrupt E. slope, through a medium growth of spruce, aspen, balsam and yellow pine, and scattering oak and deer browse.
1.20	Enter heavy aspen, bears NW. and SE.
11.80	Leave heavy aspen and enter scattering, bears NW. and SE.
12.80	Dry wash, 8 lks. wide, 2 ft. deep, in the bottom of ravine, course W.; asc. 15 ft.
16.20	Spur, slopes W. about 5.00 chs. dist.; desc. 65 ft.
22.40	Leave timber, bears NE. and SW., at the base of descent, bearing NE. and SW.; over nearly level bottom of East Willow Creek Canyon, through a medium growth of sagebrush to ¼ sec. cor.
22.60	Leave oak brush and deer browse undergrowth, bears NE. and SW.
25.70	Stream of muddy water, 2 lks. wide, 2 ins. deep, in East Willow Creek Wash, 6 lks. wide, 3 ft. deep, course N.30°E.
39.00	Enter scattering aspen, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 21 | S 22

1921

Chains.

from which,

An aspen, 6 ins. diam., bears S.77°15'E., 414 lks. dist., marked ÷ S 22 B T.

An aspen, 6 ins. diam., bears N.36°W., 194 lks. dist., marked ÷ S 21 B T.

46.50 Leave bottom of canyon; enter dense oak and buck brush, deer browse and scattering service berry bushes, bears NE. and SW.; asc. along SE. slope 520 ft.

47.00 Enter a medium growth of aspen, cedar, pinon pine, spruce balsam and yellow pine, bears NE. and SW.

58.00 Leave sagebrush, bears NE. and SW.

62.20 Bearing of ascent changes from NE. and SW. to E. and W.

78.70 Spur, projects E. approximately 10.00 chs. dist.; desc. 15 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap mkd:

T18S	R21E
S16	S15
S21	S22

1921

from which,

An aspen, 4 ins. diam., bears N.11°45'E., 48 lks. dist., marked T 18 S R 21 E S 15 B T.

A spruce, 4 ins. diam., bears S.13°30'E., 11 lks. dist., marked T 18 S R 21 E S 22 B T.

A spruce, 4 ins. diam., bears S.40°15'W., 9 lks. dist., marked T 18 S R 21 E S 21 B T.

An aspen, 4 ins. diam., bears N.25°45'W., 66 lks. dist., marked T 18 S R 21 E S 16 B T.

Land; abrupt sides of East Willow Creek Canyon with outcroppings of light colored sandstone; level bottom land; general drainage NE.

Soil; light sandy loam from a few ins. to 3 ft. deep, on the slopes; dark loam several ft. deep on the bottom land.

Timber; aspen, spruce, balsam, yellow pine, cedar and pinon pine.

Undergrowth; oak and buck brush, deer browse, sagebrush

Chains.	
	and service berry bushes.
	Fair grazing of grass and browse.
	S.89°56'E. on a random line bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line, 19 lks. N. of the cor. of secs. 14, 15, 22 and 23.
	Thence,
	N.89°48'W. on a true line bet. secs. 15 and 22.
	Desc. 30 ft. over NW. slope, through scattering spruce, aspen, balsam and yellow pine, and dense oak and buck brush.
3.80	Head of ravine, course NE.; asc. 30 ft.
9.00	Ridge, bears NW. and SE.; desc. abruptly 740 ft.
31.20	Ravine, course NW.; leave undergrowth and enter heavy aspen, bears NW. and SE.; asc. 65 ft. to
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 15 / S.22 1921
	from which,
	A spruce, 12 ins. diam., bears N.31°15'E., 70 lks. dist., marked ¼ S 15 B T.
	An aspen, 8 ins. diam., bears S.80°W., 45 lks. dist., marked ¼ S 22 B T.
41.20	Leave aspen, bears NW. and SE. and enter scattering pinon pine and dense oak brush, on top of spur, projecting NW. about 6.00 chs. dist., 10 ft. above ¼ sec. cor.; desc. 210 ft.
51.80	Enter a medium growth of aspen, bears NW. and SE.; dry wash, 6 lks. wide, 1 ft. deep, at the mouth of ravine, course NW.; asc. 15 ft.
55.90	Spur, slopes NW. about 3.00 chs. dist.; desc. 45 ft.
58.90	Leave timber, bears NW. and SE., at the base of descent, bearing NW. and SE.; over level bottom of East Willow Creek Canyon, through dense sagebrush.

Chains.	
59.10	Leave oak brush, bears NW. and SE.
60.80	East Willow Creek, 2 lks. wide, 2 ins. deep, in wash, 1 lks. wide, 8 ins. deep, course NE.
64.30	Leave bottom of canyon and sagebrush, bears NE. and SW. asc. abruptly 505 ft. to sec. cor.
64.60	Enter a medium growth of spruce, balsam, yellow pine, and scattering aspen, bears N. and S., and a dense growth of oak and buck brush, bears NE. and SW.
70.30	Perpendicular ledge, 20 ft. high, bears NW. and SE.; bearing of ascent changes from NE. and SW. to E. and W.
79.96	The cor. of secs. 15, 16, 21 and 22.
	Land; abrupt and rough mountains of light sandstone formation; general drainage NE.
	Soil; light sandy loam, 6 ins. to 3 ft. deep, lying on a dark clay subsoil; dark loam several ft. deep in the bottom of East Willow Creek Canyon.
	Timber; aspen, spruce, balsam, yellow pine and pinon pine.
	Undergrowth; sagebrush, oak and buck brush.
	Fair growth of grass and browse.
	N.0°02'W. bet. secs. 15 and 16.
	Desc. abruptly 325 ft. over NE. slope, through heavy aspen, spruce, balsam and yellow pine, and scattering oak and buck brush, deer browse and sagebrush.
10.90	Draw, course SE.; leave heavy timber, bears NW. and SE., and enter scattering spruce and yellow pine, and dense oak and buck brush; asc. 545 ft.
37.50	Spur, projects E. approximately 15.00 chs. dist.; desc. 25 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 16 | S 15

1921

from which,

A pinon pine, 14 ins. diam., bears N.1°15'E., 920

Subdivision of T. 18 S., R. 21 E.

Chains.	
	lks. dist., marked ¼ S 15 B T.
	A pinon pine, 14 ins. diam., bears N.28°W., 175 lks. dist., marked ¼ S 16 B T.
40.20	Draw, 5 ft. below ¼ sec. cor., course E.; asc. 150 ft.
51.00	Spur, projects E. approximately 20.00 chs. dist.; desc. abruptly 285 ft.
51.20	Enter heavy aspen, bears E. and W.
59.00	Leave aspen, bears NE. and SW.
62.80	Ravine, course E.; asc. abruptly 340 ft. to
80.00	On a SE. slope, set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 9, 10, 15 and 16, with brass cap mkd:

T18S	R21E
S9	S10
S16	S15

1921

from which,

A pinon pine, 10 ins. diam., bears N.51°15'E., 320 lks. dist., marked T 18 S R 21 E S 10 B T.

A pinon pine, 6 ins. diam., bears S.52°15'E., 41 lks. dist., marked T 18 S R 21 E S 15 B T.

There are no other trees available in secs. 9 and 16.

Land; line runs along the W. side of East Willow Creek Canyon, over outcroppings of light colored sandstone; drainage E. to East Willow Creek.

Soil; light sandy loam, shallow and rocky on spurs, deeper in the bottoms of draws and ravines, lying on a brown clay subsoil or on bedrock.

Timber; aspen, spruce, balsam, yellow pine and pinon pine.

Undergrowth; oak and buck brush, deer browse and sagebrush.

Fair grazing of grass and browse.

S.89°48'E. on a random line bet. secs. 10 and 15.

40.00 Set temp. ¼ sec. cor.

79.72 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence,

Chains.	
	N.89°51'W. on a true line bet. secs. 10 and 15.
	Asc. abruptly 180 ft. over SE. slope, through heavy aspe spruce, balsam and yellow pine, and scattering service berry bushes, and dense oak and buck brush.
6.50	Ridge, bears N. and S.; desc. abruptly 595 ft.
22.10	Leave timber and undergrowth, bears N. and S., at the base of descent, bearing N. and S.; over nearly level bottom of East Willow Creek Canyon, through scattering sagebrush.
28.00	East Willow Creek, muddy water, 10 lks. wide, 6 ins. deep in wash, 20 lks. wide, 5 ft. deep, course NE.
33.00	Leave sagebrush, bears NE. and SW.; leave bottom of canyon; asc. rough SE. slope 170 ft. to ¼ sec. cor., through a medium growth of aspen, balsam, spruce and yellow pine, and dense oak and buck brush, bearing NE. and SW.
39.86	Set an iron post; 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor.; with brass cap mkd: ¼ S 10 / S 15 / 1921 from which,
	A spruce, 8 ins. diam., bears N.51°15'E., 13 lks. dist., marked ¼ S 10 B T.
	A spruce, 8 ins. diam., bears S.88°15'E., 10 lks. dist., marked ¼ S 15 B T.
	Continue abrupt ascent of 850 ft. to sec. cor.
70.00	Timber becomes more scattering, bearing NE. and SW.
79.72	The cor. of secs. 9, 10, 15 and 16.
	Land; abrupt and rough sides of Harmes and East Willow Creek Canyons; outcroppings of sandstone; general drainage NE.
	Soil; sandy loam, 6 to 24 ins. deep, lying on a brown clay subsoil or on bedrock; on slopes; dark or black loam several ft. deep in the bottom of East Willow Creek Canyon.
	Timber; aspen, spruce, balsam and yellow pine.

Chains.	
	Undergrowth; sagebrush, service berry bushes, oak and buck brush; dense growth of willows along East Willow Creek.
	Fair growth of grass and browse; excellent grazing in the bottom of East Willow Creek Canyon.
	N.0°02'W. bet. secs. 9 and 10.
	Asc. gradually 10 ft. along SE. slope, through dense oak and buck brush, scattering deer browse, sagebrush and service berry bushes.
2.20	Ridge, bears N.20°E. and S.20°W.; desc. 145 ft.
13.30	Head of draw, course W.; heavy aspen along bottom of draw; asc. 45 ft.
22.30	Spur, projects N.80°W. approximately 15.00 chs. dist.; leave dense undergrowth, bears E. and W., and enter scattering; desc. 575 ft. to ¼ sec. cor.
22.50	Enter heavy aspen, spruce, balsam and yellow pine timber, bears N.80°W. and S.80°E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 9 | S 10 1921
	from which,
	A spruce, 16 ins. diam., bears N.80°30'E., 46 lks. dist., marked ¼ S 10 B T.
	An aspen, 4 ins. diam., bears N.79°30'W., 3 lks. dist., marked ¼ S 9 B T.
43.50	Leave heavy aspen, bears NW. and SE., and enter scattering.
49.20	Ravine, 80 ft. below ¼ sec. cor., course W.; asc. 35 ft.
52.80	Leave heavy spruce, balsam and yellow pine timber, bears E. and W., and enter scattering.
53.00	Enter dense growth of oak and buck brush, bears E. and W.
56.00	Spur, projects W. about 10.00 chs. dist.; desc. 440 ft.
57.20	Undergrowth becomes scattering, bearing NE. and SW.; enter heavy aspen, spruce and yellow pine timber,

Chains.	
	bears NE. and SW.
67.00	Leave heavy timber, bears NE. and SW., and enter scattering, at the base of descent, bearing NE. and SW.; over nearly level bottom of Little Creek Canyon, through scattering sagebrush to sec. cor.
70.90	Little Creek, clear water, 4 lks. wide, 4 ins. deep, in wash, 100 lks. wide, 20 ft. deep, course NE.; asc. 20 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass cap mkd:

T18S	R21E
S4	S3
S9	S10

1921

from which,

A yellow pine, 30 ins. diam., bears N.31°45'E., 249 lks. dist., marked T 18 S R 21 E S 3 B T.

A yellow pine, 12 ins. diam., bears S.48°E., 648 lks. dist., marked T 18 S R 21 E S 10 B T.

A yellow pine, 30 ins. diam., bears S.42°W., 187 lks. dist., marked T 18 S R 21 E S 9 B T.

A yellow pine, 10 ins. diam., bears N.10°30'W., 85 lks. dist., marked T 18 S R 21 E S 4 B T.

Land; abrupt sides of East Willow Creek and Little Creek Canyons, with general drainage NE.; sandstone formation.

Soil; sandy loam, 6 ins. to 3 ft. deep, lying on a brown clay subsoil or on bedrock, on slopes; dark or black loam several ft. deep in the bottom of Little Creek Canyon.

Timber; aspen, spruce, balsam and yellow pine.

Undergrowth; oak and buck brush, deer browse, sagebrush and service berry bushes.

Good growth of grass and browse.

	S.89°51'E. on a random line bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
79.60	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 2, 3, 10 and 11.
	Thence,

Subdivision of T. 18 S., R. 21 E.

Chains.	
	N.89°50'W. on a true line bet. secs. 3 and 10.
	Over level bottom of East Willow Creek Canyon.
2.80	Leave bottom of canyon; asc. 995 ft. over abrupt and rough E. slope, through heavy cedar, pinon pine, spruce, balsam and mahogany, and a medium growth of deer browse, service berry bushes, oak and buck brush.
38.00	Ridge, bears N. and S.; leave heavy timber, bears N. and S., and enter scattering; desc. abruptly 50 ft. to ¼ sec. cor.
38.80	Undergrowth becomes more dense, bearing N. and S.
39.80	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: ¼ S 3 / S 10 1921 from which, A pinon pine, 20 ins. diam., bears N.67°W., 110 lks. dist., marked ¼ S 3 B T. A pinon pine, 30 ins. diam., bears S.89°E., 9 lks. dist., marked ¼ S 10 B T.
	Continue abrupt descent of 765 ft. over rough W. slope.
40.20	Enter scattering aspen, bears N. and S.
60.00	Ravine, course NW.; heavy aspen along bottom of ravine; asc. 200 ft.
68.10	Spur, projects NW. approximately 8.00 chs. dist.; desc. abruptly 310 ft.
72.50	Leave dense undergrowth, bears NE. and SW., at the base of abrupt descent, bearing NE. and SW.; desc. gradually 10 ft. through scattering sagebrush.
74.50	Creek of clear water, 5 lks. wide, 4 ins. deep, in wash, 100 lks. wide, 12 ft. deep, in the bottom of Little Creek Canyon, course N.20°E.; asc. gradually 25 ft. to
79.60	The cor. of secs. 3, 4, 9 and 10.
	Land; level bottom land, and abrupt and rough sides of East Willow Creek and Little Creek Canyons; outcroppings of light and red sandstone; general drainage NE.
	Soil; sandy loam, about 6 to 24 ins. deep, lying on a

Chains.	
	brown clay subsoil or on bedrock, on the slopes; dark or a black loam several ft. deep in the bottoms of East Willow Creek and Little Creek Canyons.
	Timber; cedar, pinon pine, spruce, balsam, aspen and mahogany.
	Undergrowth; oak and buck brush, deer browse, service berry bushes and sagebrush.
	Fair growth of grass and browse; good grazing in the bottoms of canyons.
	N.0°19'W. on a random line bet. secs. 3 and 4.
40.00	Set temp. ¼ sec. cor.
72.37	Intersect the N. bdy. of the Tp., at the cor. of secs. 3, 4, 33 and 34, hereinbefore described.
	Thence,
	S.0°19'E. on a true line bet. secs. 3 and 4.
	Desc. along abrupt and rough E. slope 575 ft., through a medium growth of spruce, cedar, yellow pine, aspen, mahogany and pinon pine, scattering service berry bushes, and dense oak and buck brush.
18.20	Ravine, course E.; asc. 310 ft. to
32.37	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd.:

¼

S 4 | S 3

1921

from which,

An aspen, 6 ins. diam., bears N.60°30'E., 12 lks. dist., marked ¼ S 3 B T.

A yellow pine, 6 ins. diam., bears S.69°W., 17 lks. dist., marked ¼ S 4 B T.

	Timber becomes heavy, bears E. and W.; continue ascent of 310 ft.
37.90	Leave heavy timber, bears E. and W., and enter scattering.
40.50	Spur, projects E. approximately 20.00 chs. dist.; desc. 240 ft.

Subdivision of T. 18 S., R. 21 E.

Chains.	
44.80	Enter a medium growth of timber, bears E. and W.
53.80	Ravine, course E.; asc. 25 ft.
57.00	Spur, slopes E. about 5.00 chs. dist.; desc. 325 ft. to sec. cor.
59.20	Top of broken ledge, 30 ft. high, bears NE. and SW.
72.37	The cor. of secs. 3, 4, 9 and 10.
	Land; abrupt and rough W. side of Little Creek Canyon; sandstone formation; drainage E. to Little Creek.
	Soil; sandy loam, 4 ins. to 2 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; spruce, cedar, yellow pine, aspen, mahogany and pinon pine.
	Undergrowth; oak and buck brush, and service berry bushes.
	Fair growth of grass and browse.
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described,
	N. 0°03'W. bet. secs. 32 and 33.
	Asc. abrupt and rough SE. slope 320 ft., through scattering cedar, pinon pine, spruce, yellow pine, aspen and mahogany, and dense oak brush, chokecherry and service berry bushes.
2.80	Leave timber, bears E. and W.
9.80	Perpendicular ledge, 30 ft. high, bears NE. and SW.
29.60	Ridge, bears NE. and SW.; desc. 185 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 32 | S 33

1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

47.10	Leave undergrowth, bears NE. and SW., at the base of descent, bearing NE. and SW.; over nearly level bottom of East Willow Creek Canyon, through dense sagebrush.

Subdivision of T. 18 S., R. 21 E.

Chains.	
52.30	East Willow Creek, muddy water, 2 lks. wide, 3 ins. deep in wash, 50 lks. wide, 10 ft. deep, course N.30°E., 110 ft. below ¼ sec. cor.; over level land to
59.00	Leave sagebrush, bears NE. and SW., at the base of ascen bearing NE. and SW.; asc. 195 ft. through dense deer browse, oak and buck brush.
64.00	Top of sloping ledge, 10 ft. high, bears NE. and SW.
71.50	Spur, slopes N.60°E. about 5.00 chs. dist.; desc. 135 ft
79.40	Dry wash, 10 lks. wide, 6 ft. deep, in the bottom of ravine, course S.60°E.; leave undergrowth, bears NW. and SE.; over level bottom of ravine, through dense sagebrush to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with brass cap mkd:

T18S	R21E
S29	S28
S32	S33

1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; abrupt SE. slope of Cherry Creek Canyon, draining SE., S. 29.60 chs.; abrupt slopes of East Willow Creek Canyon, with general drainage NE., N. 50.40 chs.; outcroppings of light and red sandstone formation.

Soil; light sandy loam, 6 ins. to 2 ft. deep, lying on a brown clay subsoil or on bedrock, on slopes; dark loam several ft. deep in the bottoms of ravines and in the bottom of East Willow Creek Canyon.

Timber; cedar, pinon pine, spruce, yellow pine, aspen and mahogany.

Undergrowth; sagebrush, oak and buck brush, chokecherry and service berry bushes, and deer browse.

Fair grazing.

	East on a random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
60.20	Intersect N. and S. line, 34 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	Thence,
	N.89°45'W. on a true line bet. secs. 28 and 33.
	Asc. 265 ft. over NE. slope, through scattering spruce, balsam and yellow pine timber, and dense undergrowth of oak and buck brush.
13.00	Spur, projects SE.; enter scattering undergrowth of young mahogany and service berry bushes, bears NW. and SE.; desc. abruptly 350 ft.
20.00	Enter scattering cedar, mahogany and pinon pine timber, bears NW. and SE.
30.20	W. fork of Teepee Canyon, course SE.; dense maple, aspen, and birch timber, and chokecherry bushes along bottom of canyon; asc. 350 ft. to
40.10	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	S 28 ¼ ——— S 33 1921
	from which,
	A pinon pine, 20 ins. diam., bears S.37°W., 97 lks. dist., marked ¼ S 33 B T.
	There are no trees available suitable for marking in sec. 28.
48.70	Ridge, 325 ft. above ¼ sec. cor., bears S. and N. about 6.00 chs. dist., thence NE.; enter scattering aspen timber, bears N. and S.; desc. abruptly 255 ft.
55.00	Leave timber, bears NE. and SW.
56.10	Leave undergrowth, bears N.30°E. and S.30°W.; at the base of descent, bearing N.30°E. and S.30°W.; over nearly level bottom of East Willow Creek Canyon, through dense sagebrush.
61.00	East Willow Creek, muddy water, 4 lks. wide, 2 ins. deep in wash, 10 lks. wide, 2 ft. deep, course N.30°E.
67.70	Leave sagebrush, bears NW. and SE.; begin ascent of 70 ft., over NE. slope, through dense oak and buck brush.

Subdivision of T. 18 S., R. 21 E.

Chains.	
71.80	Spur, slopes SE. approximately 5.00 chs. dist.; desc. 65 ft.
78.80	Leave undergrowth of oak and buck brush, bears NW. and SE., at the base of descent, bearing NW. and SE.; over level bottom of ravine, through dense sagebrush to
80.20	The cor. of secs. 28, 29, 32 and 33.
	Land; abrupt and rough mountains with outcroppings of light and red sandstone; drainage SE., E. 48.70 chs.; general drainage NE., W. 31.50 chs.
	Soil; light sandy loam, shallow on spurs and ridges, but deeper in the bottoms of ravines; dark loam several ft. deep in the bottom of East Willow Creek Canyon.
	Timber; spruce, balsam, yellow pine, cedar, mahogany, pinon pine, aspen, maple and birch.
	Undergrowth; oak and buck brush, service berry and choke-cherry bushes, sagebrush and young mahogany.
	N.0°03'W. bet. secs. 28 and 29.
	Over level bottom of ravine, through dense sagebrush.
1.20	Leave sagebrush, bears NW. and SE., and enter scattering service berry bushes, dense oak and buck brush; begin abrupt ascent of 670 ft., over rough SW. slope.
37.80	Spur, projects SE.; desc. 10 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

$\frac{1}{4}$

S 29 | S 28

1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

51.30	Ravine, 185 ft. below ¼ sec. cor., course E.; asc. 90 ft.
56.60	Spur, projects E. about 20.00 chs. dist.; desc. 85 ft.
61.40	Ravine, course E.; asc. abruptly 245 ft.
74.50	Top of abrupt ascent, bears N. and SW.; asc. gradually 10 ft. to sec. cor.
75.00	Enter scattering aspen timber, bears E. and W.
75.80	Enter dense sagebrush and deer browse undergrowth, bears E. and W.; oak and buck brush become scattering.

Subdivision of T. 18 S., R. 21 E.

Chains.	
80.00	On a gentle E. slope, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 20, 21, 28 and 29, with brass cap mkd:

T18S	R21E
S20	S21
S29	S28

1921

from which,

An aspen, 8 ins. diam., bears N.77°15'E., 560 lks. dist., marked T 18 S R 21 E S 21 B T.

All trees in secs. 20, 28 and 29 within a reasonable distance not suitable for marking.

Land; abrupt and rough W. side of East Willow Creek Canyon; sandstone outcroppings; general drainage SE. to East Willow Creek, S. 37.80 chs.; N. 42.20 chs. drains E. to East Willow Creek.

Soil; light sandy loam, shallow and rocky, S. ½ mile, and about 1 to 2 ft. deep, lying on a brown clay subsoil or on bedrock, N. ½ mile.

Timber; aspen.

Undergrowth; sagebrush, deer browse, service berry bushes, oak and buck brush.

Good grazing N. ½ mile.

S.89°45'E. on a random line bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line, at the cor. of secs. 21, 22, 27 and 28.

Thence,

N.89°45'W. on a true line bet. secs. 21 and 28.

Asc. 10 ft. over E. slope, through a medium growth of spruce, aspen, balsam and yellow pine, and scattering oak and deer browse.

0.60 Spur, projects N. approximately 10.00 chs. dist.; enter dense undergrowth of oak and buck brush, bears N. and S.; desc. abruptly 345 ft.

10.50 Leave timber, bears NE. and SW.

Chains.	
10.70	Leave undergrowth of deer browse, oak and buck brush, bears NE. and SW., at the base of descent, bearing NE. and SW.; over nearly level bottom of East Willow Creek Canyon, through dense sagebrush.
12.70	East Willow Creek, muddy water, 2 lks. wide, 2 ins. deep, in wash, 15 lks. wide, 3 ft. deep, course N.
16.60	Leave sagebrush, bears N. and S., and enter dense oak and buck brush.
16.80	Enter scattering aspen, spruce and yellow pine timber, bears N. and S., at the base of ascent, bearing N. and S.
18.40	Leave timber, bears N.60°E. and S.60°W.
30.50	Spur, 595 ft. above base of ascent, projects S. about 15.00 chs. dist.; desc. 115 ft.
39.50	Ravine, course SE.; enter a medium growth of spruce and yellow pine, bears NW. and SE.; asc. 10 ft. to
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

$$\frac{\frac{1}{4}\ \text{S 21}}{\text{S 28}}$$
1921

from which,

A spruce, 12 ins. diam., bears N.4°15'W., 51 lks. dist., marked ¼ S 21 B T.

A spruce, 6 ins. diam., bears S.34°15'W., 37 lks. dist., marked ¼ S 28 B T.

From this cor. asc. abruptly 575 ft. over NE. slope.

47.40	Leave timber, bears NW. and SE.
48.00	Enter dense aspen timber, bears NW. and SE.
55.00	Top of abrupt ascent, bears N. and S.; leave aspen, bears N. and S.; asc. gradually 90 ft. to sec. cor.
56.00	Enter a dense growth of sagebrush and deer browse, bears N. and S.
59.90	Leave undergrowth, bears N. and S., and enter a grove of aspen timber, bears N.20°E. and S.20°W.
62.60	Leave grove of timber, bears N. and S., and enter dense undergrowth of sagebrush, deer browse, oak and buck brush, and scattering aspen timber.

Subdivision of T. 18 S., R. 21 E.

Chains.	
80.02	The cor. of secs. 20, 21, 28 and 29.
	Land; abrupt sides of East Willow Creek Canyon with outcroppings of light colored sandstone; drainage W. to East Willow Creek, E. 12.70 chs.; remainder of mile drains SE. to East Willow Creek.
	Soil; light sandy loam, 6 ins. to 3 ft. deep, lying on a brown clay subsoil or on bedrock, on the slopes; dark loam several ft. deep in the bottom of East Willow Creek Canyon.
	Timber; aspen, spruce, balsam and yellow pine.
	Undergrowth; oak and buck brush, deer browse and sagebrush.
	Good grazing of grass and browse.
	N.0°03'W. bet. secs. 20 and 21.
	Asc. gradually 5 ft. along gentle E. slope, through scattering aspen timber, dense sagebrush, deer browse, and scattering oak and buck brush.
1.00	Top of ascent, bears N.10°E. and S.10°W.; over gently rolling top of ridge.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 20 | S 21

1921

from which,

An aspen, 6 ins. diam., bears N.64°45'E., 143 lks. dist., marked ¼ S 21 B T.

A spruce, 10 ins. diam., bears N.78°45'W., 291 lks. dist., marked ¼ S 20 B T.

This cor. is located on top of ridge, bearing N.10°E. and S.10°W., 5 ft. above top of ascent; desc. 20 ft. to

53.00 Leave sagebrush, bears N. and S., and enter dense oak and buck brush; leave top of ridge, begin descent of 250 ft. along NW. slope to sec. cor.

72.80 Descent becomes more abrupt; enter a medium growth of aspen, spruce and yellow pine timber, bears NE. and SW.

Subdivision of T. 18 S., R. 21 E.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 16, 17, 20 and 21, with brass cap mkd:

T18S	R21E
S17	S16
S20	S21

1921

from which,

A spruce, 6 ins. diam., bears N.61°15'E., 80 lks. dist., marked T 18 S R 21 E S 16 B T.

A spruce, 14 ins. diam., bears S.16°15'E., 94 lks. dist., marked T 18 S R 21 E S 21 B T.

A spruce, 16 ins. diam., bears S.37°W., 136 lks. dist., marked T 18 S R 21 E S 20 B T.

A spruce, 12 ins. diam., bears N.24°W., 230 lks. dist., marked T 18 S R 21 E S 17 B T.

Land; gently rolling top of ridge, S. 53.00 chs.; NW. slope of fork of Little Creek Canyon, N. 27.00 chs.; outcroppings of light sandstone; drainage SE. to East Willow Creek, S. ½ mile; N. ½ mile drains NW. to fork of Little Creek.

Soil; light sandy loam, 1 to 3 ft. deep, lying on a brown clay subsoil.

Timber; aspen, spruce, and yellow pine.

Undergrowth; sagebrush, deer browse, oak and buck brush.

Excellent grazing.

S.89°45'E. on a random line bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, at the cor. of secs. 15, 16, 21, and 22.

Thence,

N.89°45'W. on a true line bet. secs. 16 and 21.

Asc. abruptly 490 ft. over NE. slope, through a medium growth of aspen, spruce and yellow pine, and dense sage-brush, deer browse and buck brush.

3.80 Aspen becomes more dense, bearing N. and S.

6.90 Leave aspen, bears NW. and SE.; spruce and yellow pine

Subdivision of T. 18 S., R. 21 E.

Chains.	
	become more scattering.
14.00	Enter heavy aspen timber, bears N. and S.
18.00	Leave aspen, bears NW. and SE., and enter dense oak brush.
25.90	Ridge, bears N.20°E. and S.20°W.; desc. gradually 15 ft.
30.00	Begin abrupt descent of 260 ft. over NW. slope to
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S 16 / S 21 / 1921 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Continue abrupt descent of 205 ft.
49.00	Leave timber, bears NE. and SW.
50.20	Stream of clear water, 2 lks. wide, 2 ins. deep, in wash, 25 lks. wide, 7 ft. deep, in the bottom of the East Fork of Little Creek Canyon, course N.20°E.; asc. gradually 10 ft.
51.00	Begin abrupt ascent of 590 ft., over E. slope.
69.00	Spur, projects N.; leave oak and buck brush, bears N. and S.; desc. gradually 10 ft.
72.70	Begin abrupt descent of 175 ft. over W. slope to sec. cor.; leave sagebrush, bears N. and S., and enter dense oak and buck brush.
73.00	Enter scattering aspen, spruce and yellow pine timber, bears N. and S.
80.06	The cor. of secs. 16, 17, 20 and 21.
	Land; abrupt slopes of East Willow Creek and forks of Little Creek with general drainage NE.; outcroppings of sandstone.
	Soil; light sandy loam, 1 to 3 ft. deep, lying on a dark clay subsoil or on bedrock; deeper soil in the bottom of canyons.
	Timber; aspen, spruce and yellow pine.
	Undergrowth; oak and buck brush, sagebrush and deer browse.
	Good grazing.

Subdivision of T. 18 S., R. 21 E.

Chains.

N.0°03'W. bet. secs. 16 and 17.

Desc. 65 ft. along W. slope, through scattering aspen, spruce and yellow pine timber, and dense oak and buck brush undergrowth.

4.00 Head of draw, course W.; asc. 115 ft.

25.20 Spur, projects W. about 10.00 chs. dist.; desc. abruptly 290 ft.

34.00 Enter heavy aspen, bears E. and W.; undergrowth becomes more scattering.

37.30 Ravine, course W.; leave aspen, bears E. and W., and enter dense oak and buck brush; asc. 10 ft. to

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

¼

S 17. | S 16

1921

from which,

A spruce, 18 ins. diam., bears N.25°E., 42 lks. dist., marked ¼ S 16 B T.

A yellow pine, 10 ins. diam., bears S.85°15'W., 168 lks. dist., marked ¼ S 17 B T.

43.80 Enter heavy aspen, bears NE. and SW.; undergrowth becomes more scattering.

49.00 Spur, 15 ft. above ¼ sec. cor., slopes W. about 6.00 chs. dist.; desc. abruptly 255 ft.

57.50 Leave heavy aspen and enter scattering, bears NE. and SW.

57.80 Leave undergrowth, bears NE. and SW., at the base of abrupt descent, bearing NE. and SW.; desc. gradually 35 ft.

63.90 Creek of clear water, 4 lks. wide, 4 ins. deep, in wash, 30 lks. wide, 5 ft. deep, in the bottom of Little Creek Canyon, course NE.; dense growth of willows along creek; asc. gradually 10 ft.

65.30 Enter dense undergrowth of oak and buck brush, and scattering service berry bushes, bears NE. and SW., at the base of abrupt ascent, bearing NE. and SW.

65.70 Enter a medium growth of aspen, spruce, yellow pine,

Chains.

cedar, pinon pine and mahogany timber, bears NE. and SW.

80.00 On a rough SE. slope, 215 ft. above base of abrupt ascent, set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 8, 9, 16 and 17, with brass cap mkd:

T18S	R21E
S8	S9
S17	S16

1921

from which,

A pinon pine, 12 ins. diam., bears N.45°E., 82 lks. dist., marked T 18 S R 21 E S 9 B T.

A spruce, 6 ins. diam., bears S.30°E., 96 lks. dist., marked T 18 S R 21 E S 16 B T.

A spruce, 6 ins. diam., bears S.50°45'W., 18 lks. dist., marked T 18 S R 21 E S 17 B T.

A pinon pine, 36 ins. diam., bears N.28°15'W., 62 lks. dist., marked T 18 S R 21 E S 8 B T.

Land; abrupt slopes of the main fork of Little Creek Canyon, with outcroppings of light and red sandstone; drainage W. to Little Creek, S. 63.90 chs.; N. 16.10 chs. drains SE. to Little Creek.

Soil; sandy loam, 1 to 3 ft. deep, lying on a dark clay subsoil or on bedrock, on the slopes; dark loam several ft. deep in the bottom of Little Creek Canyon.

Timber; aspen, spruce, yellow pine, cedar, pinon pine and mahogany.

Undergrowth; oak and buck brush, service berry bushes and willows.

Good grazing of grass and browse.

S.89°45'E. on a random line bet. secs. 9 and 16.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, 21 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence,

N.89°54'W. on a true line bet. secs. 9 and 16.

Chains.	
	Asc. gradually 10 ft. over SE. slope, through dense oak and buck brush, scattering deer browse and service berry bushes.
0.50	Ridge, bears N.20°E. and S.20°W. enter scattering aspen spruce and yellow pine timber, bears N. and S.; desc. abruptly 750 ft.
17.90	Stream of clear water, 3 lks. wide, 2 ins. deep, in the bottom of the E. fork of Little Creek Canyon, course N.; asc. abruptly 615 ft. to ¼ sec. cor.
25.00	Undergrowth becomes scattering, bearing N. and S.
31.00	Enter dense oak and buck brush undergrowth, bears N. and S.
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: ¼ S 9 / S 16 1921 from which, A spruce, 16 ins. diam., bears N.39°15'E., 122 lks. dist., marked ¼ S 9 B T. A yellow pine, 12 ins. diam., bears S.86°15'E., 11 lks. dist., marked ¼ S 16 B T.
	Continue abrupt ascent of 180 ft.
45.60	Spur, projects N. approximately 10.00 chs. dist.; desc. 640 ft.
49.30	Enter a medium growth of aspen timber, bears NE. and SW.
53.70	Leave aspen timber, bears N. and S.
62.10	Enter a medium growth of aspen timber, bears NE. and SW.
67.60	Base of abrupt descent, bears NE. and SW.; undergrowth becomes scattering, bearing N. and S.; desc. gradually 10 ft.
69.60	Stream of clear water, 4 lks. wide, 3 ins. deep, in wash, 50 lks. wide, 10 ft. deep, in the bottom of the main fork of Little Creek Canyon, course N.30°E.; over level bottom land.
73.40	Enter dense undergrowth of oak and buck brush, bears N. and S., at the base of abrupt ascent, bearing NE. and

Subdivision of T. 18 S., R. 21 E.

Chains	
	SW.
73.80	Leave aspen timber, bears N. and S., and enter a medium growth of spruce, yellow pine, cedar, pinon pine and mahogany timber, bears NE. and SW.
80.06	The cor. of secs. 8, 9, 16 and 17, 280 ft. above base of ascent.
	Land; abrupt and rough slopes of canyons with outcroppings of light colored sandstone; drainage NE., E. 0.50 chs. and W. 34.40 chs.; remainder of mile drains NW.
	Soil; sandy loam, from a few ins. to 3 ft. deep, lying on a dark clay subsoil or on bedrock, on the slopes; dark loam several ft. deep in the bottom of canyons.
	Timber; aspen, spruce, yellow pine, cedar, pinon pine and mahogany.
	Undergrowth; oak and buck brush, deer browse and service berry bushes.
	Good grazing.
	N.0°03'W. bet. secs. 8 and 9.
	Asc. gradually 25 ft. over SE. slope, through a medium growth of aspen, spruce, yellow pine, cedar and pinon pine timber, and dense undergrowth of oak and buck brush.
3.10	Spur, projects N.80°E. about 12.00 chs. dist.; desc. 145 ft.
9.80	Ravine, course E.; asc. 505 ft.
23.50	Spur, projects SE. approximately 25.00 chs. dist.; desc. 20 ft.
24.00	Leave medium growth of timber and enter scattering, bears NW. and SE.
30.30	Ravine, course SE.; asc. 185 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 8 | S 9

1921

Subdivision of T. 18 S., R. 21 E.

Chains.

from which,

A yellow pine, 6 ins. diam., bears S.32°30'W., 117 lks. dist., marked ¼ S 8 B T.

There are no other trees available suitable for marking.

43.10 Spur, 50 ft. above ¼ sec. cor., projects SE. about 25.00 chs. dist.; asc. 140 ft. across the head of ravine, draining E.

43.70 Leave timber, bears NW. and SE.

62.40 Ridge, bears N.10°E. and S.10°W.; desc. gradually 130 ft. to sec. cor.

63.00 Enter dense sagebrush, bears N. and S.; oak and buck brush become more scattering.

78.00 E. edge of a patch of aspen timber, bears NW. and SW.

80.00 At the base of descent, bearing NW. and SW., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap mkd:

T18S	R21E
S5	S4
S8	S9

1921

from which,

An aspen, 6 ins. diam., bears S.10°W., 213 lks. dist., marked T 18 S R 21 E S 8 B T.

There are no trees available in secs. 4, 5, and 9; therefore I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; abrupt and rough E. slope of Little Creek Canyon, S.62.40 chs.; gradual NW. slope of Dry Fork Canyon, N. 17.60 chs.; outcroppings of light colored sandstone; general drainage NE.

Soil; light sandy loam, 6 ins. to about 3 ft. deep, lying on a dark clay subsoil or on bedrock.

Timber; aspen, spruce, yellow pine, cedar and pinon pine.

Undergrowth; sagebrush, oak and buck brush.

Good grazing of grass and browse.

S.89°54'E. on a random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

Subdivision of T. 18 S., R. 21 E.

Chains.	
79.76	Intersect N. and S. line, 26 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	Thence,
	S.89°55'W. on a true line bet. secs. 4 and 9.
	Asc. 100 ft. over NE. slope, through scattering yellow pine timber, sagebrush and oak brush undergrowth.
1.40	Leave sagebrush, bears NW. and SE.
2.00	Enter a medium growth of spruce, yellow pine, cedar, pinon pine and mahogany timber, bears NW. and SE.
3.40	Spur, slopes SE. about 4.00 chs. dist.; desc. 110 ft.
15.30	Ravine, course SE.; dense service berry and chokecherry bushes, rosebushes and maple along bottom of ravine; asc. abruptly 830 ft. to $\frac{1}{4}$ sec. cor.
16.00	Enter dense undergrowth of oak and buck brush, bears NW. and SE.
39.88	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap mkd:

$$\frac{1}{4}\frac{S\ 4}{S\ 9}$$
1921

from which,

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

A spruce, 4 ins. diam., bears S.49°45'E., 70 lks. dist., marked $\frac{1}{4}$ S 9 B T.

40.50	Leave timber, bears NW. and SE.
43.10	Spur, 110 ft. above $\frac{1}{4}$ sec. cor., projects SE. approximately 30.00 chs. dist.; asc. gradually 10 ft. across the head of ravine, draining SE.
47.80	Ridge, bears N.20°E. and S.20°W.; desc. 165 ft.
60.10	Leave undergrowth and enter heavy aspen timber, bears NW. and SE., in the bottom of ravine, draining N.; asc. 215 ft.
65.50	Leave aspen timber and enter dense sagebrush, oak and buck brush undergrowth, bears N. and S.
72.40	Spur, projects N. approximately 20.00 chs. dist.; desc. 95 ft. to

Subdivision of T. 18 S., R. 21 E.

Chains.	
79.76	The cor. of secs. 4, 5, 8 and 9.
	Land; abrupt and rough W. side of Little Creek Canyon, draining SE., E. 47.80 chs.; gradual W. slope of Dry Fork Canyon, draining NW., W. 31.96 chs.; outcroppings of light sandstone formation.
	Soil; sandy loam, 6 ins. to 3 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; spruce, aspen, yellow pine, cedar, pinon pine, mahogany and maple.
	Undergrowth; sagebrush, oak and buck brush, rosebushes, service berry and chokecherry bushes.
	Good grazing of grass and browse.
	N.0°19'W. on a random line bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
72.35	Intersect the N. bdy. of the Tp., 2 lks. E. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
	Thence,
	S.0°20'E. on a true line bet. secs. 4 and 5.
	Desc. gradually 20 ft., over SE. slope, through scattering yellow pine timber, and dense undergrowth of oak and buck brush.
7.80	Enter a medium growth of spruce, balsam and pinon pine timber, bears NW. and SE.; desc. more abruptly 560 ft., over outcroppings and boulders.
24.30	Creek of clear water, 3 lks. wide, 3 ins. deep, in the bottom of Dry Fork Canyon, course NE.; dense aspen undergrowth and timber along stream; asc. 290 ft. to ¼ sec. cor.
24.70	Leave medium growth of timber, bears NE. and SW.
26.20	Leave undergrowth and enter heavy aspen timber, bears NE. and SW.
32.35	On a NW. slope, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

Subdivision of T. 18 S., R. 21 E.

Chains.	
	$\frac{1}{4}$ S 5 | S 4 1921.
	from which,
	An aspen, 4 ins. diam., bears east, 44 lks. dist., marked $\frac{1}{4}$ S 4 B T.
	An aspen, 4 ins. diam., bears west, 65 lks. dist., marked $\frac{1}{4}$ S 5 B T.
37.00	Leave aspen timber and enter dense undergrowth of oak and buck brush, bears E. and W.
38.90	Top of broken ledge, 8 ft. high, bears N.80°E. and S.80°W., on top of spur, sloping NE. about 6.00 chs. dist., 255 ft. above $\frac{1}{4}$ sec. cor.; desc. gradually 20 ft.
53.10	Leave oak and buck brush and enter dense sagebrush, bears NE. and SW.
61.40	Leave undergrowth and enter heavy aspen timber, bears NE. and SW., in the head of draw, draining NE.; asc. 175 ft.
65.20	Leave heavy aspen timber and enter dense undergrowth of sagebrush, oak and buck brush, bears E. and W.
71.00	Spur, projects NW. about 3.00 chs. dist., thence N.5°E.; desc. gradually 5 ft. to
72.35	The cor. of secs. 4, 5, 8 and 9.
	Land; abrupt slopes of Dry Fork Canyon; rough with outcroppings and boulders of light sandstone formation, N. 32.35 chs.; general drainage NE.
	Soil; light sandy loam, 1 to 3 ft. deep, on N. slope of canyon; shallow and rocky red sand on SE. slope.
	Timber; aspen, spruce, balsam and pinon pine.
	Undergrowth; oak and buck brush, and sagebrush.
	Good grazing of grass and browse.
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described,
	N.0°03'W. bet. secs. 31 and 32.
	Asc. 200 ft. over SW. slope, through scattering spruce

Chains.	
	and yellow pine timber, and dense undergrowth of choke-cherry bushes, oak and buck brush.
8.60	Spur, projects SE.; desc. 95 ft.
14.30	Leave undergrowth and enter a patch of heavy aspen timber, bears NW. and SE.
19.80	Leave aspen timber and enter dense undergrowth of deer browse, oak and buck brush, bears E. and W.
22.50	Draw, course S.70°E.; asc. 345 ft.
37.80	Spur, projects SE. approximately 20.00 chs. dist.; asc. 10 ft. to ¼ sec. cor., across the head of draw, draining E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 31 | S 32

1921

from which,

A yellow pine, 10 ins. diam., bears S.58°15'E., 207 lks. dist., marked ¼ S 32 B.T.

A spruce, 6 ins. diam., bears S.13°45'W., 92 lks. dist., marked ¼ S 31 B T.

	Continue ascent of 95 ft. along E. slope.
56.80	Leave oak and buck brush and enter dense sagebrush, bears NE. and SW.
57.20	Ridge, bears NE. and SW.; desc. 100 ft.
64.90	Leave sagebrush and enter a patch of aspen timber, bears NW. and SE.
73.00	Leave patch of aspen timber and enter dense sagebrush, bears NE. and SW., in the head of fork of Little Creek Canyon, course NE.; asc. 40 ft. to sec. cor.
75.00	Enter a sparse growth of aspen timber, bears NE. and SW.
80.00	On an E. slope, set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 29, 30, 31 and 32, with brass cap mkd:

Subdivision of T. 18 S., R. 21 E.

Chains.	
	T18S | R21E S30 | S29 S31 | S32 1921
	from which,
	An aspen, 5 ins. diam., bears N.61°E., 196 lks. dist., marked T 18 S R 21 E S 29 B T.
	An aspen, 5 ins. diam., bears S.60°45'E., 73 lks. dist., marked T 18 S R 21 E S 32 B T.
	An aspen, 4 ins. diam., bears S.33°45'W., 69 lks. dist., marked T 18 S R 21 E S 31 B T.
	A yellow pine, 20 ins. diam., bears N.88°30'W., 583 lks. dist., marked T 18 S R 21 E S 30 B T.
	Land; mountainous of light colored sandstone formation; drainage and exposure SE., S. 57.20 chs.; N. 22.80 chs. drains N. with a northern exposure.
	Soil; light sandy loam, 6 ins. to 3 ft. deep, lying on bedrock.
	Timber; aspen, spruce and yellow pine.
	Undergrowth; sagebrush, deer browse, chokecherry bushes, oak and buck brush.
	Excellent grazing.
	East on a random line bet. secs. 29 and 32.
40.00	Set temp. ½ sec. cor.
80.00	Intersect N. and S. line, 16 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence,
	S.89°53'W. on a true line bet. secs. 29 and 32.
	Over level bottom of ravine, through dense sagebrush.
0.50	Dry wash, 10 lks. wide, 6 ft. deep, course SE.
1.80	Leave sagebrush and enter dense oak brush, bears NW. and SE.; asc. 890 ft. over abrupt NE. slope.
5.60	Leave undergrowth and enter heavy aspen timber, bears N. and S.
7.50	Leave aspen timber and enter dense oak brush, bears NW. and SE.
13.70	Leave undergrowth and enter heavy aspen timber, bears

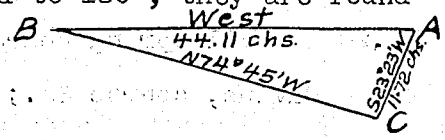
Subdivision of T. 18 S., R. 21 E.

Chains.	
	NW. and SE.
15.30	Leave aspen timber and enter dense undergrowth of sagebrush and oak brush, bears NW. and SE.
28.50	Spur, projects S.70°E.; asc. 180 ft. to ¼ sec. cor., across the head of draw, draining SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: $\frac{1}{4}\frac{S\ 29}{S\ 32}$ 1921 and at the base of the monument deposit a marked (X) stone, as there are no other accessories available.
	Continue ascent of 80 ft. along S. slope.
48.50	Ridge, bears NE. and SW.; desc. 190 ft.
66.30	Leave undergrowth and enter heavy aspen timber, bears N.20°E. and S.20°W.
70.70	Leave aspen timber and enter dense undergrowth of oak brush and sagebrush, bears N. and S.
72.40	Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of a fork of Little Creek Canyon, course N.15°E.; asc. 160 ft. to sec. cor.
72.60	Enter a sparse growth of aspen timber, bears NE. and SW.
80.00	The cor. of secs. 29, 30, 31 and 32.
	Land; abrupt and mountainous of light colored sandstone formation; drainage SE., E. 48.50 chs.; W. 31.50 chs. drains NE.
	Soil; light sandy loam, 6 ins. to 3 ft. deep, lying on bedrock.
	Timber; aspen.
	Undergrowth; oak brush and sagebrush.
	Excellent grazing of grass and browse.
	West on a random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
42.45	From this station the line descends abruptly over the rough E. side of She Canyon, through heavy timber and

Chains.

dense undergrowth, making chaining impracticable; therefore I make the following triangulation:

I designate the 42.45 ch. point as point "A", and set a flag "B" on random line on top of spur; then from station "A" measure a base line S.23°23'W. 11.72 chs. dist., along top of spur, to a point "C" which from flag "B" bears S.74°45'E. From the S. end of the base the flag "B" bears N.74°45'W.; all bearings checked by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions with an error of 1' balanced to 180°, they are found respectively 66°37', 98°08' and 15°15'.



Dist. on random line..... = 42.45 chs.
Dist. by triangulation..... = 44.11 "
Total dist. on random line to flag B..... = 86.56 "

I determine the remaining dist. from flag "B" by traversing as follows:

S.67°15'W. 19.15 chs., thence

North 7.60 " to sec. cor., or at

104.22 Intersect the W. bdy. of the Tp., 19 lks. S.1°0'E. of the cor. of secs. 30 and 31, hereinbefore described.

Thence,

S.89°54'E. on a true line bet. secs. 30 and 31.

Asc. 10 ft. over gradual SW. slope, through scattering aspen timber.

1.20 Enter dense undergrowth of oak brush, rosebushes, young aspen and spruce, service berry and chokecherry bushes, bears NW. and SE.

1.60 Enter heavy aspen, spruce, balsam and yellow pine timber, bears NW. and SE.

17.66 Triangulation point "B", on top of spur, projecting NW., 245 ft. above sec. cor.; desc. 685 ft.

40.00 Approximately. Ravine, course NW.; asc. abruptly 660 ft. to triangulation point "A".

61.77 Triangulation point "A", on top of spur, projecting SW.; desc. gradually 5 ft. to

Subdivision of T. 18 S., R. 21 E.

Chains.

64.22 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

$$\frac{1}{4}\ \frac{S\ 30}{S\ 31}$$
1921

from which,

A spruce, 6 ins. diam., bears N.71°45'W., 79 lks. dist., marked ¼ S 30 B T.

A spruce, 16 ins. diam., bears S.62°45'E., 24 lks. dist., marked ¼ S 31 B T.

Desc. abruptly 305 ft., over SW. slope.

87.20 A small spring bears S. about 10 lks. dist.

89.00 Ravine, course SW.; asc. 320 ft.

99.70 Ridge, bears N. and S.; leave heavy timber, bears N. and S., and enter scattering aspen timber; desc. 30 ft. to sec. cor.

101.50 Leave dense undergrowth, bears N. and S., and enter dense sagebrush.

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

Land; abrupt and rough E. side of She Canyon with general drainage NW., and western exposure, W. 99.70 chs.; gentle E. slope with general drainage N., E. 4.52 chs.; outcroppings of light colored sandstone formation.

Soil; sandy loam, 6 ins. to about 3 ft. deep, lying on a light colored clay subsoil or on bedrock.

Timber; aspen, spruce, balsam and yellow pine.

Undergrowth; oak brush, sagebrush, rosebushes, young aspen and spruce, service berry and chokecherry bushes.

Good grazing of grass and browse.

N.0°03'W. bet. secs. 29 and 30.

Asc. 40 ft. along gradual E. slope, through dense sagebrush and deer browse.

12.00 Bearing of ascent changes from N. and S. to NE. and SW.

21.20 Spur, projects NE.; desc. 100 ft. to ¼ sec. cor.

31.00 Leave undergrowth and enter heavy aspen timber, bears

Subdivision of T. 18 S., R. 21 E.

Chains	
	N.60°E. and S.60°W.
33.20	Leave heavy timber and enter scattering, bears E. and W.
33.50	Enter dense undergrowth of sagebrush and deer browse, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼
S 30 | S 29
1921

from which,

An aspen, 8 ins. diam., bears N.28°E., 111 lks. dist., marked ¼ S 29 B T.

An aspen, 8 ins. diam., bears N.19°45'W., 309 lks. dist., marked ¼ S 30 B T.

41.60	Fork of Little Creek Canyon, 10 ft. below ¼ sec. cor., course NE.; asc. gradually 10 ft.
44.70	Circular corral, constructed of poles, 60 lks. in diam., bears E. 1.00 ch. dist.
45.50	Leave undergrowth and enter heavy aspen timber, bears NE. and SW.
53.00	Leave heavy timber and enter scattering, bears NE. and SW.
53.20	Enter dense undergrowth of sagebrush and deer browse, bears NE. and SW.
56.80	Spur, projects N.20°E.; desc. 145 ft. to
79.80	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for witness cor. of secs. 19, 20, 29 and 30, with brass cap mkd:

WC
T18S | R21E
S19 | S20
S30 | S29
1921

from which,

An aspen, 5 ins. diam., bears N.81°15'E., 79 lks. dist., marked W C T 18 S R 21 E S 20 B T.

An aspen, 8 ins. diam., bears S.45°45'E., 110 lks. dist., marked W C T 18 S R 21 E S 29 B T.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	An aspen, 8 ins. diam., bears S.49°W., 84 lks. dist., marked W C T 18 S R 21 E S 30 B T.
	An aspen, 6 ins. diam., bears N.76°W., 75 lks. dist., marked W C T 18 S R 21 E S 19 B T.
80.00	The true point for cor. of secs. 19, 20, 29 and 30, falls in a dry wash, 10 lks. wide, 3 ft. deep, in the bottom of a fork of Little Creek Canyon, draining N.30°E. Corner not set.
	Land; mountainous, draining NE.
	Soil; sandy loam, 6 ins. to 3 ft. deep, lying on a brown or a light colored clay subsoil, or on bedrock.
	Timber; aspen.
	Undergrowth; sagebrush and deer browse.
	Good grazing.
	From the true point for cor. of secs. 19, 20, 29 and 30, N.89°53'E. on a random line bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence,
	S.89°56'W. on a true line bet. secs. 20 and 29.
	Asc. gradually 10 ft., over E. slope, through scattering aspen timber, dense undergrowth of sagebrush, deer browse, scattering oak brush, service berry and choke-cherry bushes.
3.40	Ridge, bears N. and S.; desc. 600 ft.
5.00	Enter heavy aspen timber, bears N. and S.; undergrowth becomes more scattering.
24.90	Stream of clear water, 2 lks. wide, 2 ins. deep, in wash, 40 lks. wide, 5 ft. deep, in the bottom of a fork of Little Creek Canyon, course N.; asc. abruptly 495 ft. to
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼ S 20 / S 29 1921

Subdivision of T. 18 S., R. 21 E.

Chains.	
	from which,
	An aspen, 4 ins. diam., bears N.10°W., 181 lks. dist., marked ‡ S 20 B T.
	As there are no trees available in sec. 29 suitable for marking, I raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Continue abrupt ascent of 75 ft.
41.00	Leave timber and enter dense undergrowth of sagebrush and deer browse, bears N. and S.
47.00	Spur, projects N.; desc. 260 ft.
54.90	Leave undergrowth and enter heavy aspen timber, bears N. and S.
64.20	Stream of clear water, 1 lk. wide, 1 in. deep, in wash, 20 lks. wide, 6 ft. deep, in the bottom of a fork of Little Creek Canyon, course N.; asc. 180 ft.
69.50	Ascent becomes abrupt, bearing N.20°E. and S.20°W.; enter dense sagebrush, bears N. and S.
71.70	Spur, projects N.20°E. approximately 10.00 chs. dist.; desc. 90 ft. to
/79.96	The true point for cor. of secs. 19, 20, 29 and 30.
	Land; abrupt and mountainous; light colored sandstone formation; general drainage NE.; E. and W. exposure.
	Soil; light sandy loam, about 6 ins. to 3 ft. deep, on slopes, deeper in the bottoms of canyons.
	Timber; aspen.
	Undergrowth; sagebrush, deer browse, oak brush, service berry and chokecherry bushes.
	Good grazing.
	From the true point for cor. of secs. 19, 20, 29 and 30, N.89°54'W. on a random line between Secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
/103.85	Intersect the W. bdy. of the Tp., 3 lks. S.0°59'W. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.
	Thence,

Subdivision of T. 18 S., R. 21 E.

Chains.	
	S.89°53'E. on a true line bet. secs. 19 and 30.
	Desc. 415 ft. along abrupt and rough S. slope, through a medium growth of aspen, spruce, yellow pine, balsam, pinon pine and mahogany timber, and scattering undergrowth of oak brush and young mahogany.
15.10	Leave timber and undergrowth, bears NE. and SW., at the base of descent, bearing NE. and SW.; over level bottom of She Canyon.
16.35	Old log fence, bears NW. and SE. across bottom of canyon.
22.60	She Creek, muddy water, 5 lks. wide, 6 ins. deep, in wash, 100 lks. wide, 12 ft. deep, course NE.; dense growth of willows along wash.
22.80	Enter scattering aspen, spruce and yellow pine timber, bears NE. and SW.; leave bottom of canyon; asc. abrupt NW. slope 540 ft.
23.80	Leave scattering timber and enter heavy aspen timber, bears NE. and SW.
32.20	Leave aspen timber and enter a medium growth of spruce, yellow pine, mahogany, cedar and pinon pine timber, bears N. and S.
35.20	Top of sloping ledge, 20 ft. high, bears N. and S.; enter dense undergrowth of oak brush, young mahogany and service berry bushes, bears NE. and SW.
50.80	Spur, projects SW. approximately 10.00 chs. dist.; desc. 60 ft. to
63.85	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

$$\frac{1}{4}\ \frac{S\ 19}{S\ 30}$$
1921

from which,

A mahogany, 4 ins. diam., bears N.6°30'E., 28 lks. dist., marked ¼ S 19 B T.

A mahogany, 4 ins. diam., bears S.25°30'W., 63 lks. dist., marked ¼ S 30 B T.

80.70	Ravine, 290 ft. below ¼ sec. cor., course SW.; enter

Subdivision of T. 18 S., R. 21 E.

Chains.	
	scattering aspen timber, bears NE. and SW.; asc. abruptly 575 ft.
97.40	Leave medium growth of timber and enter heavy aspen timber, bears N. and S.
97.60	Ridge, bears N. and S.; desc. 110 ft. to true point for sec. cor.
98.50	Oak brush, young mahogany and service berry bushes become more scattering; enter dense sagebrush and deer browse undergrowth, bears N. and S.
103.85	The true point for cor. of secs. 19, 20, 29 and 30.
	Land; abrupt and rough E. and W. sides of She Canyon, draining generally to the N., W. 97.60 chs.; E. slope, draining NE., E. 6.25 chs.; light sandstone formation.
	Soil; light sandy loam, 6 ins. to 3 ft. deep, lying on a dark clay subsoil or on bedrock, on slopes; dark or a black loam several ft. deep in the bottom of She Canyon.
	Timber; aspen, spruce, balsam, yellow pine, mahogany, cedar and pinon pine.
	Undergrowth; oak brush, young mahogany, service berry bushes, deer browse, sagebrush and willows.
	Good grazing.
	N.0°03'W. bet. secs. 19 and 20., from true cor. point.
	Asc. gradually 125 ft. along E. slope, through scattering aspen timber, and dense undergrowth of sagebrush, deer browse and oak brush.
31.00	Spur, projects NE.; desc. 35 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 19 | S 20

19 | 21

from which,

An aspen, 8 ins. diam., bears N.66°30'W., 425 lks. dist., marked ¼ S 19 B T.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	As there are no trees suitable for marking within a reasonable dist. in sec. 20, I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
49.90	Head of draw, 70 ft. below ¼ sec. cor., course NE.; asc. 90 ft. to
80.00	On a SE. slope, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 17, 18, 19 and 20, with brass cap mkd:

T18S	R21E
S18	S17
S19	S20

1921

from which,

An aspen, 7 ins. diam., bears S.46°30'W., 135 lks. dist., marked T 18 S R 21 E S 19 B T.

I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor., as there are no trees available in secs. 17, 18 and 20.

Land; gentle E. slope, draining NE.; light colored sandstone formation.

Soil; light sandy loam, 1 to 3 ft. deep, lying on a clay subsoil or on bedrock.

Timber; aspen.

Undergrowth; sagebrush, deer browse and oak brush.

Excellent grazing.

	N.89°56'E. on a random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line, at the cor. of secs. 16, 17, 20 and 21.
	Thence,
	S.89°56'W. on a true line bet. secs. 17 and 20.
	Desc. abrupt W. slope 520 ft., through scattering aspen, spruce and yellow pine timber, and undergrowth of dense oak and buck brush, and scattering service berry bushes.
14.80	Stream of clear water, 2 lks. wide, 2 ins. deep, in wash, 15 lks. wide, 4 ft. deep, in the bottom of a fork of

Chains.	
	Little Creek Canyon, course N.; asc. 480 ft.
34.20	Spur, projects NE approximately 40.00 chs. dist.; desc. 120 ft. to
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 17 / S 20 1921
	from which,
	A yellow pine, 24 ins. diam., bears N.16°E., 170 lks. dist., marked ¼ S 17 B T.
	A yellow pine, 24 ins. diam., bears S.70°W., 152 lks. dist., marked ¼ S 20 B T.
51.90	Stream of clear water, 3 lks. wide, 2 ins. deep, in wash, 15 lks. wide, 3 ft. deep, in the bottom of the main fork of Little Creek Canyon, 380 ft. below ¼ sec. cor., course N.30°E.; asc. abruptly 730 ft. to sec. cor.
52.10	Enter a medium growth of sagebrush and deer browse, bears NE. and SW.
79.96	The cor. of secs. 17, 18, 19 and 20.
	Land; steep mountains with outcroppings of light colored sandstone; general drainage NE.
	Soil; sandy loam, 1 to 3 ft. deep, lying on a light colored subsoil or on bedrock.
	Timber; aspen, spruce and yellow pine.
	Undergrowth; oak and buck brush, service berry bushes, sagebrush and deer browse.
	Good grazing.
	N.89°53'W. on a random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
105.59	Intersect the W. bdy. of the Tp., 21 lks. S. of the cor. of secs. 18 and 19, hereinbefore described.
	Thence,
	S.89°46'E. on a true line bet. secs. 18 and 19.
	Desc. 130 ft. over SE. slope, through scattering aspen, spruce, yellow pine and mahogany timber, and dense undergrowth of oak brush.

Subdivision of T. 18 S., R. 21 E.

Chains.	
3.60	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, course N.60°E.; asc. 320 ft.
3.80	Enter a medium growth of timber, bears N.60°E. and S.60°W. undergrowth becomes scattering.
13.30	Spur, projects N.20°E. approximately 15.00 chs. dist.; desc. 370 ft. ~~to creek~~.
18.60	Perpendicular ledge, 50 ft. high, bears N. and S.
22.20	Creek of muddy water, 10 lks. wide, 6 ins. deep, in wash, 100 lks. wide, 15 ft. deep, in the bottom of She Canyon, course N.20°E.; leave timber and undergrowth, bears N.20°E. and S.20°W.; asc. gradually 15 ft. across bottom of canyon, through scattering sagebrush.
25.80	Leave sagebrush, bears N.20°E. and S.20°W.; asc. 190 ft. over abrupt NW. slope, through scattering aspen, spruce and yellow pine timber, bearing N.20°E. and S.20°W.
26.00	Enter dense undergrowth of oak and buck brush, and deer browse, bears NE. and SW.
27.30	Enter a medium growth of timber, bears NE. and SW.
31.30	Spur, slopes SW.; desc. gradually 155 ft. to
65.59	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: $\frac{1/4\ S\ 18}{S\ 19}$ 1921 from which, A yellow pine, 24 ins. diam., bears N.70°30'W., 62 lks. dist., marked ¼ S 18 B T. A spruce, 10 ins. diam., bears S.18°30'E., 40 lks. dist., marked ¼ S 19 B T.
66.20	Ravine, 10 ft. below ¼ sec. cor., course S.80°W.; asc. abruptly 1070 ft.
97.60	Ridge, bears N.20°E. and S.; leave medium growth of timber and enter scattering aspen timber, bears N. and S.; desc. 130 ft. to sec. cor.
98.00	Enter dense sagebrush, bears N. and S.
105.59	The cor. of secs. 17, 18, 19 and 20.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	Land; abrupt and rough E. and W. sides of She Canyon, with general drainage N., W. 97.60 chs.; SE. slope with general drainage NE., E. 7.99 chs.; light colored sandstone formation.
	Soil; sandy loam, shallow and rocky on the rough portions, and about 1 to 2 ft. deep, lying on a dark clay subsoil or on bedrock, in the bottoms of ravines and on gentle slopes; black loam several ft. deep in the bottom of She Canyon.
	Timber; aspen, spruce, yellow pine and mahogany.
	Undergrowth; sagebrush, deer browse, oak and buck brush.
	Good grazing of grass and browse.
	N.0°05'W. bet. secs. 17 and 18.
	Asc. gradually 45 ft. along SE. slope, through scattering aspen timber, and dense undergrowth of sagebrush, deer browse and oak brush.
12.00	Ridge, bears N.60°E. and S.60°W.; desc. 195 ft.
12.20	Enter heavy aspen timber, bears NE. and SW.
19.20	Leave timber, bears E. and W., in the bottom of ravine, course W.; asc. 90 ft.
34.80	Spur, projects S.70°W. approximately 10.00 chs. dist.; enter scattering yellow pine and spruce timber, bears NE. and SW.; desc. 50 ft. to ¼ sec. cor.
38.00	Enter a medium growth of aspen timber, bears E. and W.
40.00	In the head of draw, draining W., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 18 | S 17

19 21

from which,

An aspen, 4 ins. diam., bears S.72°45'E., 17 lks. dist., marked ¼ S 17 B T.

A spruce, 6 ins. diam., bears S.71°30'W., 19 lks. dist., marked ¼ S 18 B T.

Subdivision of T. 18 S., R. 21 E.

Chains.	
41.00	Leave aspen timber, bears E. and W.
41.30	Enter scattering undergrowth of young mahogany and buck brush, bears E. and W.
47.10	Enter a medium growth of spruce, balsam and yellow pine timber, bears E. and W.
59.20	Spur, 265 ft. above ¼ sec. cor., projects N.70°W.; enter heavy spruce, balsam and yellow pine timber, bears E. and W.; undergrowth becomes scattering; desc. 590 ft.
64.20	Leave heavy timber and enter scattering, bears NW. and SE.
64.40	Enter heavy aspen timber, bears NW. and SE.
74.50	Ravine, course NW.; leave aspen timber, bears NW. and SE.; asc. 15 ft. to sec. cor., through dense undergrowth of oak and buck brush, young mahogany, service berry bushes and deer browse, bearing NW. and SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 7, 8, 17 and 18, with brass cap mkd:

T18S	R21E
S7	S8
S18	S17

1921

from which,

An aspen, 6 ins. diam., bears N.32°15'E., 34 lks. dist., marked T 18 S R 21 E S 8 B T.

A spruce, 24 ins. diam., bears S.59°E., 32 lks. dist., marked T 18 S R 21 E S 17 B T.

A spruce, 5 ins. diam., bears S.58°W., 47 lks. dist., marked T 18 S R 21 E S 18 B T.

A spruce, 6 ins. diam., bears N.34°45'W., 23 lks. dist., marked T 18 S R 21 E S 7 B T.

Land; gradual SE. slope with general drainage NE., S. 12.00 chs.; line runs along the abrupt and rough E. side of She Canyon, draining W., N. 68.00 chs.; light colored sandstone formation.

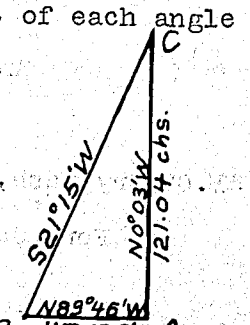
Soil; sandy loam, 1 to 3 ft. deep, lying on a dark clay subsoil or on bedrock.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	Timber; aspen, spruce, balsam and yellow pine.
	Undergrowth; oak and buck brush, deer browse, young mahogany, sagebrush and service berry bushes.
	Good growth of grass and browse.
	N.89°56'E. on a random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect N. and S. line, 23 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence,
	N.89°54'W. on a true line bet. secs. 8 and 17.
	Asc. abruptly 520 ft. over SE. slope, through a medium growth of aspen, spruce, yellow pine, cedar and pinon pine timber, and dense undergrowth of oak and buck brush.
10.00	Leave medium growth of timber and enter scattering, bears NE. and SW.
14.70	Spur, projects SE.; enter a medium growth of timber, bears NW. and SE.; desc. 15 ft.
22.80	Ravine, course S.; leave timber, bears N. and S.; asc. 350 ft.
23.00	Enter dense undergrowth of sagebrush and deer browse, bears N. and S.
37.40	Ridge, bears N.20°E. and S.20°W.; enter scattering aspen timber, bears N. and S.; desc. 25 ft. to
39.97	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 8 / S 17 / 1921
	from which,
	An aspen, 6 ins. diam., bears N.89°45'W., 558 lks. dist., marked ¼ S 8 B T.
	An aspen, 6 ins. diam., bears S.89°W., 558 lks. dist., marked ¼ S 17 B T.
51.00	Dry wash, 3 lks. wide, 1 ft. deep, in the bottom of Dry Fork Canyon, 185 ft. below ¼ sec. cor., course N.; asc.

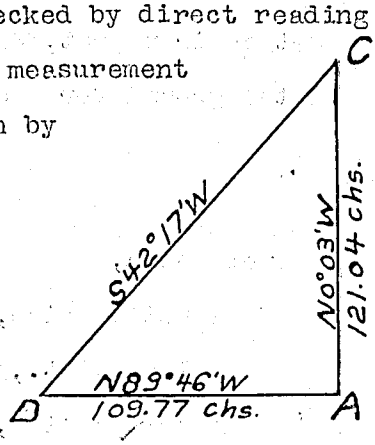
Subdivision of T. 18 S., R. 21 E.

Chains.	
	190 ft., through a medium growth of aspen timber, bearing N. and S.
62.30	Leave medium growth of aspen and enter scattering spruce, balsam, yellow pine and aspen timber, bears N. and S., at the top of abrupt ascent, bearing N. and S.; asc. gradually.
65.90	Ridge, bears N. and S.; desc. 530 ft. to sec. cor.
66.10	Enter a medium growth of timber, bears N. and S.
79.94	The cor. of secs. 7, 8, 17 and 18.
	Land; abrupt mountains with outcroppings of light colored sandstone; general drainage NE., E. 65.90 chs.; W. 14.04 chs. drains NW.
	Soil; sandy loam, 1 ft. to 4 ft. deep, lying on a dark clay subsoil or on bedrock.
	Timber; aspen, spruce, balsam, yellow pine, cedar and pinon pine.
	Undergrowth; oak and buck brush, sagebrush and deer browse.
	Good grazing of grass and browse.
	N.89°46'W. on a random line bet. secs. 7 and 18.
	Owing to this line crossing the abrupt and rough sides of She Canyon, and through dense tall undergrowth and heavy timber, making chaining impracticable, I make the following triangulations:
	I designate the cor. of secs. 7, 8, 17 and 18 as point A, and set a flag B on random line on top of spur; then from point A, measure a base line N.0°03'W. 121.04 chs. dist. to a point "C" which from flag "B" bears N.21°15'W. From the N. end of the base the flag "B" bears S.21°15'W.; all bearings checked by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions with an error of 1' balanced to 180°, they are found respectively 89°43', 21°18' and 68°59'.



Subdivision of T. 18 S., R. 21 E.

Chains.	
	Dist. by triangulation = 47.10 chs.
	Thence, S.89°46'E. 7.10 chs. to
40.00	Set temp. ¼ sec. cor.
	Thence, N.89°46'W. 7.10 chs. to flag "B".
	Set a flag "D" on random line on the W. side of canyon; from point "C" in the first triangulation, flag "D" bears S.42°17'W.; and from flag "D", point "C" bears N.42°17'E. All bearings checked by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions with an error of 1' balanced to 180°, they are found respectively 89°43', 42°20' and 47°57'.



Dist. by triangulation .... =109.77 chs.
Dist. by return measurement = 3.77 "
106.00 " or at

106.00	Intersect the W. bdy. of the Tp., 18 lks. N.0°22'W. of the cor. of secs. 7 and 18, hereinbefore described.
	Thence,
	S.89°52'E. bet. secs. 7 and 18, giving approximate distances to topography on true line.
	Desc. 195 ft. along top of rough spur, sloping E., through a medium growth of aspen, spruce, yellow pine, cedar and pinon pine timber, and scattering undergrowth of service berry bushes, oak and buck brush.
8.00	Leave timber, bears N. and S., at the base of descent, bearing N. and S.; over nearly level bottom of She Canyon, through scattering sagebrush.
9.00	Leave undergrowth of service berry bushes, oak and buck brush, bears N. and S.
11.00	She Creek, muddy water, 10 lks. wide, 6 ins. deep, in wash, 50 lks. wide, 10 ft. deep, course N.
13.00	Leave sagebrush, bears NW. and SE.; leave bottom of canyon, begin abrupt ascent of 1380 ft. over rough SW. slope, through dense undergrowth of young mahogany,

Chains.	
	service berry bushes, oak and buck brush, bearing NE. and SW.
13.50	Enter a medium growth of spruce, balsam, aspen, yellow pine, cedar, mahogany and pinon pine timber, bears NW. and SE.
58.90	Triangulation point "B", on top of spur, projecting NW.; timber becomes scattering, bearing NW. and SE.; desc. 60 ft. to
66.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: S 7 / ¼ / S 18 / 1921 from which, A yellow pine, 8 ins. diam., bears N.5°15'E., 100 lks. dist., marked ¼ S 7 B T. A yellow pine, 18 ins. diam., bears S.43°W., 215 lks. dist., marked ¼ S 18 B T.
74.00	Enter heavy timber, bears NW. and SE.
101.00	Draw, 540 ft. below ¼ sec. cor., course NW.; asc. 210 ft. to
106.00	The cor. of secs. 7, 8, 17 and 18.
	Land; steep and rough E. and W. slopes of She Canyon, with general drainage N.; ledges of light colored sandstone formation.
	Soil; sandy loam from a few ins. to 4 ft. deep, lying on bedrock, on slopes; dark or a black loam several ft. deep, in the bottom of She Canyon.
	Timber; spruce, balsam, aspen, yellow pine, cedar, pinon pine and mahogany.
	Undergrowth; oak and buck brush, service berry bushes, sagebrush and young mahogany.
	Good grazing of grass and browse.
	N.0°03'W. bet. secs. 7 and 8.
	Asc. 95 ft. over SW. slope, through a medium growth of spruce and yellow pine timber, and dense undergrowth of oak and buck brush.

Subdivision of T. 18 S., R. 21 E.

Chains.	
8.80	Spur, projects N.70°W. approximately 10.00 chs. dist.; desc. 325 ft.
9.00	Enter a medium growth of aspen timber, bears E. and W.
19.70	Draw, course S.70°W.; leave medium growth of timber and enter scattering spruce, yellow pine, balsam and pinon pine timber, bears E. and W.; asc. 305 ft.
35.40	Spur, projects N.80°W. approximately 15.00 chs. dist.; desc. abruptly 140 ft. to ¼ sec. cor.
36.00	Enter heavy aspen, spruce and yellow pine timber, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S 7 | S 8 1921 from which, A spruce, 6 ins. diam., bears N.47°E., 22 lks. dist., marked ¼ S 8 B T. A spruce, 8 ins. diam., bears S.49°W., 13 lks. dist., marked ¼ S 7 B T.
55.20	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, 560 ft. below ¼ sec. cor., course N.60°W.; leave heavy timber and enter a medium growth of pinon pine, cedar, spruce and mahogany timber, bears N.60°W. and S.60°E.; asc. abruptly 800 ft. over rough SE. slope.
75.00	Spur, projects S.20°W. approximately 20.00 chs. dist.; desc. 110 ft. to sec. cor.
75.30	Enter dense undergrowth of young mahogany, bears NE. and SW.; leave timber, bears N.20°E. and S.20°W.
80.00	On a W. slope, set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 5, 6, 7 and 8, with brass cap mkd: T18S | R21E S6 | S5 S7 | S8 1921

Subdivision of T. 18 S., R. 21 E.

Chains.	
	from which,
	A spruce, 6 ins. diam., bears S.11°30'E., 150 lks. dist., marked T 18 S R 21 E S 8 B T.
	A mahogany, 4 ins. diam., bears S.25°W., 10 lks. dist., marked T 18 S R 21 E S 7 B T.
	A mahogany, 4 ins. diam., bears N.45°W., 44 lks. dist., marked T 18 S R 21 E S 6 B T.
	There are no trees available in sec. 5.
	Land; steep and rough W. slope of She Canyon, with outcroppings of light colored sandstone; drainage W. to She Canyon.
	Soil; sandy loam, from a few ins. to 4 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; aspen, spruce, balsam, yellow pine, cedar, mahogany and pinon pine.
	Undergrowth; oak and buck brush, and young mahogany.
	Good growth of grass and browse.
	S.89°54'E. on a random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.22	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 4, 5, 8 and 9.
	Thence,
	N.89°58'W. on a true line bet. secs. 5 and 8.
	Desc. W. slope 455 ft., through dense sagebrush, oak and buck brush.
6.20	Leave undergrowth and enter a medium growth of aspen timber, bears N.60°W. and S.
14.50	Leave aspen timber and enter dense undergrowth, bears N. and S.
16.70	Leave undergrowth and enter heavy aspen timber, bears N. and S.
19.70	Dry wash, 15 lks. wide, 5 ft. deep, in the bottom of Dry Fork Canyon, course N.30°E.; asc. 475 ft.
19.90	Leave timber, bears N.30°E. and S.30°W.
20.10	Enter dense oak brush, bears N.30°E. and S.30°W.

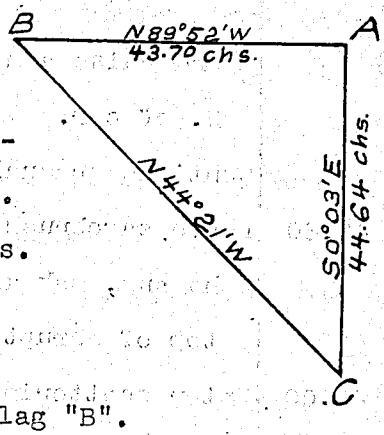
Subdivision of T. 18 S., R. 21 E.

Chains.	
36.20	Leave oak brush and enter dense sagebrush, bears NW. and SE.
38.80	Ridge, bears NW. and SE.; desc. 5 ft. to
40.11	On a gradual SW. slope, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 5 / S 8 1921
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Continue gradual descent of 5 ft. to
42.60	Leave sagebrush and enter dense undergrowth of young mahogany, oak and buck brush, bears NW. and SE., at the top of abrupt descent, bearing NW. and SE.
45.00	Enter scattering mahogany timber, bears NW. and SE.
48.10	Head of draw, 105 ft. below top of abrupt descent, course SW.; asc. 35 ft.
58.00	Spur, projects SW. approximately 20.00 chs. dist.; desc. 210 ft.
66.10	Ravine, course SW.; asc. 190 ft.
75.90	Spur, projects S.; desc. 120 ft. to
80.22	The cor. of secs. 5, 6, 7 and 8.
	Land; abrupt mountains with outcroppings of light colored sandstone; general drainage NE., E. 38.80 chs., and SW., W. 41.42 chs.
	Soil; sandy loam, 1 to 4 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; aspen and mahogany.
	Undergrowth; sagebrush, young mahogany, oak and buck brush.
	Good grazing of grass and browse.
	N.89°52'W. on a random line bet. secs. 6 and 7.
	This line crosses the abrupt and rough sides of She Canyon, through dense tall undergrowth, making chaining

Chains.

impracticable; therefore I make the following triangulations:

I designate the cor. of secs. 5, 6, 7 and 8 as point "A", and set a flag "B" on random line on top of spur; from point "A" an auxiliary flag "C" bears S.0°03'E. 44.64 chs. dist., and from flag "C" the flag "B" bears N.44°21'W. All bearings checked by direct reading of the solar and by separate measurement of each angle by deflection by three repetitions with an error of 30" balanced to 180°, they are found respectively 90°11', 44°18' and 45°31'.



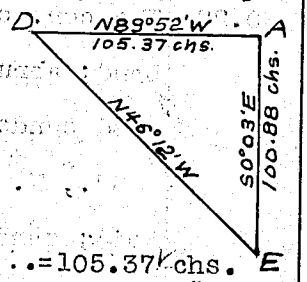
Dist. by triangulation = 43.70 chs.

Thence, S.89°52'E. 3.70 chs. to

40.00 Set temp. ¼ sec. cor.

Thence, N.89°52'W. 3.70 chs. to flag "B".

Set a flag "D" on random line on the W. side of canyon; from the cor. of secs. 5, 6, 7 and 8, an auxiliary flag "E" bears S.0°03'E. 100.88 chs. dist., and from flag "E" the flag "D" bears N.46°12'W. All bearings checked by direct reading of the solar and by separate measurement of each angle by deflection by three repetitions, they are found respectively 90°11', 46°09' and 43°40'; and their sum is equal to 180°00'.



Dist. by triangulation.....=105.37 chs.
Dist. by return measurement to sec. cor. = 0.26 "
105.11 " or at

105.11 Intersect the W. bdy. of the Tp., 6 lks. S.0°57'E. of the cor. of secs. 6 and 7, hereinbefore described.

Thence,

S.89°50'E. bet. secs. 6 and 7, giving approximate distances to topography on true line.

Desc. 160 ft. over SE. slope, through scattering aspen, spruce, balsam, yellow pine and mahogany timber, and

Subdivision of T. 18 S., R. 21 E.

Chains.	
	undergrowth of scattering service berry and chokecherry bushes, and dense oak brush.
20.00	Creek of muddy water, 10 lks. wide, 6 ins. deep, in wash, 30 lks. wide, 10 ft. deep, in the bottom of She Canyon, course N.; enter a medium growth of timber, bears N. and S.; asc. abruptly 310 ft.
21.00	Enter dense undergrowth of buck brush and young mahogany, bears N. and S.
49.60	Spur, projects SW.; enter a medium growth of cedar and pinon pine timber, bears NE. and SW.; desc. 110 ft.
55.00	Draw, course SW.; asc. 110 ft. to
61.41	Triangulation point "B" on top of spur, projecting S. approximately 15.00 chs. dist.; desc. 130 ft. to
65.11	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: $\frac{1}{4}\frac{S\ 6}{S\ 7}$ 1921 from which, A spruce, 24 ins. diam., bears N.54°E., 28 lks. dist., marked ¼ S 6 B T. A pinon pine, 14 ins. diam., bears S.38°15'W., 25 lks. dist., marked ¼ S 7 B T.
65.60	Draw, 50 ft. below ¼ sec. cor., course S.; asc. 180 ft.
72.10	Spur, projects S. approximately 15.00 chs. dist.; desc. 180 ft.
90.00	Draw, course SW.; asc. 220 ft. to
105.11	Triangulation point "A" at the cor. of secs. 5, 6, 7 and 8.
	Land; abrupt sides of She Canyon with outcroppings of light colored sandstone; drainage E. to She Creek, W. 20.00 chs.; remainder of line drains SW. to She Creek.
	Soil; sandy loam from a few ins. to 3 ft. deep, lying on a clay subsoil or on bedrock; black loam several ft. deep in the bottom of She Canyon.
	Timber; aspen, spruce, balsam, yellow pine, mahogany, cedar and pinon pine.

Subdivision of T. 18 S., R. 21 E.

Chains.	
	Undergrowth; young mahogany, oak and buck brush, service berry and chokecherry bushes.
	Good grazing of grass and browse.
	N.0°20'W. on a random line bet. secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
72.06	Intersect the N. bdy. of the Tp., 4 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.
	Thence,
	S.0°18'E. on a true line bet. secs. 5 and 6.
	Asc. 215 ft. along gradual SE. slope of spur, through dense sagebrush, oak and buck brush.
18.00	Enter scattering aspen undergrowth, bears NW. and SE.
29.90	Ridge, bears E. and W.; desc. 25 ft. to ¼ sec. cor.
30.20	Leave aspen undergrowth, bears E. and W.
32.06	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 6 | S 5

1921

from which,

A spruce, 6 ins. diam., bears S.71°30'E., 55 lks. dist., marked ¼ S 5 B T.

A spruce, 14 ins. diam., bears S.74°W., 79 lks. dist., marked ¼ S 6 B T.

45.90	Head of draw, 365 ft. below ¼ sec. cor., course S.20°W.; enter dense undergrowth of young mahogany, bears NE. and SW.; asc. gradually 40 ft. to
72.06	The cor. of secs. 5, 6, 7 and 8.
	Land; mountainous; outcroppings of light colored sandstone, S. ½ mile; general drainage and exposure SW., S. 42.16 chs., and northern exposure and drainage, N. 29.90 chs.
	Soil; sandy loam, about 1 to 3 ft. deep, lying on a brown or dark clay subsoil, or on bedrock.
	Timber; a few scattering spruce and balsam near ¼ sec. cor.

Undergrowth; sagebrush, oak and buck brush, young aspen and mahogany.

Good grazing.

Latitudes, Departures and Closing Errors.

Line Designated.	True Bearing	Dist-ance.	Latitudes. N.	Latitudes. S.	Departures. E.	Departures. W.
		Chs.	Chs.	Chs.	Chs.	Chs.
W. bdy. of Tp.:						
Bet. secs. 31 and 36.	N.1°16'W.	39.34	39.33			0.87
	N.0°54'W.	39.76	39.75			0.62
Bet. secs. 25 and 30.	N.1°0'W.	40.08	40.07			0.70
	N.0°59'E.	40.86	40.85		0.69	
Bet. secs. 19 and 24.	N.2°41'W.	37.90	37.66			1.77
	N.0°09'E.	38.30	38.30		0.10	
Bet. secs. 13 and 18.	North	40.38	40.38			
	N.0°22'W.	38.76	38.76			0.25
Bet. secs. 7 and 12.	N.0°22'W.	38.76	38.76			0.25
	N.1°11'E.	39.60	39.59		0.82	
Bet. secs. 1 and 6.	N.0°37'W.	39.81	39.80			0.66
	N.0°17'W.	38.01	38.01		0.19	
N. bdy. of Tp.	East	504.70			504.70	
East bdy. Tp.	South	473.07		473.07		
South bdy. Tp.	West	502.62				502.62
Convergency.....					0.59	
			471.46	473.07	507.09	507.74
				471.46		507.09
Errors in lat.....				1.61	in dep.	0.65

General Description.

The southeast part of this township is located on the southeast break of the Tavaputs Plateau, known as the Roan or Brown Cliffs, and the remainder on the Tavaputs Plateau, being divided by a ridge crossing the township in a southwesterly direction from the north boundary of section one to the south boundary of section thirty-two; and all of the land may be classed as rough mountainous, except parts of sections in the fifth range, where there are level and wide top ridges. The Roan or Brown Cliffs have a southeast exposure and an elevation above sea level from approximately five thousand five hundred to eight thousand five hundred

General Description.

feet; and the surface is cut by several deep and rugged canyons, the principal ones being Teepee, Spruce and Diamond Canyons, draining southeasterly into Cottonwood Creek which flows into Grand River. The portion on the Tavaputs Plateau has a general northwest exposure and an altitude of approximately seven thousand to eight thousand five hundred feet above sea level, and the land is drained northeasterly by East Willow Creek, Little Creek and Dry Fork Canyons, with the exception of the west range of sections which is drained generally to the north by She Canyon. The last three named creeks flow into East Willow Creek, in Township Seventeen South, Range Twenty-one East.

Red and light colored sandstone is the principal formation, although outcroppings of shale are found in a great many places.

The soil is a red sand, very shallow and rocky, lying on bedrock, in the southeast portion of the township, or on the sections in the Roan or Brown Cliffs; but on the northwest slope of the Tavaputs Plateau, the soil is a sandy loam, varying in depth from a few inches to four feet, lying on a clay subsoil or on bedrock. A dark or a black rich loam is found in the bottoms of nearly all of the canyons; and in the wider canyon bottoms, the soil will produce crops with or without irrigation, but owing to the altitude it is impracticable to farm any of the land in this township.

Aspen, spruce, balsam, yellow pine, cedar, pinon pine and mahogany cover the township, varying from a scattering growth to patches of heavy timber, being more dense on the sides of She Canyon. Cottonwood, boxelder, maple and birch are found along creeks and in the bottoms of ravines and canyons, on the sections in the Roan or Brown Cliffs.

Oak and buck brush is the principal undergrowth, although there is found a scattering growth of rosebushes,

General Description.

service berry and chokecherry bushes, young aspen, spruce and mahogany on the greater portion of the range. Dense sagebrush also grows on the tops of some of the ridges and in some of the canyon bottoms; and a dense growth of willows is found along nearly all of the creeks.

There is an abundant growth of grass and browse, and the township is well supplied with water, as there are numerous springs, and streams are found in almost all of the canyons and ravines; therefore the land is suitable for grazing purposes; and the sections in the Roan or Brown Cliffs, which have a southeast exposure and lower altitude, make a good spring range, and the northwest slope of the Tavaputs Plateau, with a higher elevation, serves as an excellent summer range. But owing to the mountains being covered with dense tall undergrowth, the land is more suitable for cattle than for sheep.

I saw no indications of mineral, oil or coal, and the land does not appear to have been prospected.

There are no settlers, roads or improvements in this township.

The peaks located in sections five and six are known as the Santio Knolls.

Water is located in this township as follows:

Stream of water in SE.¼SE.¼ of section twelve; small stream in NE.¼SE.¼ of section twelve. Small stream in SE.¼NE.¼ of section eleven and SW.¼NW.¼ of section twelve. Stream in fork of Diamond Canyon, E.½NW.¼ of section twelve, SE.¼SW.¼ and the S.½SE.¼ of section one. Small stream in NE.¼NE.¼ of section two and NW.¼NW.¼ of section one. Stream in SE.¼SW.¼ of section twenty-six, and E.½NW.¼, SW.¼NE.¼, W.½SE.¼ and SE.¼SE.¼ of section thirty-five. Stream in Harmes Canyon, NW.¼SW.¼, W.½NW.¼ of section fourteen, and the W.½SW.¼ of section eleven. Stream in fork of Harmes Canyon, NW.¼NE.¼ of

General Description.

section fourteen, SW.¼SE.¼ and S.½SW.¼ of section eleven. Spring rises in NW.¼NE.¼ of section fourteen. Spring rises in SW.¼SE.¼ of section eleven. Small stream in NW.¼NW.¼ of section eleven and SW.¼SW.¼ of section two. Small stream in SE.¼NE.¼ and N.½NE.¼ of section two. Stream in fork of Teepee Canyon, SE.¼NE.¼, NE.¼SE.¼ of section thirty-three, N.½SW.¼ and SE.¼SW.¼ of section thirty-four. Stream in Teepee Canyon, SE.¼NW.¼, SW.¼NE.¼, N.½SE.¼ of section thirty-four, and W.½SW.¼ of section thirty-five. Two springs rise in NE.¼SE.¼ of section ten. East Willow Creek flows through the SE.¼SW.¼, S.½SE.¼, NE.¼SE.¼ and the SE.¼NE.¼ of section thirty-two; W.½NW.¼ of section thirty-three; S.½SW.¼, NE.¼SW.¼, W.½NE.¼, NW.¼SE.¼ and NE.¼NE.¼ of section twenty-eight; E.½SE.¼ of section twenty-one; NW.¼SW.¼ and W.½NW.¼ of section twenty-two S.½SW.¼, NE.¼SW.¼, E.½NW.¼ and NW.¼NE.¼ of section fifteen; W.½SE.¼, NE.¼SE.¼ and E.½NE.¼ of section ten; NW.¼NW.¼ of section eleven; and W.½W.¼ of section two. Small stream W.½SE.¼ of section thirty-three. Fork of Little Creek rises in the NW.¼SW.¼ and flows through the S.½NW.¼ and the NE.¼NW.¼ of section twenty-one; SE.¼SW.¼, W.½SE.¼, W.½NE.¼ and the NE.¼NE.¼ of section sixteen; and the E.½SE.¼ of section nine. Two springs rise in the NW.¼SE.¼, and one spring rises in the NW.¼NE.¼ of section sixteen. Spring rises in the NE.¼SE.¼ of section nine. Stream in Dry Fork Canyon rises in the NE.¼SE.¼ and flows through the SE.¼NE.¼ of section five; and through the W.½NW.¼ and NE.¼NW.¼ of section four. Seepage of water in the NW.¼NW.¼ of section four. Spring rises in the SW.¼SE.¼ of section twenty-nine. Stream in the fork of Little Creek in W.½NE.¼ of section twenty-nine; W.½SE.¼, S.½NE.¼ and the NE.¼NE.¼ of section twenty; E.½SE.¼ and the SE.¼NE.¼ of section seventeen. Spring rises in the SE.¼NE.¼ of section twenty. Little Creek rises in the

General Description.

NW.$\frac{1}{4}$ NW.$\frac{1}{4}$ of section twenty-nine, and flows through the W.$\frac{1}{2}$ SW.$\frac{1}{4}$, S.$\frac{1}{2}$ NW.$\frac{1}{4}$ and NE.$\frac{1}{4}$ NW.$\frac{1}{4}$ of section twenty; E.$\frac{1}{2}$ SW.$\frac{1}{4}$, NW.$\frac{1}{4}$ SE.$\frac{1}{4}$, S.$\frac{1}{2}$ NE.$\frac{1}{4}$ and NE.$\frac{1}{4}$ NE.$\frac{1}{4}$ of section seventeen; NW.$\frac{1}{4}$ NW.$\frac{1}{4}$ of section sixteen; S.$\frac{1}{2}$ SW.$\frac{1}{4}$, NE.$\frac{1}{4}$ SW.$\frac{1}{4}$, N.$\frac{1}{2}$ SE.$\frac{1}{4}$ and the E.$\frac{1}{2}$ NE.$\frac{1}{4}$ of section nine; NW.$\frac{1}{4}$ NW.$\frac{1}{4}$ of section ten; and W.$\frac{1}{2}$ SW.$\frac{1}{4}$, S.$\frac{1}{2}$ NW.$\frac{1}{4}$ and the NE.$\frac{1}{4}$ NW.$\frac{1}{4}$ of section three. One spring each in the SW.$\frac{1}{4}$ SW.$\frac{1}{4}$ and the SW.$\frac{1}{4}$ NE.$\frac{1}{4}$ of section twenty. Small stream in SW.$\frac{1}{4}$ NW.$\frac{1}{4}$ of section eight and S.$\frac{1}{2}$ NE.$\frac{1}{4}$ of section seven. Spring rises in the NE.$\frac{1}{4}$NE.$\frac{1}{4}$ of section thirty-one. Small stream in SW.$\frac{1}{4}$NW.$\frac{1}{4}$ and lots one and two in section thirty-one. Creek in the bottom of She Canyon flows through lots three and two, W.$\frac{1}{2}$ NW.$\frac{1}{4}$ and lot one of section thirty; lot four, W.$\frac{1}{2}$ SW.$\frac{1}{4}$, SW.$\frac{1}{4}$ NW.$\frac{1}{4}$ and lots one and two of section nineteen; lots one, two, three and four of section eighteen; lots one, two, three and four of section seven; and lots one, two, three and four of section six. Small stream in lot two, section thirty. Small stream flows in lot one, section nineteen, and lots three and four, section eighteen. Small stream flows in lots one and two, section eighteen. Small stream flows in lot three, section seven. Fish Creek flows in lots two and three, section six.

Very respectfully,

J. C. Clark

U. S. Surveyor.

Walter H. Good

U. S. Transitman.

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Page

BOOK A-454

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Glen W. Stout	1st. Assistant.
Ralph Chamberlin	1st. Assistant.
Stewart C. Campbell	2nd. " and flagman.
Paul Peterson	2nd. " and axman.
La Mar Hansen	Cornerman.
Max Ungerman	Cornerman.
K. D. Williams	Axman.
Ethen Torgerson	Axman.
James K. P. Miller	Flagman.
The above assistants were employed by us in the survey of	
T. 18 S.,	R. 21 E.

6—764

CERTIFICATE OF UNITED STATES SURVEYOR.

I, J. C. Clark and Walter H. Good, U. S. Transitman, 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 7th. day of February, 1921 we have well, faithfully, and t in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Inst tions, and the laws of the United States, surveyed all those parts or portions of the South, East and North Boundaries and the Subdivision, and the Retracement and t Resurvey of the West Boundary of T. 18 S., R. 21 E.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented and date diagram on page 1 of same and on the dates shown on sa the foregoing field notes as having been executed by us, and under our direction; and that all the corner said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instr 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.

Salt Lake Ci

J. C. Clark Feb. 4,
U. S. Survey

APPROVAL. Walter H. Good Reno, Nev
U. S. Transitman Feb. 20

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

August 15, 191

The foregoing field notes of the survey of the south, east and north boundaries a the subdivision, and the retracement and resurvey of the west bou of Tp. 18 S., R. 21 E S. L. B & M., Utah

executed by J.C. Clark, U.S.Surveyor and Walter H. Good, U.S.Transitman under his special instructions dated February 7, 1921, having be critically examined, and the necessary corrections and explanations made, the said field notes, and the surve they describe, are hereby approved.

E. A. Bowson
U. S. Surveyor Gener

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 18 S R. 21 E. have been correctly copied from the original notes on file in this office.

E. A. Bowson
U. S. Surveyor Genera

6—2764

4—679

BOOK A-454 B

U. S. Surveyor General's Office
APR 5 1922
SALT LAKE CITY, UTAH

FIELD NOTES

OF THE SURVEY OF THE

East Boundary and Subdivision, and Retracement and Resurvey of the West Boundary or Green River Guide Meridian, and Establishment of Quarter Section Corners on North Boundary of

T. 17 S., R. 21 E.

Of the Salt Lake Base and *Meridian,*

In the State of Utah.

EXECUTED BY

J. C. Clark

Walter H. Good

and U. S. Transitman

In the capacity of U. S. Surveyor, *under Special Instructions dated* February 7, 1921.

Issued by the United States Surveyor General to govern surveys included in Group No. 86, *which were approved by the Commissioner of the General Land Office,* March 25, 1921, *and Assignment Instructions dated* June 1, 1921.

Survey commenced August 30, 1921.

Survey completed November 4, 1921.

6—151

BOOK A-454

INDEX DIAGRAM.

Township 17 South, *Range* 21 East.

	129	128	127	127	126	125	
8	20 6 12 4 123	5 9 8 122	4 8 2 97	3 6 5 81	2 4 7 64	1 3 0 45	
7	17 7 12 0 118	8 9 6 117	9 8 0 94	10 6 2 79	11 4 3 61	12 2 8 42	
6	15 18 11 5 113	17 9 2 112	16 7 7 91	15 6 0 75	14 4 1 58	13 2 7 40	
6	13 19 11 0 108	20 8 9 106	21 7 4 88	22 5 6 72	23 3 8 54	24 2 5 37	
5	10 30 10 5 102	29 8 7 101	28 7 1 86	27 5 3 69	26 3 5 51	25 2 4 34	
5	8 31 9 9 	32 8 4 	33 6 7 	34 4 9 	35 3 2 	36 2 2 	

BOOK A-454

4—679 b

INDEX DIAGRAM.

Township 17 S, Range 2 E

	414	414	413	413	412	412
306	6 410	5 384	4 368	3 351	2 333	1 316
294	409	408	383	367	350	331
303	7 406	8 382	9 366	10 348	11 329	12 314
293	404	403	380	365	347	328
301	18 401	17 378	16 363	15 346	14 327	13 313
292	399	398	377	361	344	326
299	19 396	20 375	21 360	22 342	23 324	24 311
292	394	392	374	358	340	323
296	30 391	29 373	28 357	27 339	26 321	25 310
292	388	387	372	355	337	320
294	31 385	32 370	33 353	34 336	35 318	36 308
291						

6—4817

DATE DIAGRAM

OF

T. 17 S., R. 21 E.

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

Lines dated and colored in black were surveyed by J. C. Clark, U. S. Surveyor.

Lines dated and colored in red were surveyed by Walter H. Good, U. S. Transitman.

Survey commenced August 30, 1921, and executed jointly by J. C. Clark, U. S. Surveyor, and Walter H. Good, U. S. Transitman, with Young and Sons transits Nos. 8544 and 8513, respectively. The instruments are equipped with Smith solar attachments and full vertical circles; the horizontal limbs being provided with two double verniers placed opposite to each other and reading to

Township 17 South, Range 21 East.
Test of Instruments.

single minutes of arc, which is also the least count of the verniers of the latitude, declination and vertical circles.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for District No. 6 in Assignment Instructions dated June 1, 1921, conditional upon satisfactory field tests.

September 3, 1921, at camp, in sec. 27, T. 17 S., R. 21 E., in approximate latitude 39°18' N., approximate longitude 109°35' W., I examine the adjustments of transit No. 8544 and solar attachment, and correct the error in the latitude arc, and adjust the solar telescope for parallelism. Then, to test the solar apparatus by comparing its indications hourly with a true meridian established by a Polaris observation, I proceed as follows:

Sept. 3, 1921, at 8h 46.5m p. m., l. m. t., 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 on a stake driven firmly in the ground about five chains N. of my station.

Sept. 4, 1921, at 7 a. m., app. t., I lay off the azimuth of Polaris, 1° 26', to the west, and mark the meridian with a nail in a stake set firmly in the ground approximately five chains N. of my station.

At 9h 0m a. m., app. t., I set off 39°18' N., on the lat. arc; 7°14' N., on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 7° 11' N., which agrees with the computed declination of the sun.

At 3h 0m p. m., app. t., with the lat. arc unchanged, I

set off 7°9' N., on the decl. arc; and determine a meridian with the solar which falls less than 1' west of the line obtained by the Polaris observation.

As all of the tests during the hours suitable for solar work practically coincide with the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Sept. 4, 1921, at camp, in sec. 27, T. 17 S., R. 21 E., in approximate latitude 39°18' N., approximate longitude 109°35' W., I examine the adjustments of instrument No. 8513 and solar attachment, and find no errors. I then test the solar apparatus as follows by comparing its indications hourly with the Polaris meridian hereinbefore described:

At 9h 0m a. m., app. t., I set off 39°18' N., on the lat. arc; 7°14' N., on the decl. arc; and determine a meridian with the solar which falls about 1' east of the line established by observation on Polaris.

At app. noon, I set off 39°18' N., on the lat. arc, and observe the sun on the meridian; the resulting reading of the decl. arc is 7°11' N. which agrees with the computed declination of the sun.

At 3h 0m p. m., app. t., with the lat. arc unchanged, I set off 7°9' N., on the decl. arc; and determine a meridian with the solar which falls about 1½' west of the true meridian.

As all of the solar observations during the usual hours of solar work come within 1'30" of the Polaris meridian, I conclude that the instrument has kept in adjustment during the survey of Tps. 17 and 18 S., R. 21 E.

October 29, 1921, at camp, in sec. 18, T. 17 S., R. 21 E., in approximate latitude 39°20' N., approximate longitude 109°39' W., I examine the adjustments of transit No. 8544 and solar attachment, and find no errors. Then, to test the solar apparatus by comparing its indications hourly with a true meridian establish-

Township 17 South, Range 17 South

Tests of Instruments.

ed by observation on Polaris, I proceed as follows:

October 30, 1921, at 4h 57.5m a. m., l. m. t., I observe Polaris at western elongation, making four observation two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a nail in a stake driven firmly in the ground about five chains N. of my station.

At 7 a. m., app. t., I lay off the azimuth of Polaris, 1° 26', to the east, and note that the meridian strike the edge of the trunk of a tree about one half mile dist.

At 9h 0m a. m., app. t., I set off 39°20' N., on the lat. arc; 13°44' S., on the decl. arc; and note that the meridian determined with the solar agrees within 1' of the line established by the Polaris observation.

At app. noon, I set off 13°47' S., on the decl. arc, and observe the sun on the meridian; the resulting reading of the latitude arc is 39°20.5' N., which agrees within ½' of the calculated latitude.

At 3h 0m p. m., app. t., with the lat. arc unchanged, I set off 13°49' S., on the decl. arc; and find that the line determined with the solar practically coincides with the Polaris meridian.

All of the solar observations made during the hours suitable for solar work practically coincide with the true meridian; therefore, I conclude that the instrument has remained in adjustment throughout the survey of T. 17 S., R. 21 E.

Meridians were also established by observations on Polaris Sept. 13, Oct. 9, and Oct. 12, at the cor. of secs. 11, 12, 13 and 14, at camp in sec. 17, and at the cor. of Tps. 17 and 18 S., Rs. 20 and 21 E., respectively; determinations for latitude and declination were taken whenever practicable, and from repeated tests of the solar attachments on the Polaris meridians, the instrument was known to be in adjustment during the survey of this township.

Retracement of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

Chains.

All measurements were taken with five chain Lallie steel tapes which were compared frequently with a Lufkin standard one chain steel tape kept for this purpose only; and the distances measured on the slopes were reduced to the horizontal by using Dietzgen and Keuffel-Esser clinometers.

Retracement of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

From the cor. of Tps. 17 and 18 S., Rs. 20 and 21 E., heretofore described,

North on a retracement line bet. secs. 31 and 36, along the W. bdy. of T. 17 S., R. 21 E.

39.76 Fall 2 lks. W. of the ¼ sec. cor., hereinafter described.

Continue on same line.

80.00 Unable to find any trace of the cor. of secs. 25, 30, 31 and 36, after diligent search.

Set temp. sec. cor.

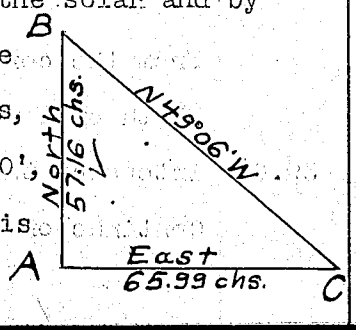
The bearing of the S. half mile is N.0°02'E., and the distance is 39.76 chs.

From the temp. cor. of secs. 25, 30, 31 and 36,

North on a retracement line bet. secs. 25 and 30.

Chaining is impracticable on the S. half mile, due to the line crossing the rough and abrupt sides of a ravine, which is heavily timbered and brushy; therefore I make the following triangulation:

I designate a point 8 lks. N. of the temp. sec. cor., as point "A"; then on retracement line, set a flag "B", which from an auxiliary flag "C" bears N.49°06'W.; the base "AC" bears E. 65.99 chs. dist. All bearings are checked by direct reading of the solar and by separate measurement of each angle by deflection by three repetitions, they are found respectively, 90°00', 40°54' and 49°06'; and their sum is



Retracement of the West Boundary of T. 17 S., R. 21 E.

Chains.

equal to 180°00'. Green River Guide Meridian.

Dist. by triangulation.....= 57.16 chs.
Dist. south by return measurement = 18.88 chs.
38.88 chs. plus .08 chs. equals 38.88 "

38.88 Fall 132 lks. W. of the ½ sec. cor., hereinafter described.

Therefore the bearing of the line bet. the ½ cor. of secs. 31 and 36, and the ½ cor. of secs. 25 and 30 is N.0°57'E., and by proportionate measurement the length of each half mile is 39.605 chs.

The length of the base line used in this triangulation was determined by using a portion of the retracement line bet. secs. 31 and 36, as a base line, as hereinafter described in the survey of the line bet. secs. 30 and 31.

North on retracement line from the ½ cor. of secs. 25 and 30.

77.87 Fall 2 lks. W. of the cor. of secs. 19, 24, 25 and 30, hereinafter described.

The bearing of the N. half mile bet. secs. 25 and 30 is N.0°02'E., and the distance is 38.91 chs.

From the cor. of secs. 19, 24, 25 and 30,

North on a retracement line bet. secs. 19 and 24.

38.83 Fall 24 lks. E. of the ½ sec. cor., hereinafter described.

Continue on same line.

78.32 Fall 17 lks. E. of the cor. of secs. 13, 18, 19 and 24, hereinafter described.

The bearing of the S. half mile is N.0°21'W., and the distance is 38.83 chs.; and the bearing of the N. half mile is N.0°06'E., and the distance is 39.49 chs.

From the cor. of secs. 13, 18, 19 and 24,

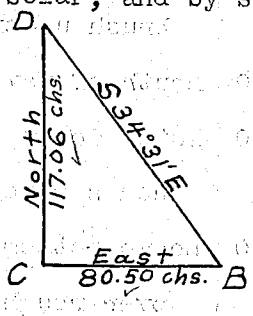
North on a retracement line bet. secs. 13 and 18.

39.04 Intersect the ½ sec. cor., hereinafter described.

Continue on same line.

Retracement of the West Boundary of T. 17 S., R. 21 E.

Chains.	
	Green River Guide Meridian.
78.01	Fall 23 lks. E. of the cor. of secs. 7, 12, 13 and 18, hereinafter described.
	The bearing of the S. half mile is north, and the distance is 39.04 chs.; and the bearing of the N. half mile is N.0°20'W., and the distance is 38.97 chs.
	From the cor. of secs. 7, 12, 13 and 18, North on a retracement line bet. secs. 7 and 12. As this line passes over series of impassable ledges on the abrupt N. side of East Willow Creek Canyon, making chaining impracticable, I triangulate as follows: Set a flag "A" on line on the N. rim of canyon; but as a flag "B" previously set during the survey of the line bet. secs. 18 and 19, and at 79.33 chs. E. of the cor. of secs. 18 and 19, on W. bdy., can not be seen from flag "A", I establish a flag "C" 1.17 chs. W. of this sec. cor., and N. from point "C" set a flag "D" on N. rim of canyon. From flag "D", flag "B" bears S.34°31'E.; the base "BC" bears E. 80.50 chs. dist. All bearings are checked by direct reading of the solar, and by separate reading of each angle by deflection by three repetitions with an error of 1', balanced to 180°, they are found respectively 90°00', 55°29' and 34°31'.



Dist. by triangulation..... = 117.06 chs.
Dist. by return measurement.... = 2.86 "
114.20 " ., or at

40.00	Offset E. 1.17 chs., but unable to find ¼ sec. cor. after diligent search; set temp. ¼ sec. cor.
	Continue N. on retracement line from temp. cor.
79.54	Fall 14 lks. E. of the cor. of secs. 1, 6, 7 and 12, hereinafter described.
	The bearing of this line is N.0°06'W., and by proportionate measurement the length of each half mile is 39.77 chs.

Resurvey of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	From the cor. of secs. 1, 6, 7 and 12,
	North on a retracement line bet. secs. 1 and 6.
39.22	Fall 25 lks. E. of the ¼ sec. cor., hereinafter described.
	Continue on same line.
79.61	Fall 11 lks. E. of the cor. of Tps. 16 and 17 S., Rs. 20 and 21 E., hereinafter described.

The bearing of the S. half mile is N.0°22'W., and the distance is 39.22 chs.; and the bearing of the N. half mile is N.0°12'E., and the distance is 40.39 chs.

Resurvey of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

	From the cor. of Tps. 17 and 18 S., Rs. 20 and 21 E., in lat. 39°17' N., and longitude 109°40' W., heretofore described,
	N.0°02'E. on a resurvey line bet. secs. 31 and 36, along the W. bdy. of T. 17 S., R. 21 E.
	Over level bottom of She Canyon, through scattering aspen, spruce and yellow pine timber, and dense sagebrush undergrowth.
3.00	Mouth of ravine, course S.70°E.
4.00	Enter dense oak brush, bears NW. and SE.; sagebrush becomes more scattering.
4.20	Leave bottom of canyon; begin abrupt ascent of 50 ft. over rough SW. slope.
5.50	Spur, projects SE. about 6.00 chs. dist.; desc. 25 ft.
6.20	Enter scattering mahogany and balsam timber, bears NW. and SE.
18.00	Draw, course E.; asc. 200 ft.
25.00	Spur, projects E. approximately 6.00 chs. dist.; desc. 240 ft.
31.10	Ravine, course E.; asc. abruptly 305 ft.
38.00	Top of abrupt ascent, bears E. and W.; asc. gradually 30 ft. along SW. slope to
39.76	The ¼ sec. cor., which is a sandstone, 12x12x8 ins.

Resurvey of the West Boundary of T. 17 S., R. 21 E.

Green River Guide Meridian.

Chains.	
	above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to sec. 36, only, I destroy the markings on the bearing tree in sec. 31, and witness the cor. as follows:
	A cedar, 5 ins. diam., bears S.40°W., 134 lks. dist., marked ¼ S 36 B T.
	The original bearing tree which is a pinon pine, 16 ins. diam., bears N.29°45'W., 104 lks. dist., marked ¼ S 36 B T.
	N.0°57'E.
40.00	Northing from the cor. of Tps. 17 and 18 S., Rs. 20 and 21 E., set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ cor. of sec. 31, only, with brass cap mkd.:
	¼ S 3 1 / 1921
	from which,
	A cedar, 10 ins. diam., bears N.15°30'E., 131 lks. dist., marked ¼ S 31 B T.
	As there are no other trees suitable for marking within limits, I deposit a stone marked with a cross (X) at the base of the monument.
	Continue ascent of 105 ft. along SW. slope.
41.00	Flag "B" of the triangulation in determining the length of the line bet. secs. 30 and 31, bears W. 2 lks. dist.
41.10	Enter scattering cedar and pinon pine timber, bears NW. and SE
46.20	Spur, projects SE. approximately 15.00 chs. dist.; desc. 175 ft.
53.00	Ravine, course SE.; asc. 280 ft.
58.30	Perpendicular ledge, 30 ft. high, bears E. and W.
63.80	Spur, projects E. about 15.00 chs. dist.; desc. 35 ft.
67.40	Draw, course E.; asc. 200 ft.
76.00	Spur, projects E. approximately 20.00 chs. dist.; desc.

Resurvey of the West Boundary of T. 17 S., R. 21 E.

Chains.

25 ft. to Green River Guide Meridian.

79.18½ On top of a ledge, 25 ft. high, bearing N. and S., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in a crevice and surrounded by a mound of stone for witness cor. of secs. 25 and 36, only, with brass cap mkd:

WC
T17S | T17S
S25. | R21E
S36 | S31
R20E | 1921

from which,

A balsam, 5 ins. diam., bears S.14°W., 57 lks. dist., marked W C T 17 S R 20 E S 36 B T.

A balsam, 12 ins. diam., bears N.40°30'W., 23 lks. dist., marked W C T 17 S R 20 E S 36 B T.

79.36½ Proportionate measurement; true point for cor. of secs. 25 and 36 falls on the ledge where it is impossible to set the post, but mark a cross at the exact cor. point.

Land; level bottom of She Canyon, S. 4.20 chs.; abrupt and rough W. side of She Canyon, N. 75.16 chs.

Soil; dark loam several ft. deep, in the bottom of canyon; shallow dark sandy loam on the side of She Canyon.

Timber; aspen, spruce, yellow pine, balsam, mahogany, cedar and pinon pine.

Undergrowth; sagebrush and oak brush.

Drainage E. to She Canyon.

Formation; outcroppings of light and red sandstone.

Fair growth of grass.

S

From the true point for cor. of secs. 25 and 36, N.0°57'E. on a resurvey line along the E. bdy. of sec. 25.

Along the level top of the ledge to

0.64 Northing of 80.00 chs. from the cor. of Tps. 17 and 18 S., Rs. 20 and 21 E., set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock and surrounded by a mound of stone for cor. of secs. 30 and 31, only, with brass cap mkd:

Resurvey of the West Boundary of T. 17 S., R. 21 E.

Chains.	Green River Guide Meridian.
	T17S | T17S ✓. R20E | S30 S25 | S31 R21E 1921
	from which,
	A balsam, 5 ins. diam., bears S.20°45'E., 62 lks. dist., marked T 17 S R 21 E S 31 B T.
	As all trees in sec. 30, within a reasonable distance are not suitable for marking, I deposit a stone marked with a cross (X), in the hole beside the iron post.
	This cor. is located at the N. edge of ledge.
	Desc. gradually 5 ft. along N. slope, through dense undergrowth of oak and buck brush.
0.72	Triangulation point "A".
1.10	Enter dense aspen undergrowth, bears E. and W.
1.30	Enter scattering aspen, spruce, balsam and yellow pine timber, bears E. and W., at the top of abrupt descent, bearing E. and W.
15.90	Approximately. Ravine, 630 ft. below top of abrupt descent, course N.70°E.; enter heavy timber, bears N.70°E. and S.70°W.; asc. 350 ft.
17.00	Approximately. Enter heavy cedar, pinon pine and mahogany timber, bears N.70°E. and S.70°W.; leave heavy aspen timber and undergrowth, and enter scattering.
33.00	Approximately. Spur, projects E. about 10.00 chs. dist.; cattle corral, constructed of poles, in the bottom of She Canyon, bears E. about 12.00 chs. dist.; desc. 80 ft. to
39.605	The ¼ sec. cor., which is a sandstone, 18x12x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. This cor. now refers to sec. 25, only; therefore I destroy the markings on the bearing tree in sec. 30, and witness the cor. as follows:
	A balsam, 5 ins. diam., bears S.78°30'W., 27½ lks. dist., marked ¼ S 25 B T.
	The original bearing tree, a balsam, 16 ins. diam., bears N.68°W., 31 lks. dist., marked ¼

Resurvey of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	S 25 B T.
40.65	Northing of 40.00 chs. from the cor. of secs. 30 and 31, and 15 ft. below the ¼ cor. of sec. 25, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 30, only, with brass cap mkd:
	¼ S 30
	1921
	from which,
	A balsam, 14 ins. diam., bears N.47°30'E., 7 lks. dist., marked ¼ S 30 B T.
	A balsam, 6 ins. diam., bears S.45°15'E., 7 lks. dist., marked ¼ S 30 B T.
	N.0°02'E.
48.80	Ravine, 10 ft. below ¼ cor. of sec. 30, course S.70°E.; asc. 450 ft.
57.88	Triangulation point "B".
65.20	Spur, projects S.70°E. approximately 30.00 chs. dist.; desc. 205 ft.
70.60	Draw, course S.70°E.; asc. 60 ft. to
78.515	The sec. cor., which is a sandstone, 12x12x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to secs. 24 and 25, only, in R. 20 E., I destroy the markings on the bearing trees in R. 21 E., and leave the cor. witnessed by the original bearing trees in R. 20 E. as follows:
	A balsam, 22 ins. diam., bears S.68°15'W., 36 lks. dist., marked T 17 S R 20 E S 25 B T.
	A cedar, 8 ins. diam., bears N.12°30'W., 46 lks. dist., marked T 17 S R 20 E S 24 B T.
	Land; line runs along the abrupt W. side of She Canyon, over outcroppings of shale, and light and red sandstone formation; general drainage E. to She Canyon.
	Soil; dark sandy loam from a few ins. to about 3 ft. deep, lying on bedrock.
	Timber; aspen, spruce, yellow pine, balsam, cedar, pinon

pine and mahogany.

Undergrowth; young aspen, oak and buck brush.

Fair growth of grass.

N.0°21'W. on a resurvey line along the E. bdy. of sec. 24.

Asc. S. slope 10 ft., through heavy spruce, balsam, cedar, pinon pine and mahogany timber, and dense undergrowth of oak and buck brush.

2.13 Northing of 80.00 chs. from the cor. of secs. 30 and 31, on top of spur, projecting southeasterly about 10.00 chs. dist., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 19 and 30, only, with brass cap mkd:

T17S R20E S24	T17S S19 S30 R21E

1921

from which,

A pinon pine, 12 ins. diam., bears N.22°30'E., 30 lks. dist., marked T 17 S R 21 E S 19 B T.

A balsam, 28 ins. diam., bears S.85°15'E., 15 lks. dist., marked T 17 S R 21 E S 30 B T.

3.20 Ravine, 25 ft. below cor. of secs. 19 and 30, course E.; asc. 195 ft.

9.30 Spur, projects SE. approximately 8.00 chs. dist.; desc. 30 ft.

13.20 Head of ravine, course SE.; asc. abruptly 250 ft. over rough SE. slope.

17.20 Leave timber, bears NE. and SW., at the top of abrupt ascent, bearing NE. and SW.; asc. gradually 20 ft.

18.00 Enter dense mahogany and sagebrush undergrowth, bears NE. and SW.

27.10 Ridge, bears N.15°E. and S.15°W.; desc. 120 ft. to

38.83 The ½ sec. cor., which is a sandstone, 10x6x4 ins. above ground, firmly set, marked and witnessed on the W. by a mound of stone, as described by the Surveyor General. This cor. now refers to sec. 24, only.

Resurvey of the West Boundary of T. 17 S., R. 21 E.

Chains.	N.0°06'E. Green River Guide Meridian.
42.13	Northing of 40.00 chs. from the cor. of secs. 19 and 30, and 20 ft. below ¼ cor. of sec. 24, set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock and surrounded by a mound of stone for ¼ cor. of sec. 19, only, with brass cap mkd:
	¼ S 19 / 1921
	As there are no trees available suitable for marking, I deposit a stone marked with a cross (X), in the hole beside the iron post.
42.50	Leave undergrowth of sagebrush and mahogany, bears NE. and SW.; oak and buck brush become more scattering.
43.40	Enter a medium growth of spruce, balsam and mahogany timber, bears NE. and SW., at the top of abrupt descent, bearing N.15°E. and S.15°W., 10 ft. below ¼ cor. of sec. 19.
65.10	Draw, course W.; enter a medium growth of pinon pine and cedar timber, bears E. and W.; asc. 115 ft. to
78.32	The sec. cor., which is a sandstone, 18x6x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. This cor. now refers to secs. 13 and 24 in R. 20 E.; therefore I destroy the markings on the bearing trees pertaining to secs. 18 and 19, in R. 21 E., and witness the cor. with the original trees as follows:
	A cedar, 8 ins. diam., bears S.38°30'W., 20 lks. dist., marked T 17 S R 20 E S 24 B T.
	A pinon pine, 18 ins. diam., bears N.72°45'W., 15 lks. dist., marked T 17 S R 20 E S 13 B T.
	This cor. stands on top of spur, projecting S.70°W. approximately 30.00 chs. dist.
	Land; abrupt SE. slope of She Canyon, S. 27.10 chs.; abrupt NW. slope, N. 51.22 chs.; outcroppings of shale, light and red sandstone formation; drainage SE., S. 27.10 chs.; N. 51.22 chs. drains W.

Resurvey of the West Boundary of T. 17 S., R. 21 E.

Green River Guide Meridian.

Chains.

Soil; dark sandy loam, varying in depth from a few ins. to about 3 ft. deep, lying on a brown clay subsoil or on bedrock.

Timber; spruce, balsam, cedar, pinon pine and mahogany.

Undergrowth; oak and buck brush, sagebrush and young mahogany.

Fair growth of grass and browse.

North on a resurvey line along the E. bdy. of sec. 13.

Desc. abruptly 395 ft., over NW. slope, through a medium growth of cedar, pinon pine, spruce, balsam and mahogany timber, and scattering undergrowth of oak and buck brush.

3.81 Northing of 80.00 chs. from the cor. of secs. 19 and 30, and 105 ft. below the cor. of secs. 13 and 24, set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to solid rock and surrounded by a mound of stone for the cor. of secs. 18 and 19, only, with brass cap mkd:

T17S	T17S
R20E	S18
S13	S19
	R21E

1921

from which,

A mahogany, 4 ins. diam., bears N.77°E., 73 lks. dist., marked T 17 S R 21 E S 18 B T.

A balsam, 10 ins. diam., bears S.3°15'E., 86 lks. dist., marked T 17 S R 21 E S 19 B T.

Triangulation flag "C" used in determining the distance of the retracement line bet. secs. 7 and 12, bears W. 1.17 chs. dist. from this cor.

9.10 Timber becomes more scattering, bearing NE. and SW.; enter a sparse growth of aspen timber, bears NE. and SW.

14.60 Draw, course W.; asc. gradually 10 ft.

26.10 Spur, projects W. approximately 15.00 chs. dist.; enter a medium growth of timber, bears E. and W.; desc. 160 ft.

Resurvey of the West Boundary of T. 17 S., R. 21 E.,
Green River Guide Meridian.

Chains.	
30.30	Draw, course N.70°W.; asc. 15 ft.
37.20	Spur, projects W. approximately 10.00 chs. dist.; desc. 40 ft. to
39.04	The ½ sec. cor., which is a sandstone, 18x12x4 ins., loosely set 8 ins. in the ground, marked and witnessed as described by the Surveyor General. At the same point I set the stone 12 ins. in the ground, and witness the cor. as follows: A balsam, 3 ins. diam., bears S.74°15'W., 36 lks. dist., marked B. T. An aspen, 5 ins. diam., bears N.8°45'W., 88 lks. dist., marked ½ S 13 B T. As this cor. now refers to sec. 13, only, I destroy the markings on the bearing tree in sec. 18.
43.81	N.0°20'W. Northing of 40.00 chs. from the cor. of secs. 18 and 19, and 185 ft. below ½ cor. of sec. 13, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ½ cor. of sec. 18, only, with brass cap mkd: ½ S 18 1921 from which, A balsam, 7 ins. diam., bears N.26°15'E., 34½ lks. dist., marked ½ S 18 B T. A balsam, 5 ins. diam., bears S.11°E., 50½ lks. dist., marked ½ S 18 B T.
43.90	Draw, 5 ft. below ½ cor. of sec. 18, course W.; asc. 45 ft.
45.90	Perpendicular ledge, 25 ft. high, bears NW. and SW.
47.50	Spur, projects W. approximately 10.00 chs. dist.; desc. 170 ft.
57.20	Draw, course W.; asc. 20 ft.
60.50	Spur, projects W. about 8.00 chs. dist.; desc. 395 ft.
75.00	Leave timber, bears NE. and SW.
75.20	Leave undergrowth, bears NE. and SW., at the base of descent, bearing NE. and SW.; over level bottom of canyon, through dense sagebrush.

Resurvey of the West Boundary of T. 17 S., R. 21 E.

Green River Guide Meridian.

Chains.	
76.10	Dry wash, 30 lks. wide, 4 ft. deep, at the mouth of canyon, course NE.
78.01	The sec. cor., which is a sandstone, 12x10x6 ins. above ground, firmly set, correctly marked, and witnessed on the W. by a mound of stone, as described by the Surveyor General. This cor. now refers to secs. 12 and 13, in R. 20 E.
	Land; line runs along the abrupt and rough E. side of a canyon, S. 75.20 chs.; level bottom of canyon, N. 2.81 chs.; outcroppings of shale, light and red sandstone formation; drainage W.
	Soil; dark sandy loam, shallow on the tops of spurs, and about 1 to 3 ft. deep on the sides of draws and ravines, lying on bedrock; dark sandy loam several ft. deep in the bottom of canyon, N. 2.81 chs.
	Timber; cedar, pinon pine, spruce, balsam, mahogany and aspen.
	Undergrowth; oak and buck brush, and sagebrush.
	Fair growth of grass and browse.

	N.0°06'W. on a resurvey line along the E. bdy. of sec. 12.
	Over level bottom of canyon, through dense sagebrush.
5.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for witness cor. of secs. 7 and 18, only, with brass cap mkd: WC T17S | T17S R20E | S7 S18 S12 | R21E 1921 and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
5.60	S. edge of wash, 15 ft. deep, bears E. and W. about 70 lks. dist., thence N., in the bottom of East Willow Creek Canyon, draining westerly; stream of muddy water, 10 lks. wide, 8 ins. deep, in the bottom of wash.
5.80	Northing of 80.00 chs. from the cor. of secs. 18 and 19,

Resurvey of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	true point for cor. of secs. 7 and 18 falls in the wash.
8.00	Approximately. N. edge of the wash, bears E. and W.
9.80	Approximately. Leave sagebrush, bears N.60°E. and S.60°W. at the base of perpendicular ledge, 50 ft. high, bearing N.60°E. and S.60°W.; leave bottom of canyon; begin abrupt ascent of 85 ft. over rough SE. slope.
10.00	Approximately. Enter scattering undergrowth of oak and buck brush, bears NE. and SW.
11.30	Approximately. Spur, projects SW. about 1.50 chs. dist.; enter a medium growth of cedar, pinon pine, mahogany, spruce and balsam timber, bears NE. and SW.; desc. 70 ft. over outcroppings.
16.80	Approximately. Ravine, course SW.; enter scattering undergrowth of mahogany, bears NE. and SW.; asc. abrupt SE. slope 790 ft., over series of ledges, 15 to 50 ft. high, bearing NE. and SW., to
39.77	Proportionate measurement. Set a sandstone, 18x7x4 ins., 8 ins. in the ground and surrounded by a mound of stone, for ¼ cor. of sec. 12, only, and marked ¼ on W. face; from which,
	A cedar limb, 8 ins. diam., bears S.63°W., 85 lks. dist., marked ¼ S 12 B T.
	A balsam, 18 ins. diam., bears N.72°W., 45 lks. dist., marked ¼ S 12 B T.
	No iron post available.
	Continue abrupt ascent of 150 ft. over rough SE. slope.
39.90	Perpendicular ledge, 20 ft. high, bears E. and W.
40.00	Point of offset or temp. ½ sec. cor., bears E. 29 lks. dist.
42.86	Triangulation flag "D" bears W. 87 lks. dist.; spur, projects S.70°W.; desc. 15 ft. to ¼ cor. of sec. 7.
43.00	Enter heavy timber, bears N.70°E. and S.70°W.
45.80	Northing of 40.00 chs. from the cor. of secs. 7 and 18, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 7, only, with brass

Resurvey of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	cap mkd: ½ S 7 / 1921
	from which,
	A balsam, 12 ins. diam., bears N.41°45'E., 19 lks. dist., marked ½ S 7 B T.
	A balsam, 14 ins. diam., bears S.25°E., 32 lks. dist., marked ½ S 7 B T.
46.10	Draw, 5 ft. below ¼ cor. of sec. 7, course SW.; asc. 290 ft.
60.30	Enter a medium growth of timber, bears NE. and SW.
66.10	Spur, projects SW.; desc. abruptly 545 ft. to
79.54	The sec. cor., which is a sandstone, 18x14x6 ins. above ground, loosely set 6 ins. in the ground, correctly marked, and witnessed as described by the Surveyor General. I reset the stone at the same point 8 ins. in the ground and in a mound of stone for cor. of secs. 1 and 12, only, and destroy the markings on the bearing trees pertaining to secs. in R. 21 E. The bearing tree in sec. 12 being dead, but plainly marked, I witness the cor. as follows:
	A balsam, 6 ins. diam., bears S.71°15'W., 30 lks. dist., marked T 17 S R 20 E S 12 B T.
	The original bearing tree:
	A balsam, 14 ins. diam., bears N.44°30'W., 26 lks. dist., marked T 17 S R 20 E S 1 B T.
	Land; level bottom of East Willow Creek Canyon, S. 9.80 chs.; line runs along the abrupt side of East and Main Willow Creek Canyons, N. 69.74 chs.; outcroppings of shale, light and red sandstone formation; general drainage W. to East Willow Creek, and Willow Creek.
	Soil; dark sandy loam, varying in depth from a few ins. to about 3 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; cedar, pinon pine, spruce, balsam and mahogany.
	Undergrowth; sagebrush, young mahogany, oak and buck brush.

Resurvey of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

Chains.	
	Fair growth of grass, N. 36.70 chs.
	N.0°22'W. on a resurvey line along the E. bdy. of sec. 1. Desc. 200 ft. over NW. slope, through a medium growth of cedar, pinon pine, balsam, spruce and mahogany timber, and dense undergrowth of oak and buck brush.
3.80	Ravine, course W.; asc. 40 ft. to
6.26	Northing of 80.00 chs. from the cor. of secs. 7 and 18, set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 6 and 7, only, with brass cap mkd:

T17S | T17S
R20E | S6
S1 | S7
1921 | R21E

from which,

A mahogany, 5 ins. diam., bears N.57°E., 75 lks. dist., marked T 17 S R 21 E S 6 B T.

A cedar, 6 ins. diam., bears S.41°30'E., 41 lks. dist., marked T 17 S R 21 E S 7 B T.

9.70	Spur, 40 ft. above cor. of secs. 6 and 7, projects W. approximately 20.00 chs. dist.; desc. 275 ft.
21.40	Ravine, course W.; asc. 90 ft.
31.70	Spur, projects W. about 10.00 chs. dist.; desc. 305 ft.
38.50	Ravine, course W.; asc. 15 ft. to
39.22	The ½ sec. cor., which is a sandstone, 10x8x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. As this cor. now refers to sec. 1, only, I destroy the markings on the bearing tree in sec. 6, and witness the cor. as follows:

A cedar, 8 ins. diam., bears S.26°15'W., 40 lks. dist., marked ½ S 1 B T.

A balsam, 30 ins. diam., bears N.72°W., 26 lks. dist., marked ½ S 1 B T.

Thence,

N.612'E.

Resurvey of the West Boundary of T. 17 S., R. 21 E.
Green River Guide Meridian.

Chains.	
40.80	Perpendicular ledge, 150 ft. high, bears E. and W.
46.00	Spur, 170 ft. above ¼ cor. of sec. 1, projects W. about 4.00 chs. dist.; desc. gradually 5 ft. to
46.26	Northing of 40.00 chs. from the cor. of secs. 6 and 7, set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ cor. of sec. 6, only, with brass cap mkd:
	¼ S 6 1921
	from which,
	A balsam, 16 ins. diam., bears N.32°15'E., 49 lks. dist., marked ¼ S 6 B T.
	A balsam, 12 ins. diam., bears S.7°30'E., 39 lks. dist., marked ¼ S 6 B T.
	Begin abrupt descent of 240 ft. over rugged NW. slope, from this cor.
47.00	Leave medium growth of timber and enter scattering, bears NE. and SW.
61.10	Leave timber, bears NE. and SW., at the base of abrupt descent, bearing NE. and SW.; over nearly level bottom of East Willow Creek Canyon to Tp. cor.
61.50	Leave dense undergrowth of oak and buck brush, bears NE. and SW., and enter scattering sagebrush and oak brush.
63.30	Leave sagebrush and oak brush, and enter dense undergrowth of willows and birch, bears E. and W.
65.80	Leave undergrowth of willows and birch, bears E. and W., and enter dense sagebrush.
79.10	Leave sagebrush and enter dense willow undergrowth, bears E. and W.
79.61	The cor. of Tps. 16 and 17 S., Rs. 20 and 21 E., which is a sandstone, 12x12x10 ins. above ground, firmly set in earth and mound of stone, marked with 6 notches on each edge, 16 S on NE., 21 E. on SE., 17 S on SW. and 20 E on NW. faces, and witnessed on the S. by a mound of stone, 5 ft. base, 3 ft. high.

East Boundary of T. 17 S., R. 21 E.

Chains.

Land; steep and rough E. side of Willow Creek Canyon, S. 61.10 chs.; nearly level bottom of Willow Creek Canyon, N. 18.51 chs.; outcroppings of shale, and ledges of light and red sandstone, S. 61.10 chs.; drainage W. to Willow Creek, S. 61.10 chs.

Soil; dark sandy loam from a few ins. to 3 ft. deep, lying on bedrock, S. 61.10 chs.; dark loam several ft. deep in the bottom of Willow Creek Canyon.

Timber; cedar, pinon pine, spruce, balsam and mahogany.

Undergrowth; oak and buck brush, sagebrush, willows and birch.

Scattering growth of grass on rough portions, good grazing on the bottom land.

East Boundary of T. 17 S., R. 21 E.

From the cor. of Tps. 17 and 18 S., Rs. 21 and 22 E., heretofore described,

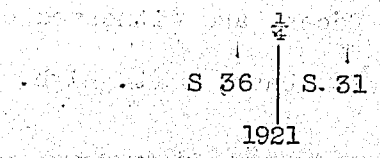
North on a true line bet. secs. 31 and 36, along the E. bdy. of T. 17 S., R. 21 E.

Asc. abrupt S. slope 215 ft., over outcroppings, through a medium growth of cedar, pinon pine and spruce timber, and scattering undergrowth of oak and buck brush, and young mahogany.

6.50 Spur, projects E.; leave outcroppings; desc. abruptly 1180 ft.

35.50 Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of a fork of Diamond Canyon, course E.; heavy aspen and cottonwood timber, and dense chokecherry bushes along creek; asc. abruptly 190 ft. over outcroppings to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:



East Boundary of T. 17 S., R. 21 E.

Chains.	
	from which,
	A cedar, 10 ins. diam., bears east, 17 lks. dist., marked ¼ S 31 B T.
	A pinon pine, 12 ins. diam., bears N.56°30'W., 36 lks. dist., marked ¼ S 36 B T.
	Continue abrupt ascent of 930 ft. over rough SE. slope.
44.90	Perpendicular ledge, 30 ft. high, bears NE. and W.
59.80	Enter heavy mahogany timber, bears NE. and SW.
69.60	Spur, projects S.20°W. approximately 30.00 chs. dist.; asc. gradually 45 ft. across the head of draw to sec. cor.
74.30	Timber becomes scattering, bearing NE. and SW.; enter dense oak brush and sagebrush undergrowth, bears NE. and SW.
80.00	On a gradual NW. slope, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 25, 30, 31 and 36, with brass cap mkd:

T17S

R21E	R22E
S25	S30
S36	S31

1921

from which,

A spruce, 4 ins. diam., bears N.74°15'E., 21 lks. dist., marked T 17 S R 22 E S 30 B T.

A pinon pine, 6 ins. diam., bears S.15°30'E., 102 lks. dist., marked T 17 S R 22 E S 31 B T.

A mahogany, 4 ins. diam., bears S.22°30'W., 94 lks. dist., marked T 17 S R 21 E S 36 B T.

A spruce, 5 ins. diam., bears N.8°W., 77 lks. dist., marked T 17 S R 21 E S 25 B T.

Land; steep and rough slopes of forks of Diamond Canyon; outcroppings of light colored sandstone; general drainage E.; N. and S. exposure, S. 69.60 chs.; western exposure, N. 10.40 chs.

Soil; dark sandy loam, shallow on the tops of spurs, and about 1 to 4 ft. deep on the sides and bottoms of draws and canyon, lying on bedrock.

East Boundary of T. 17 S., R. 21 E.

Chains.	
	Timber; cedar, pinon pine, spruce, mahogany, aspen and cottonwood.
	Undergrowth; oak and buck brush, young mahogany, sagebrush and chokecherry bushes.
	Fair growth of grass and browse.
	North bet. secs. 25 and 30.
	Asc. 410 ft. to ¼ sec. cor., across the head of draw, draining southwesterly, through scattering spruce and mahogany timber, and dense sagebrush, oak and buck brush undergrowth.
40.00	On top of spur, projecting S.15°E., set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 25 | S 30 1921
	from which,
	A yellow pine, 5 ins. diam., bears N.63°30'E., 20 lks. dist., marked ¼ S 30 B T.
	As there are no other trees available suitable for marking, in sec. 25, I deposit a stone marked with a cross (X) in the hole beside the iron post.
	Asc. gradually 10 ft. across the head of draw, draining E.
40.30	Leave timber, bears NW. and SE.
45.00	Ridge, bears NE. and SW.; enter dense undergrowth of deer browse and service berry bushes, bears NE. and SW.; desc. 275 ft. to sec. cor.
78.00	Enter scattering spruce and aspen timber, bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 19, 24, 25 and 30, with brass cap mkd:

East Boundary of T. 17 S., R. 21 E.

Chains.

T17S

R21E	R22E
S24	S19
S25	S30

1921

from which,

A yellow pine, 7 ins. diam., bears N.55°30'E., 24 lks. dist., marked T 17 S R 22 E S 19 B T.

A spruce, 20 ins. diam., bears S.52°15'E., 56 lks. dist., marked T 17 S R 22 E S 30 B T.

A spruce, 5 ins. diam., bears S.34°W., 42 lks. dist., marked T 17 S R 21 E S 25 B T.

An aspen, 4 ins. diam., bears N.83°30'W., 112 lks. dist., marked T 17 S R 21 E S 24 B T.

Land; mountainous with outcroppings of light colored sandstone formation; drainage generally to the SE., S. 45.00 chs.; N. 35.00 chs. drains NE.; western exposure, S. ½ mile; N. 35.00 chs. exposed to the NW., and the remainder of mile exposed to the E.

Soil; dark sandy loam, 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock.

Timber; spruce, aspen, yellow pine and mahogany.

Undergrowth; sagebrush, oak and buck brush, deer browse and service berry bushes.

Good grazing.

North bet. secs. 19 and 24.

Desc. 150 ft. over NW. slope, through scattering spruce, aspen and yellow pine timber, and dense undergrowth of sagebrush, oak and buck brush, deer browse and service berry bushes.

3.00 Leave undergrowth and enter heavy aspen timber, bears NE. and SW.

7.20 Draw, course NE.; leave timber and enter dense undergrowth, bears NE. and SW.; asc. 115 ft.

8.40 Old circular corral, constructed of poles, bears E. about 3.00 chs. dist.

19.50 Spur, projects E. about 5.00 chs. dist.; desc. 215 ft.

East Boundary of T. 17 S., R. 21 E.

Chains.	
26.00	Enter heavy aspen and spruce timber, bears E. and W.
26.20	Leave undergrowth, bears E. and W.
31.00	Draw, course E.; leave timber and enter dense undergrowth, bears E. and W.; asc. 150 ft. to ¼ sec. cor.
31.50	Enter scattering cedar, pinon and yellow pine timber, bears E. and W.
40.00	On a SE. slope, set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼
S 24 | S 19
1921

from which,

A yellow pine, 6 ins. diam., bears S.79°45'E., 25 lks. dist., marked ¼ S 19 B T.

A pinon pine, 5 ins. diam., bears S.61°30'W., 97 lks. dist., marked ¼ S 24 B T.

47.50	Spur, 35 ft. above ¼ sec. cor., projects NE. approximately 15.00 chs. dist.; desc. 100 ft.
53.80	Draw, course E.; asc. 145 ft.
72.00	Spur, projects N.10°E.; desc. gradually 5 ft. to
80.00	On a gentle NW. slope, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 13, 18, 19 and 24, with brass cap mkd:

T17S
R21E | R22E
S13 | S18
S24 | S19
1921

There are no trees within a reasonable distance; therefore I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; mountainous with outcroppings of light colored sandstone; general drainage NE.; eastern exposure, S. 72.00 chs.; western exposure, N. 8.00 chs.

Soil; dark sandy loam, 1 to 3 ft. deep; lying on a brown clay subsoil or on bedrock.

Chains.	
	Timber; aspen, spruce, cedar, pinon and yellow pine.
	Undergrowth; sagebrush, deer browse, service berry bushes, oak and buck brush.
	Good grazing.
	North bet. secs. 13 and 18.
	Desc. 500 ft. over NW. slope, through dense sagebrush, oak and buck brush, and scattering service berry bushes.
36.00	Enter a medium growth of spruce and aspen timber, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 13 | S 18 1921
	from which,
	A spruce, 16 ins. diam., bears N.80°30'E., 20 lks. dist., marked ¼ S 18 B T.
	A spruce, 6 ins. diam., bears S.67°15'W., 13 lks. dist., marked ¼ S 13 B T.
	This cor. is located 480 ft. below sec. cor.
40.50	Draw, 20 ft. below ¼ sec. cor., course NW.; asc. 10 ft.
41.00	Spruce timber becomes more scattering, bearing E. and W.
41.50	Spur, projects W. about 2.00 chs. dist.; desc. 100 ft.
48.60	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of a fork of Ten Mile Canyon, course N.15°E.; asc. 50 ft.
49.50	Leave aspen timber, bears NE. and SW.
57.70	Spur, projects N.20°E. about 4.00 chs. dist.; desc. 105 ft.
61.10	Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of a fork of Ten Mile Canyon, course E.; aspen timber scattered along stream; asc. 270 ft. over sandstone outcroppings and through scattering cedar, pinon pine and spruce timber, bearing E. and W.

East Boundary of T. 17 S., R. 21 E.

Chains.	
67.80	Leave outcroppings of sandstone.
68.00	Leave timber, bears E. and W., at the top of abrupt ascent, bearing E. and W.; asc. gradually.
73.80	Spur, projects N.60°E. approximately 30.00 chs. dist.; desc. 45 ft.
76.50	Draw, course N.60°E.; asc. 10 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 7, 12, 13 and 18, with brass cap mkd:

T17S.
R21E | R22E
S12 | S7
S13 | S18
1921

and deposit a stone marked with a cross(X), in the hole beside the post; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; abrupt NW. and SE. slopes of forks of Ten Mile Canyon, draining NE.; outcroppings of light colored sandstone.

Soil; dark sandy loam, about 1 ft. deep on spurs, and about 3 ft. deep in the bottoms of draws, ravines and canyons, lying on a dark subsoil or on bedrock.

Timber; aspen, spruce, cedar and pinon pine.

Undergrowth; sagebrush, service berry bushes, oak and buck brush.

Good grazing of grass and browse.

North bet. secs. 7 and 12.

Asc. gradually 5 ft. over SE. slope, through dense sagebrush, oak and buck brush, and scattering service berry bushes.

4.50	Top of ascent, bears NW. and SW.; desc. 45 ft.
9.00	Stream of water, 1 lk. wide, 1 in. deep, in the bottom of draw, course SE.; water rises NW. 1.50 chs. dist.; asc. 280 ft. to ¼ sec. cor.
10.00	Enter scattering cedar, spruce and pinon pine timber,

Chains.	
	bears NW. and SE.
40.00	On top of spur which at this point forks NE. and SE., set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

$$\begin{array}{c|c} \multicolumn{2}{c}{\frac{1}{4}} \\ S\ 12 & S\ 7 \\ \multicolumn{2}{c}{1921} \end{array}$$

from which,

A pinon pine, 5 ins. diam., bears S.56°30'W., 307 lks. dist., marked ¼ S 12 B T.

As there are no trees in sec. 7 within limits suitable for marking, I deposit a stone marked with a cross(X), in the hole beside the post.

53.10 Draw, 75 ft. below ¼ sec. cor., course NE.; asc. 15 ft. to

80.00 On top of ridge, bearing N.20°E. and S.20°W., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 1, 6, 7 and 12, with brass cap mkd:

$$\begin{array}{c|c} \multicolumn{2}{c}{T17S} \\ R21E & R22E \\ S1 & S6 \\ \hline S12 & S7 \\ \multicolumn{2}{c}{1921} \end{array}$$

from which,

A pinon pine limb, 12 ins. diam., bears S.46°E., 237 lks. dist., marked T 17 S R 22 E S 7 B T.

A cedar, 6 ins. diam., bears N.29°W., 236 lks. dist., marked T 17 S R 21 E S 1 B T.

There are no trees available in secs. 6 and 12; therefore I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; mountainous; sandstone formation; drainage SE., S. ½ mile, NE., N. ½ mile; general eastern exposure.

Soil; sandy loam about 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock.

Timber; cedar, spruce and pinon pine.

Undergrowth; sagebrush, service berry bushes, oak and

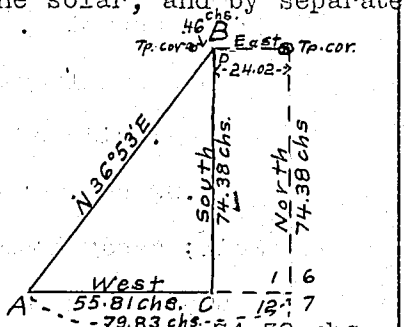
Chains.	
	buck brush.
	Good grazing of grass and browse.
	North bet. secs. 1 and 6.
	Desc. 635 ft. over NW. slope to ¼ sec. cor., through scattering cedar and pinon pine timber, and dense sagebrush, oak and buck brush.
24.30	Leave timber, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 1 | S 6 1921
	from which,
	An aspen, 4 ins. diam., bears N.14°30'E., 158 lks. dist., marked ¼ S 6 B T.
	A red cedar, 4 ins. diam., bears N.50°30'W., 39 lks. dist., marked ¼ S 1 B T.
41.50	Enter a medium growth of aspen timber, bears E. and W.
42.00	Dry wash, 30 lks. wide, 3 ft. deep, in the bottom of Ten Mile Canyon, 80 ft. below ¼ sec. cor., course W.; leave timber and undergrowth, bear E. and W.; over nearly level bottom of canyon, from N. side of wash, through dense sagebrush and rabbit brush.
48.00	Leave undergrowth of sagebrush and rabbit brush, and enter scattering oak brush, bear E. and W.; begin abrupt ascent of 680 ft. over series of perpendicular ledges, 10 to 40 ft. high, bearing E. and W., which make chaining impracticable; therefore I determine the entire length of the line by triangulation, hereinafter described, after giving the approximate distances to the remaining topography.
48.50	Approximately. Enter scattering cedar and pinon pine timber, bears E. and W.
65.00	Approximately. Leave ledges, bear E. and W., at the top of abrupt ascent, bearing E. and W.; enter heavy

Chains.

cedar, spruce and pinon pine timber, bears E. and W.; asc. gradually 10 ft.

65.50 Approximately. Spur, projects SW. approximately 25.00 chs. dist.; desc. gradually 15 ft. to cor. of Tps. 17 S., Rs. 21 and 22 E., hereinafter described.

Thence, south 40.00 chs. by direct measurement from the ¼ cor. of secs. 1 and 6; then, from the cor. of secs. 1, 6, 7 and 12, I measure a base line W. 79.83 chs. dist. to a point "A", but as a flag on line bet. secs. 1 and 6, on the N. side of Ten Mile Canyon, can not be seen from a point on this base so as to make a suitable triangulation, I use the W. 55.81 chs. as the base line. From point "A" a flag "B" located 46 lks. E. and 39 lks. N. of the cor. of Tps. 16 S., Rs. 21 and 22 E. bears N.36°53'E.; from flag "B" a flag "C" set at the E. end of the base bears south. All bearings are checked by direct reading of the solar, and by separate measurement of each angle by deflection, they are found respectively 90°00', 53°07' and 36°53'; and their sum is equal to 180°00'.



Dist. "BC" by triangulation.....=74.38 chs.
Dist. S. from flag "B" by return measurement to a point "D" E. of the cor. of Tps. 16 S., Rs. 21 and 22 E.....= 0.39 "
Required dist. "CD".....=73.99 "
which is equal to and parallel to the line bet. secs. 1 and 6, on the E. bdy. of the Tp., or at

73.99 Intersect E. and W. line, 24.48 chs. E. of the cor. of Tps. 16 and 17 S., Rs. 21 and 22 E., which is an iron post, 3 ins. in diam., extending 33 ins. above ground, firmly set in a mound of stone, correctly marked and witnessed on the S. by a mound of stone, 5 ft. base, 4 ft. high. As this cor. now refers to Tps. 16 S., Rs. 21 and 22 E., only, I destroy the markings on the monument, and the accessory pertaining to T. 17 S., and raise a mound of stone, 2 ft. base, 1½ ft. high,

Chains.

N. of cor. And at the point of intersection of the E. bdy. of the Tp. with the E. and W. line, set an iron post, 3 ft. long, 3 ins. in diam., 10 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of Tps. 17 S., Rs. 21 and 22 E., only, with brass cap mkd:

T16SR22E
S31
S1 | S6
R21E | R22E
T17S
1921

from which,

A cedar, 20 ins. diam., bears S.46°15'E., 15 lks. dist., marked T 17 S R 22 E S 6 B T.

A pinon pine, 12 ins. diam., bears S.57°W., 49 lks. dist., marked T 17 S R 21 E S 1 B T.

This cor. is located 10.00 chs. E. and 190 ft. above draw, draining S.10°W.

Land; abrupt N. and S. sides of Ten Mile Canyon; outcroppings and ledges of sandstone and shale on 17.00 chs. on N. side of canyon; drainage N., S. 42.00 chs., S., N. 31.99 chs.

Soil; sandy loam, 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock; very shallow sand on the rough portion.

Timber; cedar, aspen, spruce and pinon pine.

Undergrowth; oak and buck brush, sagebrush and rabbit brush.

Good grazing of grass and browse, S. 48.00 chs.

Subdivision of T. 17 S., R. 21 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.

Desc. 20 ft. over NW. slope, through dense oak and buck brush.

4.00 Head of draw, course SW.; asc. 200 ft.

Subdivision of T. 17 S., R. 21 E.

Chains.	
7.70	Spur, projects SW. approximately 10.00 chs. dist.; desc. 270 ft.
21.20	Enter a medium growth of aspen timber, bears NE. and SW.
23.70	Ravine, course SW.; asc. 390 ft. to ¼ sec. cor.
24.00	Leave aspen timber, bears NE. and SW.
32.00	Enter scattering spruce, pinon and yellow pine timber, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 35 | S 36

1921

from which,

A pinon pine limb, 6 ins. diam., bears N.26°45'E., 41 lks. dist., marked ¼ S 36 B T.

A pinon pine, 10 ins. diam., bears N.74°W., 30 lks. dist., marked ¼ S 35 B T.

43.50	Spur, 45 ft. above ¼ sec. cor., projects SW.; desc. 340 ft.
51.70	Leave undergrowth, bears E. and W.
51.90	Enter heavy aspen timber, bears E. and W.
52.90	Leave aspen timber and enter dense oak and buck brush, bear E. and W.
56.80	Enter scattering aspen timber, bears NE. and SW.
66.80	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course SW.; asc. 290 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 25, 26, 35 and 36, with brass cap mkd:

T17S	R21E
S26	S25
S35	S36

1921

from which,

A cedar, 12 ins. diam., bears S.1°30'E., 257 lks. dist., marked T 17 S R 21 E S 36 B T.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	A spruce, 16 ins. diam., bears S.2°15'W., 300 lks. dist., marked T 17 S R 21 E S 35 B T.
	A pinon pine, 10 ins. diam., bears N.87°45'W., 478 lks. dist., marked T 17 S R 21 E S 26 B T.
	There are no trees available in sec. 25; therefore I deposit a stone marked with a cross(X), in the hole beside the post.
	Land; mountainous, draining SW.; outcroppings of sandstone formation; NW. and SE. exposure.
	Soil; dark sandy loam, varying in depth from a few ins. on the tops of spurs to about 3 ft. deep on the sides of ravines and draws, lying on bedrock.
	Timber; cedar, spruce, aspen, pinon and yellow pine.
	Undergrowth; oak and buck brush.
	Excellent growth of grass and browse.
	East on a random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect the E. bdy. of the Tp., 10 lks. N. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.
	Thence,
	N.89°56'W. on a true line bet. secs. 25 and 36.
	Desc. 285 ft. over NW. slope, through scattering spruce, mahogany and pinon pine timber, and dense undergrowth of oak and buck brush, and scattering service berry bushes.
7.60	Draw, course SW.; asc. 20 ft.
10.30	Perpendicular ledge, 20 ft. high, bears N.80°E. and S.80°W.
11.20	Spur, projects SE. about 5.00 chs. dist.; desc. 75 ft.
12.30	Same ledge, 20 ft. high, bears NW. and SE.
16.10	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course SE.; heavy aspen timber along stream; asc. abruptly 290 ft.
28.10	Spur, projects SE. about 6.00 chs. dist.; desc. 70 ft.

Subdivision of T. 17 S., R. 21 E.

Chains.	
35.30	Draw, course SE.; asc. 110 ft. to
39.90	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 25 / S 36 1921
	from which,
	A yellow pine, 6 ins. diam., bears S.37°E., 294 lks. dist., marked ¼ S 36 B T.
	As there are no trees available in sec. 25, I deposit a stone marked with a cross(X), in the hole beside the post.
43.50	Ridge, 75 ft. above ¼ sec. cor., bears N.20°E. and S.20°W.; enter a medium growth of sagebrush, bears N. and S.; desc. 335 ft.
61.50	Ravine, course SW.; asc. 20 ft.
65.30	Spur, projects SW. about 5.00 chs. dist.; desc. 225 ft.
76.20	Draw, course SW.; aspen timber scattered along bottom of draw; asc. 90 ft. to
79.80	The cor. of secs. 25, 26, 35 and 36.
	Land; mountainous, abrupt E. 43.50 chs.; outcroppings and ledges of sandstone formation; E. 43.50 chs. drains generally to the SE., and the W. 36.30 chs. drains SW.
	Soil; dark sandy loam, varying in depth from about 8 ins. on the tops of spurs to about 3 or 4 ft. on the sides of draws and ravines, lying on bedrock.
	Timber; aspen, spruce, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Excellent grazing of grass and browse.

	N.0°01'W. bet. secs. 25 and 26.
	Asc. 130 ft. over SE. slope, through dense sagebrush, oak and buck brush.
10.90	Spur, projects S.60°W.; desc. 305 ft.

Chains.	
32.60	Ravine, course SW.; asc. 215 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 26 | S 25

1921

and deposit a stone marked with a cross(X), in the hole beside the iron post.

52.20	Spur, 125 ft. above ¼ sec. cor., projects SW.; desc. gradually 15 ft.
53.30	Head of ravine, course NW.; leave undergrowth of oak and buck brush, bears NW. and SE.; asc. gradually 15 ft.
74.00	Spur, projects NW.; desc. 150 ft. to sec. cor.
74.30	Leave sagebrush and enter a medium growth of oak brush, bears NW. and SE.; enter heavy spruce and yellow pine timber, bears NW. and SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 23, 24, 25 and 26, with brass cap mkd:

T17S	R21E
S23	S24
S26	S25

1921

from which,

A spruce, 12 ins. diam., bears N.35°30'E., 49 lks. dist., marked T 17 S R 21 E S 24 B T.

A spruce, 8 ins. diam., bears S.65°E., 13 lks. dist., marked T 17 S R 21 E S 25 B T.

A spruce, 7 ins. diam., bears S.6°W., 41 lks. dist., marked T 17 S R 21 E S 26 B T.

A spruce, 5 ins. diam., bears N.21°30'W., 63 lks. dist., marked T 17 S R 21 E S 23 B T.

Land; mountainous with outcroppings and boulders of sandstone formation; drainage SW., S. 52.20 chs., NW., N. 27.80 chs.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	Soil; light sandy loam, 8 ins. to about 3 ft. deep, lying on bedrock.
	Timber; spruce and yellow pine.
	Undergrowth; sagebrush, oak and buck brush.
	Good grazing of grass and browse.
	S.89°56'E. on a random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect the E. bdy. of the Tp., 2 lks. S. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.
	Thence,
	N.89°57'W. on a true line bet. secs. 24 and 25.
	Desc. 35 ft. over NW. slope, through a medium growth of aspen, spruce and yellow pine timber, and scattering oak brush.
2.00	Draw, course N.20°E.; enter heavy timber, bears N.20°E. and S.20°W.; asc. 325 ft.
3.20	Leave timber, bears N.20°E. and S.20°W.; enter dense undergrowth of oak and buck brush, and scattering service berry bushes, bears N. and S.
18.30	Ridge, bears N. and S. about 20.00 chs. dist., thence southwesterly; desc. 600 ft.
20.00	Enter a sparse growth of aspen timber, bears N. and S.
39.50	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course SW.; asc. 5 ft. to
39.92	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 24 / S 25 1921
	from which,
	An aspen, 5 ins. diam., bears N.35°E., 16 lks. dist., marked ¼ S 24 B T.
	An aspen, 12 ins. diam., bears S.31°30'W., 6 lks. dist., marked ¼ S 25 B T.
44.50	Spur, 10 ft. above ¼ sec. cor., projects SW. about 4.00 chs. dist.; desc. 155 ft.

Subdivision of T. 17 S., R. 21 E.

Chains.	
49.30	Stream of clear water, 3 lks. wide, 1 in. deep, in the bottom of Segundo Canyon, course NW.; asc. 460 ft.
65.30	Spur, projects N. approximately 20.00 chs. dist.; desc. 310 ft.
70.00	Enter scattering spruce and yellow pine timber, bears N. and S.
74.00	Ravine, course N.20°W.; enter heavy timber, bears NW. and SE.; undergrowth becomes scattering; asc. 120 ft. to
79.84	The cor. of secs. 23, 24, 25 and 26.
	Land; abrupt mountains with outcroppings of sandstone formation; general drainage NE., E. 18.30 chs.; NW., W. 61.54 chs.
	Soil; light sandy loam about 1 to 3 ft. deep on the slopes, lying on a clay subsoil or on bedrock; dark loam several ft. deep in the bottoms of canyons and ravines.
	Timber; aspen, spruce and yellow pine.
	Undergrowth; service berry bushes, oak and buck brush.
	Excellent grazing of grass and browse.

	N.0°01'W. bet. secs. 23 and 24.
	Desc. 635 ft. over abrupt NE. slope, through heavy spruce, balsam and yellow pine timber, and scattering oak brush.
9.80	Leave timber, bears NE. and SW.; enter dense undergrowth of oak and buck brush, bears NE. and SW.
20.00	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of Segundo Canyon, from the E., course NW.; heavy aspen and maple timber, and dense service berry bushes along creek; asc. abruptly 435 ft. over boulders and broken ledges, bearing E. and W.
21.50	Base of sloping ledge, 90 ft. high, bears NW. and SE.
33.90	Leave ledges and boulders at the top of abrupt ascent, bearing NW. and SE.; enter scattering spruce, cedar and pinon pine timber, bears NW. and SE.; asc. gradually 50 ft. to ¼ sec. cor.
34.10	Enter dense sagebrush, bears NW. and SE.; oak and buck

Chains.

brush become more scattering.

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

¼

S 23 | S 24

1921.

from which,

A pinon pine limb, 6 ins. diam., bears S.54°30'E., 105 lks. dist., marked ¼ S 24 B T.

A spruce, 12 ins. diam., bears S.68°30'W., 366 lks. dist., marked ¼ S 23 B T.

This cor. stands on top of a spur, projecting W. approximately 20.00 chs. dist.

47.00 Enter dense undergrowth of oak and buck brush, bears NE. and SW.; sagebrush becomes more scattering.

56.80 Enter heavy aspen timber, bears NE. and SW.

57.00 Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, 155 ft. below ¼ sec. cor., course SW.; small spring bears E. about 50 lks. dist.; asc. 280 ft. to sec. cor.

57.40 Leave aspen timber, bears NE. and SW.

80.00 On a SE. slope, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 13, 14, 23 and 24, with brass cap mkd:

T17S	R21E
S14	S13
S23	S24

1921

from which,

A pinon pine, 6 ins. diam., bears S.39°E., 148 lks. dist., marked T 17 S R 21 E S 24 B T.

A pinon pine, 6 ins. diam., bears S.47°30'W., 123 lks. dist., marked T 17 S R 21 E S 23 B T.

As there are no trees available in secs. 13 and 14, I deposit a stone marked with a cross(X), in the hole beside the post.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	Land; abrupt slopes of canyons and ravines, with outcroppings and ledges of sandstone formation; drainage NW., S. ½ mile; SW., N. ½ mile.
	Soil; sandy loam, varying in depth from a few ins. to about 3 ft., lying on bedrock.
	Timber; spruce, yellow pine, balsam, aspen, maple, cedar and pinon pine.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Good growth of grass and browse.
	S.89°57'E. on a random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect the E. bdy. of the Tp., 19 lks. S. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.
	Thence,
	S.89°55'W. on a true line bet. secs. 13 and 24.
	Desc. 325 ft. over NW. slope, through dense oak and buck brush, scattering sagebrush and service berry bushes.
15.30	Fork of Ten Mile Canyon, course N.; asc. 350 ft.
29.80	Ridge, bears N. and S.; desc. 130 ft. to
39.93	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 13 / S 24 1921
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
41.70	Head of ravine, 10 ft. below ¼ sec. cor., course S.20°W.; asc. 260 ft.
55.70	Spur, projects S. approximately 25.00 chs. dist.; desc. 285 ft.
72.40	Draw, course S.20°W.; aspen timber scattered along bottom of draw; asc. 95 ft. to
79.86	The cor. of secs. 13, 14, 23 and 24.
	Land; abrupt slopes of draws, ravines and canyon with

Chains.

outcroppings of sandstone formation; drainage NE., E. 29.76 chs.; W. 50.10 chs. drains SW.

Soil; light sandy loam, about 1 to 3 ft. deep, lying on a clay subsoil or on bedrock.

Timber; aspen.

Undergrowth; sagebrush, service berry bushes, oak and buck brush.

Excellent growth of grass and browse.

N.0°01'W. bet. secs. 13 and 14.

Asc. 60 ft. over SE. slope, through dense sagebrush, oak and buck brush, and scattering service berry bushes.

4.70 Steer ridge, bears E. and W.; desc. gradually 65 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 14 | S 13

1921

from which,

A spruce, 7 ins. diam., bears S.13°W., 338 lks. dist., marked ¼ S 14 B T.

There are no trees available in sec. 14; therefore I deposit a stone marked with a cross(X), in the hole, beside the post.

From this cor. desc. abruptly 290 ft. to

56.00 Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course NW.; asc. 15 ft.

64.10 Spur, projects W. about 4.00 chs. dist.; desc. 125 ft.

71.60 Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of a fork of Ten Mile Canyon, course N.20°E.; medium growth of aspen timber along stream; asc. 45 ft. to

80.00 On an E. slope, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 11, 12,

Chains. 13 and 14, with brass cap mkd:

T17S.	R21E
S11	S12
S14	S13

1921

from which,

An aspen, 10 ins. diam., bears N.83°15'E., 223 lks. dist., marked T 17 S R 21 E S 12 B T.

An aspen, 10 ins. diam., bears S.75°45'E., 241 lks. dist., marked T 17 S R 21 E S 13 B T.

As there are no trees available in secs. 11 and 14, I deposit a stone marked with a cross (X), in the hole beside the post.

Land; mountainous with outcroppings of light colored sandstone and shale; drainage SW. with a southern exposure, S. 4.70 chs.; N. 75.30 chs. drains NE. with a northern and eastern exposure.

Soil; light sandy loam, about 8 ins. to 3 or 4 ft. deep, lying on bedrock.

Timber; aspen, and a few scattering spruce and yellow pine.

Undergrowth; sagebrush, service berry bushes, oak and buck brush.

Excellent growth of grass.

N.89°55'E. on a random line bet. secs. 12 and 13.

40.00 Set temp. ½ sec. cor.

79.88 Intersect the E. bdy. of the Tp., 7 lks. S. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence,

S.89°52'W. on a true line bet. secs. 12 and 13.

Asc. abruptly 425 ft. over SE. slope, through dense oak brush.

7.30 Leave dense oak brush, and enter a medium growth of sagebrush and oak brush, bears NE. and SW.

20.00 Enter scattering pinon pine timber, bears NE. and SW.

28.20 Top of abrupt ascent, bears NE. and SW.; asc. gradually 15 ft. to

Subdivision of T. 17 S., R. 21 E.

Chains.	
31.30	Ridge, bears N.30°E. and S.30°W.; desc. gradually 25 ft. to ¼ sec. cor., across the head of ravine, draining NW.
39.94	On top of spur, projecting NW., set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd.:
	¼ S 12 / S 13 1921
	and deposit a stone marked with a cross (X), in the hole beside the post.
	There are no trees available suitable for marking.
	Continue gradual descent of 150 ft. to
56.70	Leave sagebrush, and enter dense oak and buck brush undergrowth, bears N. and S., at the top of abrupt descent, bearing N. and S.
66.40	Leave pinon pine timber, bears N. and S.
77.30	Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of a fork of Ten Mile Canyon, 335 ft. below top of abrupt descent, course N.10°W.; medium growth of aspen timber along creek; asc. 80 ft. to
79.88	The cor. of secs. 11, 12, 13 and 14.
	Land; abrupt slopes of ravines and canyon, with outcroppings of shale and light colored sandstone; drainage generally to the NE., E. 31.30 chs.; W. 48.58 chs. drains generally to the N.; general E. and W. exposure.
	Soil; light sandy loam, about 1 to 2 ft. deep, lying on a clay subsoil or on bedrock, on the slopes; dark loam several ft. deep in the bottoms of ravines and canyon. Loose shale on surface in places.
	Timber; aspen and pinon pine.
	Undergrowth; sagebrush, oak and buck brush.
	Excellent growth of grass.
	N.0°01'W. bet. secs. 11 and 12.
	Asc. gradually 5 ft. over SE. slope, through dense sage-

Chains.	
	brush and oak brush.
1.00	Top of ascent, bears NW. and SW.; desc. 170 ft.
15.90	Enter a medium growth of spruce, cedar and yellow pine timber, bears NW. and SE.; leave undergrowth, bears NW. and SE.
17.40	Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of a fork of Ten Mile Canyon, course N.10°W.; asc. gradually 15 ft.
18.00	Enter dense undergrowth of sagebrush and oak brush, bears NW. and SE.; timber becomes more scattering, bearing NW. and SE.
33.50	Enter heavy timber, bears NW. and SE.; undergrowth becomes more scattering, bearing NW. and SE.
33.70	Spur, projects NW. about 3.00 chs. dist.; desc. 80 ft.
to	
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 11 | S 12

1921

from which,

A spruce, 10 ins. diam., bears N.33°15'E., 42 lks. dist., marked ¼ S 12 B T.

A spruce, 14 ins. diam., bears S.45°45'W., 88 lks. dist., marked ¼ S 11 B T.

41.50	Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of a fork of Ten Mile Canyon, 25 ft. below ¼ sec. cor., course N.15°E.; asc. abruptly 1320 ft. to sec. cor. along SE. slope, over series of ledges, 15 to 25 ft. high, bearing NE. and SW.
41.70	Leave heavy timber, and enter a medium growth of cedar, piñon pine, spruce and mahogany timber, bears NE. and SW.
80.00	On top of spur, projecting N.20°E. approximately 40.00 chs. dist., set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to solid rock and sur-

Chains.	
	rounded by a mound of stone for cor. of secs. 1, 2, 11 and 12, with brass cap mkd:
	T17S | R21E S2 | S1 S11. | S12 1921
	from which,
	A pinon pine, 6 ins. diam., bears N.40°30'E., 129 lks. dist., marked T 17 S.R 21 E S.1 B T.
	A pinon pine, 12 ins. diam., bears S.47°E., 74 lks. dist., marked T 17 S R 21 E S 12 B T.
	A pinon pine, 7 ins. diam., bears S.32°15'W., 93 lks. dist., marked T 17 S R 21 E S 11 B T.
	A spruce, 3 ins. diam., bears N.14°15'W., 188 lks. dist., marked S. 2 B T.
	Land; line runs along the sides of a fork of Ten Mile Canyon; abrupt with series of broken ledges of sandstone and shale outcroppings, N. 38.50 chs.; general drainage N.
	Soil; light sandy loam, varying in depth from a few ins. to 2 ft., lying on bedrock, on the sides of canyon; dark loam several ft. deep in the bottom of canyon. Loose shale and sandstone rocks on surface, N. 38.50 chs.
	Timber; cedar, spruce, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush and oak brush.
	Good grazing of grass and browse, S. 41.50 chs.; scattering bunch grass, N. 38.50 chs.
	N.89°52'E. on a random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.82	Intersect the E. bdy. of the Tp., 9 lks. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.
	Thence,
	S.89°48'W. on a true line bet. secs. 1 and 12.
	Desc. 65 ft. over NW. slope, through a medium growth of sagebrush, oak and buck brush.

Subdivision of T. 17 S., R. 21 E.

Chains.	
8.80	Draw, course N.; asc. 80 ft.
15.80	Spur, projects NW. approximately 50.00 chs. dist.; enter scattering cedar and pinon pine timber, bears NW. and SE.; desc. 230 ft. to ¼ sec. cor., across the head of draw, draining southwesterly.
39.91	On a SW. slope, set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: ¼ S 1 / S 12 1921 from which, A cedar, 5 ins. diam., bears N.83°15'E., 122 lks. dist., marked ¼ S 1 B T. A cedar, 3 ins. diam., bears S.32°15'W., 107 lks. dist., marked B T.
	Desc. gradually 45 ft. from this cor. to
43.80	Base of gradual descent, bears NW. and SE.; enter a medium growth of spruce, pinon pine, cedar and mahogany timber, bears NW. and SE.; begin abrupt descent of 465 ft. over series of ledges, 10 to 20 ft. high, bearing NW. and SE. on SW. slope.
55.20	Leave ledges, bear NW. and SE.
55.30	Seepage of water in the bottom of ravine, course N.70°W.; asc. 30 ft.
56.10	Spur, projects NW. about 1.00 ch. dist.; desc. 160 ft.
60.00	Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of a fork of Ten Mile Canyon, course N.10°W.; asc. 775 ft., over series of broken ledges, 10 to 25 ft. high, bearing N. and S., to sec. cor.
60.20	Undergrowth becomes more scattering, bearing N. and S.
79.82	The cor. of secs. 1, 2, 11 and 12.
	Land; mountainous, E. 43.82 chs.; steep and rough sides of a fork of Ten Mile Canyon, W. 36.00 chs.; sandstone and shale formation; general drainage N.

Subdivision of T. 17 S., R. 21 E.

Chains.

Soil; light sandy loam, about 1 to 2 ft. deep, lying on a light clay subsoil or on bedrock, E. 43.80 chs.; soil very shallow on remainder of mile.

Timber; cedar, spruce, pinon pine and mahogany.

Undergrowth; sagebrush, oak and buck brush.

Good grazing, E. 43.80 chs.

N.0°01'W. on a true line bet. secs. 1 and 2.

Desc. 375 ft. over abrupt NW. slope, through scattering cedar, pinon pine and spruce timber, and dense sagebrush, oak and buck brush.

24.60 Perpendicular ledge, 30 ft. high, bears E. and W., in the bottom of draw, course N.10°E. asc. 15 ft.

38.00 Spur, projects NE. about 5.00 chs. dist.; desc. abruptly 400 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 2 | S 1

1921

and as there are no trees available suitable for marking, I deposit a stone marked with a cross (X), in the hole beside the post.

41.50 Leave undergrowth of oak and buck brush, bears NE. and SW., at the base of abrupt descent, bearing E. and W., 150 ft. below ¼ sec. cor.; over level bottom of Ten Mile Canyon, through dense tall sagebrush.

46.00 Dry wash, 60 lks. wide, 8 ft. deep, course W.

50.00 Leave sagebrush, bears E. and W.; begin abrupt ascent of S. slope 375 ft., through a medium growth of cedar, pinon pine, spruce and mahogany timber, bearing E. and W., and over a series of perpendicular ledges, 10 to 30 ft. high, bearing E. and W., which make chaining impracticable; therefore I determine the length of the line by triangulation, hereinafter described, after

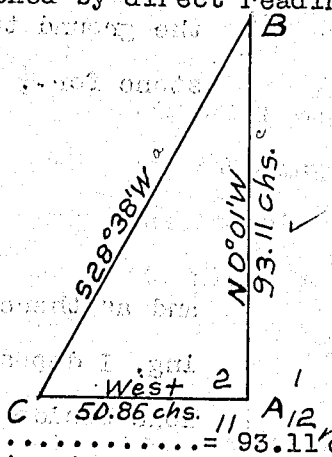
Chains.

giving the approximate distances to the remaining topography.

69.00 Approximately. Leave ledges, bear NE. and SW.; enter scattering oak and buck brush, and young mahogany undergrowth, bears NE. and SW.

70.00 Spur, projects SW. approximately 12.00 chs. dist.; enter heavy timber, bears NE. and SW.; desc. abruptly 140 ft. to the closing cor. of secs. 1 and 2, hereinafter described.

Thence, S.0°01'E. 40.00 chs. by direct measurement from the ¼ cor. of secs. 1 and 2 to the cor. of secs. 1, 2, 11 and 12; then from this sec. cor., which I designate as point "A", I set a flag "B" on line on the N. side of Ten Mile Canyon, and measure a base line W. 50.86 chs. dist. to a point "C", which from flag "B" bears S.28°38'W. All bearings are checked by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions, they are found respectively 89°59', 61°22' and 28°39'; and their sum is equal to 180°.



Dist. by triangulation.....= 93.11 chs
Dist. S.0°01'E. from flag "B" by direct measurement.....= 19.02 "
or at 74.09 "

74.09 Intersect the S. bdy. of T. 16 S., R. 21 E., 24.81 chs. E. of the witness cor. of secs. 1, 2, 35 and 36, which is an iron post, 2 ins. in diam., extending 30 ins. above ground, firmly set in a large mound of stone, correctly marked and witnessed as described by the Surveyor General. As this cor. now refers to secs. in T. 16 S. only, I destroy the markings on the cor. and bearing trees pertaining to secs. in T. 17 S. And at the point of intersection, set an iron post, 3 ft. long,

Subdivision of T. 17 S., R. 21 E.

Chains.

2 ins. in diam., 14 ins. in the ground to solid rock and surrounded by a mound of stone for closing cor. of secs. 1 and 2, with brass cap mkd:

T16SR21E
S36
S2|S1
T17SR21E
CC
1921

from which,

A spruce, 18 ins. diam., bears S.53°E., 65 lks. dist., marked C C T 17 S R 21 E S 1 B T.

A spruce, 10 ins. diam., bears S.61°30'W., 67 lks. dist., marked C C T 17 S R 21 E S 2 B T.

Land; line crosses the abrupt sides of Ten Mile Canyon; shale, light and red colored sandstone formation; general drainage N., S. 46.00 chs.; N. 4.09 chs. drains SW., and the remainder of 24.00 chs. drains S.; general N. and S. exposure.

Soil; light sandy loam, varying in depth from a few ins. to 3 ft. lying on bedrock; very shallow soil on the rough portions of the line; sandy loam several ft. deep in the bottom of Ten Mile Canyon.

Timber; cedar, pinon pine, spruce and mahogany.

Undergrowth; sagebrush, oak and buck brush.

Good grazing of grass and browse, S. 50.00 chs.

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

N.0°01'W. bet. secs. 34 and 35.

Asc. 35 ft. over SE. slope, through a medium growth of spruce and yellow pine timber, and scattering sagebrush, oak and buck brush.

3.10 Spur, projects N.80°E. about 5.00 chs. dist.; desc. 115 ft. over sandstone outcroppings.

5.90 Draw, course E.; asc. 255 ft. along rough SE. slope.

8.50 Perpendicular ledge, 30 ft. high, bears E. and W.

24.80 Leave sandstone outcroppings at the top of ascent, bear-

Chains.	
	ing NW. and SW.; desc. 320 ft.
34.60	Draw, course N.70°E.; asc. 50 ft. over sandstone outcroppings to
40.00	At the top of ascent, bearing NW. and SW., set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 34 | S 35 1921
	from which,
	A yellow pine, 6 ins. diam., bears N.1°30'E., 32 lks. dist., marked ¼ S 35 B T.
	A yellow pine, 6 ins. diam., bears N.79°45'W., 50 lks. dist., marked ¼ S 34 B T.
52.90	Perpendicular ledge, 50 ft. high, bears N.10°W. and S.10°E.
60.20	Leave timber, bears NW. and SE., at the base of descent, bearing NW. and SE., 240 ft. below ¼ sec. cor.; over nearly level bottom of East Willow Creek Canyon.
60.40	Leave undergrowth of sagebrush, oak and buck brush and enter scattering white sagebrush, bears NW. and SE.
64.20	East Willow Creek, 8 lks. wide, 8 ins. deep, in wash, 50 lks. wide, 5 ft. deep, course N.30°W.
66.30	Old pole fence, bears N.80°E. and S.80°W., across bottom of canyon.
72.00	Dry wash, 25 lks. wide, 5 ft. deep, at the mouth of ravine, course S.60°W.
75.00	Leave white sagebrush, bears NW. and SE.; leave bottom of canyon, bears NW. and SE.; begin abrupt ascent of 150 ft. to sec. cor., through a medium growth of cedar, spruce and yellow pine timber, bearing NW. and SE.
75.20	Enter a medium growth of oak and buck brush, bears NW. and SE.; over outcroppings and broken sandstone ledges, bearing NW. and SE.
80.00	On a SW. slope, set an iron post, 3 ft. long, 2 ins. in

Chains.

diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 26, 27, 34 and 35, with brass cap mkd:

T17S	R21E
S27	S26
S34	S35

1921

from which,

A spruce, 24 ins. diam., bears N.42°E., 16 lks. dist., marked T 17 S R 21 E S 26 B T.

A spruce, 10 ins. diam., bears S.11°30'E., 63 lks. dist., marked T 17 S R 21 E S 35 B T.

A spruce, 10 ins. diam., bears S.15°45'W., 60 lks. dist., marked T 17 S R 21 E S 34 B T.

A spruce, 12 ins. diam., bears N.46°30'W., 27 lks. dist., marked T 17 S R 21 E S 27 B T.

Land; line runs along the abrupt E. and W. sides of East Willow Creek Canyon, over outcroppings and broken ledges of sandstone; drainage E. and W. to East Willow Creek.

Soil; shallow red sand and sandy loam on the sides of East Willow Creek Canyon; dark or a black loam several ft. deep in canyon bottom.

Timber; cedar, spruce and yellow pine.

Undergrowth; black sagebrush, white sagebrush, oak and buck brush.

Fair growth of grass and browse on sides of canyon; good growth of grass in canyon bottom.

East on a random line bet. secs. 26 and 35.

40.00 Set temp. ¼ sec. cor.

79.78 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence,

S.89°55'W. on a true line bet. secs. 26 and 35.

Asc. 65 ft. over SE. slope, through scattering cedar, spruce, pinon and yellow pine timber, and a medium

Chains.	
	growth of sagebrush, oak and buck brush.
10.00	Spur, projects S. about 20.00 chs. dist.; desc. 75 ft.
20.50	Head of draw, course S.20°E.; asc. 35 ft.
21.00	Enter dense undergrowth of service berry bushes, oak and buck brush, bears NE. and SW.
26.10	Spur, projects SW. approximately 50.00 chs. dist.; desc. abruptly 465 ft. to
39.89	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: $\frac{1}{4}\frac{S\ 26}{S\ 35}$ 1921 from which, A spruce, 5 ins. diam., bears N.41°30'W., 8 lks. dist., marked ¼ S 26 B T. A spruce, 8 ins. diam., bears S.53°45'W., 49 lks. dist., marked ¼ S 35 B T.
	Continue abrupt descent of 420 ft. to
55.00	Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of ravine, course S.70°W.; medium growth of aspen timber along bottom of ravine; asc. 130 ft.
55.40	Enter a medium growth of timber, bears N.70°E. and S.70°W.
67.30	Enter heavy timber, bears N.20°E. and S.20°W., on top of spur, projecting S.20°W. about 5.00 chs. dist.; undergrowth becomes more scattering; desc. 120 ft. to
79.78	The cor. of secs. 26, 27, 34 and 35.

Land; abrupt SE. and NW. slopes of ravines and canyons, draining SW.; outcroppings of light and red colored sandstone.

Soil; sandy loam, and a dark vegetable loam, varying in depth from about 8 ins. to 4 ft., lying on a clay subsoil or on bedrock.

Timber; cedar, spruce, pinon and yellow pine, and aspen.

Undergrowth; sagebrush, service berry bushes, oak and buck brush.

Chains.	
	Good grazing of grass and browse.
	N.0°01'W. bet. secs. 26 and 27.
	Asc. along abrupt E. side of East Willow Creek Canyon, over outcroppings, through a medium growth of spruce, cedar, pinon and yellow pine timber, and dense undergrowth of service berry bushes, oak and buck brush.
7.60	Spur, 70 ft. above sec. cor., projects W. about 5.00 chs. dist.; desc. 15 ft.
9.60	Draw, course SW.; asc. 185 ft.
22.80	Spur, projects W. approximately 20.00 chs. dist.; desc. 110 ft.
31.20	Ravine, course S.80°W.; asc. 310 ft. to ¼ sec. cor.
38.60	Perpendicular ledge, 100 ft. high, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 27 | S 26

19 | 21

from which,

A spruce, 30 ins. diam., bears S.52°30'E., 69 lks. dist., marked ¼ S 26 B T.

A spruce, 24 ins. diam., bears S.29°45'W., 72 lks. dist., marked ¼ S 27 B T.

	From this ¼ sec. cor., Jacob Standifird's log cabin bears S.49°20'W.
41.60	Perpendicular ledge, 25 ft. high, bears E. and W.
45.70	Leave medium growth of timber and enter scattering, bears NE. and SW., at the top of abrupt ascent, bearing NE. and SW., 200 ft. above ¼ sec. cor.; asc. gradually 45 ft.
51.70	Spur, projects SW. approximately 25.00 chs. dist.; desc. 320 ft.
69.40	Enter a medium growth of timber, bears NE. and SW.
77.00	Rugged ravine, course W.; asc. 130 ft. to

Subdivision of T. 17 S., R. 21 E.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 22, 23, 26 and 27, with brass cap mkd:

T17S	R21E
S22	S23
S27	S26

1921

from which,

A pinon pine, 36 ins. diam., bears N.49°E., 32 lks. dist., marked T 17 S R 21 E S 23 B T.

A pinon pine, 12 ins. diam., bears S.84°E., 102 lks. dist., marked T 17 S R 21 E S 26 B T.

A cedar, 4 ins. diam., bears S.41°15'W., 40 lks. dist., marked T 17 S R 21 E S 27 B T.

A pinon pine, 12 ins. diam., bears N.62°30'W., 36 lks. dist., marked T 17 S R 21 E S 22 B T.

Land; line runs along the abrupt and rough E. side of E. Willow Creek Canyon; outcroppings and ledges of light colored sandstone, S. 45.70 chs.; drainage W. to East Willow Creek; western exposure.

Soil; red sand and light sandy loam, shallow, S. 45.70 chs., and about 1. to 3 ft. deep, lying on a clay subsoil or on bedrock, N. 34.30 chs.

Timber; cedar, spruce, pinon and yellow pine; few fir, aspen and mahogany.

Undergrowth; service berry bushes, oak and buck brush.

Excellent grazing of grass and browse, N. 34.30 chs.

N.89°55'E. on a random line bet. secs. 23 and 26.

40.00 Set temp. ¼ sec. cor.

79.76. Intersect. N. and S. line, 9 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence,

S.89°51'W. on a true line bet. secs. 23 and 26.

Asc. 75 ft. over NW. slope, through heavy spruce and yellow pine timber, and scattering oak brush.

Subdivision of T. 17 S., R. 21 E.

Chains.	
0.60	Leave heavy timber and enter scattering, bears NW. and SE.
1.00	Enter dense undergrowth of sagebrush and oak brush, bears NW. and SE.
3.30	Leave timber, bears NW. and SE.
8.10	Spur, projects NW. approximately 40.00 chs. dist.; desc. 150 ft. through a sparse growth of mahogany timber.
18.50	Draw, course SE.; asc. 130 ft.
29.80	Spur, projects SW. about 8.00 chs. dist.; desc. 250 ft.
38.90	Ravine, course N.15°W.; enter scattering growth of aspen, spruce and yellow pine timber, bears N.15°W. and S.15°E.; asc. 20 ft. to
39.88	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

S 23
¼
S 26
1921

from which,

A yellow pine, 12 ins. diam., bears N.67°15'E., 34 lks. dist., marked ¼ S 23 B T.

A spruce, 6 ins. diam., bears S.20°45'W., 43 lks. dist., marked ¼ S 26 B T.

Asc. abruptly 255 ft. from this cor.

49.20	Spur, projects NE. about 10.00 chs. dist.; desc. 10 ft.
50.60	Enter heavy aspen timber, bears NE. and SW.
50.80	Draw, course NE.; leave sagebrush and oak brush, and enter dense young aspen undergrowth, bear NE. and SW.; asc. 215 ft.
54.20	Leave heavy timber and enter scattering, bears N. and S.
54.40	Leave dense aspen undergrowth, and enter dense sagebrush, oak brush and service berry bushes, bear N. and S.
61.00	Spur, projects N.10°W.; leave timber, bears N. and S.; desc. 360 ft. to sec. cor., across the head of ravine, draining S.80°W.
75.60	Enter heavy spruce, cedar, pinon pine, mahogany and yellow pine timber, bears NW. and SE.; leave scattering aspen timber.

Subdivision of T. 17 S., R. 21 E.

Chains.	
79.76	The cor. of secs. 22, 23, 26 and 27.
	Land; abrupt slopes of spurs with outcroppings of light colored sandstone; general drainage NW. to Segundo Canyon, E. 61.00 chs.; W. 18.76 chs. drains W. to Eas Willow Creek.
	Soil; dark loam and a light sandy loam, varying in dept from about 1 ft. to 4 ft., lying on a clay subsoil or on bedrock.
	Timber; spruce, cedar, aspen, mahogany, pinon and yello pine.
	Undergrowth; sagebrush, service berry bushes, oak brush and young aspen.
	Excellent grazing of grass and browse on greater part o mile.

	N.0°01'W. bet. secs. 22 and 23.
	Asc. abruptly 110 ft. over rough S. slope, through heavy cedar, spruce, mahogany, pinon and yellow pine timber, and dense oak brush and scattering service berry bushe
5.50	Leave timber and undergrowth, bear E. and W., at the top of abrupt ascent, bearing E. and W.; asc. gradually 5 ft. through dense sagebrush.
10.30	Spur, projects N.60°W. approximately 25.00 chs. dist.; desc. gradually 25 ft.
18.50	Enter dense oak brush, and scattering aspen and spruce timber, bear NW. and SE.; begin abrupt descent of 615 ft. to ¼ sec. cor., across the head of draw, draining N.20°E.
20.80	Leave undergrowth and enter dense young aspen, bear NW. and SE.
33.60	Leave aspen undergrowth and enter dense oak and buck brush, bear NE. and SW.
35.10	Enter heavy aspen, spruce and yellow pine timber, bears NE. and SW.
40.00	On top of spur, projecting NE. about 3.00 chs. dist.,

Subdivision of T. 17 S., R. 21 E.

Chains.	
	set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 22 | S 23 1921.
	from which,
	A spruce, 6 ins. diam., bears S.60°30'E., 19 lks. dist., marked ¼ S 23 B T.
	A spruce, 14 ins. diam., bears N.58°30'W., 29 lks. dist., marked ¼ S 22 B T.
40.70	Leave timber, bears NE. and SW.
43.90	Leave undergrowth, bears E. and W., at the base of descent, bearing E. and W., 90 ft. below ¼ sec. cor.; over level bottom of Segundo Canyon, through dense sagebrush.
46.90	Stream of clear water, 1 lk. wide, 1 in. deep, in wash, 50 lks. wide, 7 ft. deep, course W.
48.90	Leave sagebrush, bears NE. and SW.; begin abrupt ascent of 200 ft. over SE. slope, through scattering service berry bushes, oak and buck brush undergrowth, bearing NE. and SW.
49.10	Enter a medium growth of cedar, spruce, mahogany, pinon and yellow pine timber, bears NE. and SW.; over broken sandstone ledges and outcroppings, bearing NE. and SW.
57.20	Spur, projects SW. about 5.00 chs. dist.; desc. 155 ft.
69.60	Seepage of water in the bottom of ravine, course SW.; asc. abruptly 225 ft. to sec. cor.
79.10	Perpendicular ledge, 25 ft. high, bears E. and SW.
80.00	On a rough SE. slope, set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 14, 15, 22 and 23, with brass cap mkd:
	T17S | R21E S15 | S14 S22 | S23 1921
	from which,

Subdivision of T. 17 S., R. 21 E.

Chains.	
	A spruce, 30 ins. diam., bears N.61°E., 15 lks. dist., marked T 17 S R 21 E S 14 B T.
	A spruce, 24 ins. diam., bears S.58°15'E., 50 lks. dist., marked T 17 S R 21 E S 23 B T.
	A cedar, 12 ins. diam., bears S.55°W., 49 lks. dist., marked T 17 S R 21 E S 22 B T.
	A cedar, 4 ins. diam., bears N.26°15'W., 22 lks. dist., marked T 17 S R 21 E S 15 B T.
	Land; abrupt and rough E. side of East Willow Creek Canyon, S. 10.30 chs.; remainder of mile crosses the abrupt and rough N. and S. sides of Segundo Canyon; shale and light colored sandstone ledges and outcroppings; general drainage W.
	Soil; light sandy loam and a dark loam, about 1 to 4 ft. deep, lying on bedrock; soil shallow on the rough portions.
	Timber; cedar, spruce, aspen, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush, service berry bushes, young aspen, and oak brush.
	Good grazing of grass and browse on portions of mile.

	N.89°51'E. on a random line bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect N. and S. line, 19 lks. S. of the cor. of secs 13, 14, 23 and 24.
	Thence,
	S.89°43'W. on a true line bet. secs. 14 and 23.
	Asc. 55 ft. over SE. slope, through scattering mahogany timber, and dense sagebrush, oak and buck brush.
4.10	Spur, projects S. approximately 25.00 chs. dist.; desc. 105 ft.
9.60	Draw, course SW.; asc. 45 ft.
14.50	Spur, projects S.20°W. approximately 40.00 chs. dist.; enter scattering spruce, cedar, pinon and yellow pine.

Chains.	
	timber, bears NE. and SW.; desc. 175 ft.
21.90	Draw, course S.20°W.; asc. 20 ft.
23.00	Spur, projects S.20°W. about 7.00 chs. dist.; desc. 160 ft.
32.20	Draw, course SW.; asc. 85 ft. to ¼ sec. cor.
33.00	Enter heavy mahogany timber, bears NE. and SW.
39.88	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

$$\frac{1}{4}\ \frac{\text{S 14}}{\text{S 23}}$$
1921

from which,

A mahogany, 5 ins. diam., bears N.37°30'E., 41 lks. dist., marked ¼ S 14 B T.

A mahogany, 5 ins. diam., bears S.51°30'W., 8 lks. dist., marked ¼ S 23 B T.

43.00	Mahogany timber becomes scattering, bearing N.10°E. and S.10°W., on top of spur, projecting S.10°W. approximately 30.00 chs. dist., 80 ft. above ¼ sec. cor.; desc. 20 ft.
50.00	Draw, course SW.; asc. 20 ft.
53.60	Spur, projects SW. approximately 30.00 chs. dist.; desc. 185 ft.
59.80	Leave sagebrush and enter heavy timber, bear NW. and SE.
65.70	Ravine, course SW.; asc. 20 ft. to
79.76	The cor. of secs. 14, 15, 22 and 23.

Land; line runs along the N. side of Segundo Canyon, over spurs and draws putting to the SW.; outcroppings of shale, quartz and light colored sandstone formation; drainage SW. to Segundo Canyon; southern exposure.

Soil; light sandy loam; shallow on the rough portions, and about 1 to 3 ft. deep, on the sides and bottoms of some of the ravines and draws.

Timber; spruce, cedar, mahogany, pinon and yellow pine.

Undergrowth; sagebrush, oak and buck brush.

Good grazing on greater portion of mile.

Chains.	
	N.0°01'W. bet. secs. 14 and 15.
	Asc. abruptly 335 ft. up draw, draining S., over broken sandstone ledges, through heavy cedar, spruce, mahogany, pinon and yellow pine timber, and dense oak and buck brush.
13.90	Leave timber, bears E. and W., at the top of abrupt ascent, bearing E. and W.; asc. gradually 25 ft.
14.10	Enter dense sagebrush, bears E. and W.
20.60	Spur, projects SW.; desc. gradually 10 ft.
22.40	Leave sagebrush and enter scattering service berry bushes, bear NE. and SW., at the top of abrupt descent, bearing NE. and SW.
24.60	Enter scattering spruce timber, bears NE. and SW.
39.60	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of canyon, 680 ft. below top of abrupt descent, course W.; aspen timber scattered along creek; asc. 10 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 15 | S 14

1921

from which,

An aspen, 4 ins. diam., bears N.62°45'E., 4½ lks. dist., marked ¼ S 14 B T.

An aspen, 4 ins. diam., bears S.75°30'W., 15½ lks. dist., marked ¼ S 15 B T.

46.00	Enter a medium growth of spruce, cedar and pinon pine timber, bears NE. and SW.
66.80	Spur, 585 ft. above ¼ sec. cor., projects SW. about 15.00 chs. dist., thence S.; desc. 45 ft.
67.00	Timber becomes scattering, bearing NE. and SW.
74.40	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course SW.; asc. 85 ft. to sec. cor.
74.80	Enter dense sagebrush, bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins.

Chains.

in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 10, 11, 14 and 15, with brass cap mkd:

T17S	R21E
S10	S11
S15	S14

1921.

from which,

A pinon pine, 6 ins. diam., bears N.51°E., 468 lks. dist., marked T 17 S R 21 E S 11 B T.

A pinon pine, 5 ins. diam., bears S.83°30'W., 210 lks. dist., marked T 17 S R 21 E S 15 B T.

A cedar, 5 ins. diam., bears N.24°30'W., 180 lks. dist., marked T 17 S R 21 E S 10 B T.

As there are no trees available in sec. 14, I deposit a stone marked with a cross (X), in the hole beside the post.

Land; steep and rough mountains, draining SW.; broken ledges of light colored sandstone and outcroppings of shale; general N. and S. exposure.

Soil; light sandy loam and a dark loam, about 1 to 4 ft. deep, lying on bedrock, on the slopes and in the bottoms of ravines and canyons; soil shallow on the rough portions.

Timber; cedar, spruce, mahogany, aspen, pinon and yellow pine.

Undergrowth; sagebrush, service berry bushes, oak and buck brush.

Good grazing of grass and browse on greater portion of mile.

N.89°43'E. on a random line bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

79.60 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence,

S.89°46'W. on a true line bet. secs. 11 and 14.

Asc. 440 ft. over E. slope, through dense sagebrush, oak

Subdivision of T. 17 S., R. 21 E.

Chains.	
	and buck brush.
14.10	Enter scattering pinon pine timber, bears N. and S.
23.10	Spur, projects N.; desc. 95 ft.
24.90	Draw, course NW.; asc. 45 ft. to
39.80	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: $\frac{1}{4}\frac{S\ 11}{S\ 14}$ 1921 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., as there are no trees available suitable for marking.
45.10	Spur, 10 ft. above ¼ sec. cor., projects NW. approximately 20.00 chs. dist.; desc. 45 ft.
54.20	Head of ravine, course N.30°E.; asc. 50 ft.
68.50	Steer Ridge, bears NW. and SE.; desc. 140 ft.
79.10	Head of ravine, course S.10°W.; asc. 10 ft. to
79.60	The cor. of secs. 10, 11, 14 and 15.
	Land; rolling mountainous; outcroppings of shale and light colored sandstone formation; E. 68.50 chs. drain NE. to Ten Mile Canyon; drainage SW. to East Willow Creek, W. 11.10 chs.
	Soil; light sandy loam, about 1 to 4 ft. deep, lying on a light clay subsoil or on bedrock.
	Timber; sparse growth of pinon pine.
	Undergrowth; sagebrush, oak and buck brush and a scattering growth of service berry bushes.
	Excellent growth of grass.
	N.0°01'W. bet. secs. 10 and 11.
	Asc. 55 ft. over SE. slope, through scattering pinon pine, and a medium growth of sagebrush, oak and buck brush.
10.00	Steer ridge, bears SE. and SW.; leave timber, bears N. and S.; desc. 60 ft.
19.10	Head of draw, course W. about 5.00 chs. dist.; asc. 15 ft.

Chains.	
30.00	Spur, projects W. about 6.00 chs. dist.; desc. 55 ft. to ¼ sec. cor.
39.00	Enter scattering pinon pine timber, bears NE. and SW.
40.00	On a W. slope, set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and surrounded by a mound of stone for ¼ sec. cor., with brass cap mkd: ¼ S 10 | S 11 1921 from which, A pinon pine, 12 ins. diam., bears S.22°15'E., 8 lks. dist., marked ¼ S 11 B T. A pinon pine, 5 ins. diam., bears S.88°W., 190 lks. dist., marked ¼ S 10 B T.
43.90	Draw, 20 ft. below ¼ sec. cor., course W.; asc. gradually 10 ft.
63.90	Spur, projects NW.; leave sagebrush and enter dense oak and buck brush, bear NW. and SE.; desc. 210 ft.
64.20	Enter a medium growth of cedar, spruce, mahogany and yellow pine timber, bears NW. and SE.
72.40	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course NW.; from this station a small spring bears SE. approximately 4.00 chs. dist.; asc. 50 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone for cor. of secs. 2, 3, 10 and 11, with brass cap mkd: T17S | R21E S3 | S2 S10 | S11 1921 from which, A pinon pine, 12 ins. diam., bears N.21°E., 45 lks. dist., marked T 17 S R 21 E S 2 B T. A pinon pine, 14 ins. diam., bears S.65°15'E., 70 lks. dist., marked T 17 S R 21 E S 11 B T.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	A pinon pine, 14 ins. diam., bears S.56°W., 65. lks. dist., marked T 17 S R. 21 E. S 10 B T.
	A pinon pine limb, 10 ins. diam., bears N.56°30'W. 69. lks. dist., marked T 17 S R 21 E S 3 B T.
	Land; mountainous with outcroppings of shale and light colored sandstone formation; western exposure and drainage, N. 70.00 chs., drainage and exposure S., S. 10.00 chs.
	Soil; light sandy loam, rocky on surface, varying in depth from a few ins. to about 3 ft., lying on a clay subsoil or on bedrock.
	Timber; cedar, spruce, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush, oak and buck brush.
	Good grazing S. 63.90 chs.
	N.89°46'E. on a random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect N. and S. line, 12 lks. N. of the cor. of secs 1, 2, 11 and 12.
	Thence,
	S.89°51'W. on a true line bet. secs. 2 and 11.
	Desc. 110 ft. over NW. slope, through scattering cedar, spruce and pinon pine timber, and dense sagebrush, oak and buck brush.
6.50	Draw, course N.10°E.; leave timber, bears N. and S.; asc. 125 ft.
16.10	Spur, projects N. approximately 40.00 chs. dist.; desc. 345 ft.
36.00	Ravine, course N.; asc. 55 ft. to
39.88	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

$$\frac{1}{4}\,\frac{S\ 2}{S\ 11}\ 1921$$

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

53.00	Spur, 305 ft. above ¼ sec. cor., projects N.; desc. 95 ft.

Subdivision of T. 17 S., R. 21 E.

Chains.	
66.80	Draw, course N.15°W.; asc. 60 ft.
73.50	Spur, projects N. approximately 12.00 chs. dist.; desc. 135 ft. to sec. cor.
75.50	Enter heavy cedar and pinon pine timber, bears N. and S.; undergrowth becomes more scattering; descent becomes abrupt, changing from N. and S. to NW. and SE.
79.76	The cor. of secs. 2, 3, 10 and 11.
	Land; abrupt slopes of draws, ravines and canyons, with outcroppings of light colored sandstone and shale; drainage NE., E. 53.00 chs.; W. 26.76 chs. drains NW.; E. and W. exposure.
	Soil; light sandy loam, about 1 to 3 ft. deep, lying on a light colored clay subsoil or on bedrock.
	Timber; cedar, spruce and pinon pine.
	Undergrowth; sagebrush, oak and buck brush.
	Good grazing, E. 75.50 chs.
	N.0°01'W. on a true line bet. secs. 2 and 3.
	Asc. gradually 15 ft. along SW. slope, through heavy cedar and pinon pine timber, and scattering undergrowth of young mahogany, oak and buck brush.
9.50	Spur, projects NW. about 10.00 chs. dist.; leave heavy timber and enter scattering, bears NW. and SE.; desc. 570 ft.
9.70	Enter dense undergrowth, bears NW. and SE.
25.90	Leave cedar and pinon pine timber and enter heavy spruce, balsam and yellow pine timber, bear NW. and SE.; undergrowth becomes scattering.
29.00	Ravine, course N.30°W.; asc. 25 ft.
31.00	Spur, projects W. about 3.00 chs. dist.; desc. 110 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 3 | S 2

1921

Subdivision of T. 17 S., R. 21 E.

Chains.	
	from which,
	A spruce, 12 ins. diam., bears N.13°E., 64 lks. dist., marked ¼ S 2 B T.
	A spruce, 5 ins. diam., bears S.18°30'W., 27 lks. dist., marked ¼ S 3 B T.
41.40	Perpendicular ledge, 30 ft. high, bears NE. and SW.
42.80	Leave timber, bears N.10°E. and S.10°W.
43.00	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, 90 ft. below ¼ sec. cor., course N.10°E.; asc. gradually 75 ft. along abrupt SE. slope, over series of broken sandstone ledges.
43.50	Enter a medium growth of spruce, cedar, mahogany, pinon and yellow pine timber, bears NE. and SW.; undergrowth becomes dense, bearing NE. and SW.
63.50	Leave medium growth of timber and enter scattering, bears NE. and SW.
69.30	Perpendicular ledge, 30 ft. high, bears N.10°E. and S.10°W.
70.00	Leave timber, bears E. and W., on top of spur, projecting E. about 6.00 chs. dist.; desc. abruptly 120 ft. to closing cor.
70.20	Enter a medium growth of sagebrush, bears E. and W.
74.18	Intersect the S. bdy. of T. 16 S., R. 21 E., 25.32 chs. E. of the cor. of secs. 2, 3, 34 and 35, which is an iron post, 2 ins. in diam., extending 24 ins. above ground, firmly set in a mound of stone, correctly marked and witnessed as described by the Surveyor General. This cor. now refers to secs. in T. 16 S. only therefore I destroy the markings on the monument and bearing trees pertaining to secs. in T. 17 S. And at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and surrounded by a mound of stone for closing cor. of secs. 2 and 3, with brass cap mkd:

Subdivision of T. 17 S., R. 21 E.

Chains.

T16S R21E
S35
S3 | S2.
T17S | R21E
CC
1921

and deposit a stone marked with a cross (X), in the hole beside the post, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Land; abrupt slopes of a fork of Ten Mile Canyon with general drainage NE.; outcroppings of shale and broken ledges of light colored sandstone.

Soil; light sandy loam and a dark loam, varying in depth from a few ins. to about 3 ft., lying on bedrock, on the slopes; soil several ft. deep in the bottoms of draws and ravines; shallow red sand on the rough portions.

Timber; cedar, spruce, balsam, mahogany, pinon and yellow pine.

Undergrowth; oak and buck brush, young mahogany and sagebrush.

Good grazing of grass and browse, S. 43.00 chs.

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.

Asc. 15 ft. over SE. slope, through scattering cedar, spruce, mahogany, pinon and yellow pine timber, and dense sagebrush, young mahogany and oak brush.

3.60 Ridge, bears N.20°E. and S.20°W.; desc. 725 ft. to ¼ sec. cor.

27.80 Enter a medium growth of timber, bears NE. and SW.

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

¼
S 33 | S 34
1921

from which,

Subdivision of T. 17 S., R. 21 E.

Chains.	
	A yellow pine, 10 ins. diam., bears N.2°45'E., 106 lks. dist., marked ¼ S 34 B T.
	A spruce, 8 ins. diam., bears N.4°30'W., 101 lks. dist., marked ¼ S 33 B T.
45.00	Leave timber and undergrowth, bear NE. and SW., at the base of descent, bearing NE. and SW., 155 ft. below ¼ sec. cor.; over nearly level bottom of Dry Fork Canyon.
45.60	Dry wash, 50 lks. wide, 5 ft. deep, course NE.
52.00	Dry wash, 40 lks. wide, 6 ft. deep, course E.; enter dense undergrowth of oak and buck brush, bears E. and W.
52.20	Leave bottom of canyon, begin abrupt ascent of 180 ft. over outcroppings and broken ledges, bearing NW. and SE., along SW. slope.
52.50	Enter a medium growth of spruce and yellow pine timber, bears NW. and SE.
54.30	Perpendicular ledge, 30 ft. high, bears NE. and W.
60.00	Spur, projects S.70°E. about 10.00 chs. dist.; desc. abruptly 140 ft. over outcroppings.
65.60	Ravine, course SE.; enter a medium growth of cedar and pinon pine timber, bears NW. and SE.; asc. abruptly 285 ft. over outcroppings to sec. cor.
77.80	Perpendicular ledge, 30 ft. high, bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 27, 28, 33 and 34, with brass cap mkd:

T17S	R21E
S28	S27
S33	S34

1921

from which,

A pinon pine, 14 ins. diam., bears N.9°30'E., 73 lks. dist., marked T 17 S R 21 E S 27 B T.

A pinon pine, 10 ins. diam., bears S.75°E., 27 lks. dist., marked T 17 S R 21 E S 34 B T.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	A pinon pine, 18 ins. diam., bears S.87°W., 53 lks. dist., marked T 17 S R 21 E S 33 B T.
	A pinon pine, 12 ins. diam., bears N.19°30'W., 33 lks. dist., marked T 17 S R 21 E S 28 B T.
	Land; abrupt sides of Little Creek and Dry Fork Canyons, draining generally to the NE.; light colored sandstone formation.
	Soil; light sandy loam about 1 ft. deep in places on sides of canyons; dark loam several ft. deep in the bottom of Dry Fork Canyon.
	Timber; cedar, spruce, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush, young mahogany, oak and buck brush.
	Good growth of grass and browse.
	East on a random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect N. and S. line, 8 lks. N. of the cor. of secs. 26, 27, 34 and 35.
	Thence,
	N.89°57'W. on a true line bet. secs. 27 and 34.
	Desc. abrupt SW. slope 165 ft., over broken ledges, 10 to 20 ft. high, bearing N. and S., through a medium growth of cedar, spruce and pinon pine timber, and scattering oak brush.
3.00	Leave timber and undergrowth, bear N. and S., at the base of abrupt descent, bearing N. and S.; over nearly level bottom of East Willow Creek Canyon, through scattering white sagebrush.
6.50	East Willow Creek, muddy water, 6 lks. wide, 6 ins. deep, in wash, 30 lks. wide, 4 ft. deep, course N.20°W.
8.00	Leave bottom of canyon; begin abrupt ascent of 585 ft. over E. slope with series of broken ledges and outcroppings, bearing N. and S.
8.20	Enter dense oak and buck brush, bears N. and S.

Chains.	
8.50	Enter a medium growth of spruce, aspen and yellow pine timber, bears N. and S.
23.50	Ridge, bears N. and S.; desc. abruptly 640 ft. over broken ledges and outcroppings, bearing N. and S., to
39.97	Leave timber and undergrowth, bear NE. and SW.; at the base of abrupt descent, bearing NE. and SW., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 27 / S 34 / 1921
	from which,
	An aspen, 8 ins. diam., bears N.71°E., 10 lks. dist., marked ¼ S 27 B T.
	An aspen, 8 ins. diam., bears S.23°30'E., 43 lks. dist., marked ¼ S 34 B T.
	Over nearly level bottom of Little Creek Canyon, through a medium growth of white sagebrush, from this cor.
41.50	Little Creek, clear water, 6 lks. wide, 4 ins. deep, in wash, 30 lks. wide, 3 ft. deep, course NE.
46.00	Leave sagebrush and bottom of canyon, bear NW. and SE.; begin abrupt ascent of 265 ft. over series of broken ledges and outcroppings, bearing NW. and SE.
46.20	Enter dense undergrowth of young mahogany, service berry bushes, oak and buck brush, bears NW. and SE.
46.50	Enter a medium growth of spruce timber, bears NW. and SE.
49.30	Perpendicular ledge, 40 ft. high, bears NE. and SW.
49.50	Enter a medium growth of cedar, mahogany, pinon and yellow pine timber, bears NW. and SE.
55.00	Spur, projects S.80°E. approximately 10.00 chs. dist.; desc. gradually 15 ft. over outcroppings to sec. cor.
69.20	Perpendicular ledge, 30 ft. high, beans NE. and SW.
79.94	The cor. of secs. 27, 28, 33 and 34.
	Land; abrupt sides of East Willow Creek, Little Creek and Dry Fork Canyons; Light colored sandstone formaion; E. 23.50 chs. drains NW., and the remainder of

Chains.	
	mile drains generally to the NE.; E. and W. exposure.
	Soil; light sandy loam, shallow on the sides of canyons, and several ft. deep in canyon bottoms; black loam several ft. deep in the bottom of East Willow Creek Canyon.
	Timber; cedar, spruce, mahogany, aspen, pinon and yellow pine.
	Undergrowth; sagebrush, young mahogany, service berry bushes, oak and buck brush.
	Good growth of grass and browse.

	N.0°02'W. bet. secs. 27 and 28.
	Asc. abrupt SW. slope 175 ft., over outcroppings, through a medium growth of spruce, cedar, mahogany and pinon pine timber, and scattering oak and buck brush.
4.20	Spur, projects S.80°E.; enter dense undergrowth, bears E. and W.; timber becomes scattering, bearing E. and W.; desc. abruptly 150 ft.
4.28	Standifird's log cabin bears N.75°23'E., from this station.
14.50	Ravine, course N.80°E.; dense growth of aspen timber along bottom of ravine; asc. 50 ft.
25.00	Spur, projects E. about 8.00 chs. dist.; desc. 35 ft.
35.20	Draw, course S.80°E.; dense aspen timber along bottom of draw; asc. 80 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 28 | S 27 1921
	from which,
	An oak, 3 ins. diam., bears S.59°E., 37 lks. dist., marked B T.
	An oak, 3 ins. diam., bears S.40°45'W., 33 lks. dist., marked B T.
52.70	Spur, 245 ft. above ¼ sec. cor., projects S.70°E.; desc. 200 ft.

Subdivision of T. 17 S., R. 21 E.

Chains.	
64.20	Ravine, course S.70°E.; dense aspen timber along bottom of ravine; asc. 210 ft.
75.50	Ridge, bears NE. and SW.; desc. 55 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 21, 22, 27 and 28, with brass cap mkd:

T17S	R21E
S21	S22
S28	S27

1921

There are no trees available; therefore I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; abrupt and rough mountains with outcroppings of light colored sandstone; general drainage SE., S. 75.50 chs., NE., N. 4.50 chs.

Soil; light sandy loam, rocky on surface, varying in depth from about 8 ins. to 3 ft. lying on bedrock.

Timber; cedar, pinon pine, spruce, mahogany, aspen and oak.

Undergrowth; oak and buck brush.

Excellent grazing of grass and browse.

S.89°57'E. on a random line bet. secs. 22 and 27.

40.00	Set temp. ½ sec. cor.
79.90	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence,

N.89°58'W. on a true line bet. secs. 22 and 27.

Desc. abruptly 875 ft. along S. slope, over series of broken ledges and outcroppings, 10 to 30 ft. high, bearing northwesterly and southeasterly, through heavy cedar, spruce, mahogany, pinon and yellow pine timber, and scattering oak and buck brush.

25.00	Leave ledges, timber and undergrowth, bear northwesterly and southeasterly, at the base of abrupt descent, bearing northwesterly and southeasterly; desc. gradually 25 ft. along the bottom of ravine, draining W., through

Subdivision of T. 17 S., R. 21 E.

Chains.	
	dense white sagebrush, bearing NW. and SE.
35.30	Creek of muddy water, 6 lks. wide, 6 ins. deep, in wash, 25 lks. wide, 6 ft. deep, in the bottom of East Willow Creek Canyon, course N.; asc. gradually 20 ft.
37.80	Leave white sagebrush and bottom of canyon, bear N. and S.; begin abrupt ascent of 100 ft. to ¼ sec. cor., over rough NE. slope, through scattering aspen, spruce, yellow pine and mahogany timber, and undergrowth of young mahogany, oak and buck brush, bearing N. and S.
39.95	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: $\frac{1}{4}\frac{S\ 22}{S\ 27}$ 1921 from which, A yellow pine, 30 ins. diam., bears N.73°15'E., 40 lks. dist., marked ¼ S 22 B T. An aspen, 5 ins. diam., bears S.53°30'E., 61 lks. dist., marked ¼ S 27 B T.
	From this cor. asc. abruptly 795 ft. over broken ledges and outcroppings, bearing NW. and SE.
41.00	Enter heavy timber, bears NW. and SE.
51.90	Leave heavy timber and enter scattering, bears NW. and SE.; enter dense undergrowth, bears NW. and SE.
66.00	Spur, projects SE. approximately 30.00 chs. dist.; leave ledges, bears NW. and SE.; desc. 15 ft.
68.60	Draw, course SE.; enter scattering cedar and pinon pine timber, bears NW. and SE.; asc. 170 ft.
77.10	Ridge, bears NE. and SW.; enter a medium growth of sagebrush, bears NE. and SW.; desc. 15 ft. to
79.90	The cor. of secs. 21, 22, 27 and 28.
	Land; abrupt and rough sides of East Willow Creek Canyon, E. 77.10 chs.; mountainous, W. 2.80 chs.; light colored sandstone formation; general drainage N.
	Soil; red sand and light sandy loam, shallow on the sides of East Willow Creek Canyon; dark loam several ft. deep in the canyon bottom.

Chains.	
	Timber; cedar, spruce, aspen, mahogany, pinon and yellow pine.
	Undergrowth; oak and buck brush, white sagebrush and young mahogany.
	Fair grazing on portions of mile.
	N.0°02'W. bet. secs. 21 and 22.
	Desc. 85 ft. over NW. slope, through dense sagebrush, oak and buck brush.
4.80	Head of ravine, course N.20°E.; heavy aspen timber along bottom of ravine; asc. gradually 20 ft.
18.30	Enter a medium growth of aspen timber, bears E. and W.; leave undergrowth.
22.70	Leave timber, bears NE. and W., and enter dense undergrowth of oak and buck brush, bears E. and W.
24.00	Top of ascent, bears NW. and SW.; desc. 340 ft.
36.60	Draw, course E.; enter a medium growth of cedar and spruce timber, bears E. and W.; asc. 55 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 21 | S 22

1921

from which,

A cedar, 10 ins. diam., bears N.20°30'E., 61 lks. dist., marked ¼ S 22 B T.

A cedar, 7 ins. diam., bears N.8°30'W., 42 lks. dist., marked ¼ S 21 B T.

45.70	Spur, 10 ft. above ¼ sec. cor., projects E. about 5.00 chs. dist.; desc. 85 ft.
49.60	Draw, course E.; asc. 135 ft.
58.50	Spur, projects N.80°E. approximately 30.00 chs. dist.; desc. abruptly 745 ft.
60.00	Enter heavy aspen and spruce timber, bears NE. and SW.; undergrowth becomes scattering, bearing NE. and SW.

Subdivision of T. 17 S., R. 21 E.

Chains.	
76.00	Ravine, course NE.; leave heavy timber and continue through a medium growth of aspen timber, and oak brush and young aspen undergrowth, bear NE. and SW.; asc. 170 ft. to sec. cor.
77.30	Perpendicular ledge, 70 ft. high, bears N.20°W. and S.20°E.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap mkd:

T17S	R21E
S16	S15
S21	S22

1921

from which,

An aspen, 5 ins. diam., bears N.0°15'E., 86 lks. dist., marked T 17 S R 21 E S 15 B T.

An aspen, 4 ins. diam., bears S.76°30'E., 4 lks. dist., marked T 17 S R 21 E S 22 B T.

An aspen, 4 ins. diam., bears S.13°15'W., 46 lks. dist., marked T 17 S R 21 E S 21 B T.

An aspen, 4 ins. diam., bears N.40°W., 7 lks. dist., marked T 17 S R 21 E S 16 B T.

Land; line runs along the abrupt E. slope of ridge with general drainage NE.; outcroppings of light colored sandstone formation.

Soil; light sandy loam, about 1 to 3 ft. deep, lying on bedrock, on slopes; deeper dark loam in the bottoms of draws and ravines and in timber.

Timber; aspen, spruce and cedar; few pinon and yellow pine.

Undergrowth; sagebrush, young aspen, oak and buck brush.

Excellent grazing of grass and browse.

S.89°58'E. on a random line bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

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

Thence,

N.89°48'W. on a true line bet. secs. 15 and 22.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	Desc. 10 ft. over NW. slope, through heavy spruce, cedar mahogany, pinon and yellow pine timber, and scattering young mahogany, oak and buck brush.
0.50	Draw, course S.20°W.; asc. abruptly 290 ft. over outcroppings and ledges, 5 to 15 ft. high, bearing NE. and SW.
16.90	Spur, projects SW. approximately 30.00 chs. dist.; desc. abruptly 895 ft. over outcroppings and broken ledges, 5 to 30 ft. high, bearing NW. and SE.
34.70	Top of sloping ledge, 30 ft. high, bears NW. and SE.
39.87	On a rough NW. slope, 505 ft. below top of spur, set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd.: ¼ S 15 / S 22 1921 from which, A cedar, 8 ins. diam., bears N.26°E., 16 lks. dist., marked ¼ S 15 B. T. A spruce, 24 ins. diam., bears S.33°45'E., 18 lks. dist., marked ¼ S 22 B. T.
52.30	Leave ledges, timber and undergrowth, bear NE. and SW., at the base of abrupt descent, bearing NE. and SW.; over nearly level bottom of East Willow Creek Canyon, through dense sagebrush.
52.70	Dry wash, 30 lks. wide, 4 ft. deep, at the mouth of canyon, course SW.
72.30	East Willow Creek, muddy water, 8 lks. wide, 6 ins. deep, in wash, 80 lks. wide, 10 ft. deep, course NW.
~~76.50~~	~~Leave sagebrush and bottom of canyon, bear NW. and SE.;~~ begin abrupt ascent of 40 ft. over SE. slope, through a medium growth of aspen timber, oak and aspen undergrowth, bearing NE. and SW.
79.74	The cor. of secs. 15, 16, 21 and 22.
	Land; abrupt and rough sides of canyons and ravines; bottom land, 24.20 chs.; E. 16.90 chs. drains SW.,

Chains.	
	remainder of mile drains generally to the NW.; light and red colored sandstone formation.
	Soil; shallow red sand on the rough portions; dark loam several ft. deep on the bottom land; light sandy loam, about 18 ins. deep, lying on bedrock, on the remainder of mile.
	Timber; cedar, spruce, mahogany, aspen, pinon and yellow pine.
	Undergrowth; sagebrush, young mahogany and aspen, oak and buck brush.
	Good grazing on the bottom land, and W. 3.24 chs.

	N.0°02'W. bet. secs. 15 and 16.
	Asc. 5 ft. over SE. slope, through a medium growth of aspen timber, oak and aspen undergrowth.
0.70	Spur, projects NE. about 1.50 chs. dist.; leave timber and aspen undergrowth, bear NE. and SW.; desc. abruptly 30 ft.
2.10	Base of abrupt descent, bears NE. and SW.; leave oak brush and enter dense sagebrush and rabbit brush, bear E. and W.; over nearly level bottom of East Willow Creek Canyon.
4.70	East Willow Creek, muddy water, 8 lks. wide, 6 ins. deep, in wash, 60 lks. wide, 10 ft. deep, course W.
15.00	Leave undergrowth and bottom of canyon, bear E. and W.; asc. abrupt SE. slope over series of broken and perpendicular ledges, 10 to 15 ft. high, bearing NE. and SW.
15.30	Enter a medium growth of cedar, spruce, balsam, pinon pine and mahogany timber, bears NE. and SW.
15.70	Enter a medium growth of service berry bushes, oak and buck brush, bears NE. and SW.
28.00	Spur, 255 ft. above bottom of canyon, projects SW. about 15.00 chs. dist.; desc. 60 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

Subdivision of T. 17 S., R. 21 E.

Chains.	
	$\frac{1}{4}$ S 16 | S 15 1921
	from which,
	A balsam, 5 ins. diam., bears S.69°E., 22 lks. dist., marked $\frac{1}{4}$ S 15 B T.
	A balsam, 5 ins. diam., bears N.87°W., 27 lks. dist., marked $\frac{1}{4}$ S 16 B T.
41.30	Draw, 5 ft. below $\frac{1}{4}$ sec. cor., course W.; asc. 175 ft.
42.50	Perpendicular ledge, 15 ft. high, bears E. and W.
50.00	Spur, projects S.60°W. about 5.00 chs. dist.; desc. 10 f
50.40	Leave medium growth of timber, and enter scattering ceda and pinon pine timber, bear E. and W.
56.70	Ravine, course S.60°W. about 5.00 chs. dist., thence S.; asc. abruptly 130 ft.
60.70	Leave ledges, bear N.60°E. and S.60°W., on top of spur, projecting S.20°W. about 3.00 chs. dist.; enter a medium growth of sagebrush, bears NE. and SW.; asc. gradually 270 ft. along NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 9, 10, 15 and 16, with brass cap mkd:

T17S	R21E
S9	S10
S16	S15

1921.

from which,

A pinon pine, 12 ins. diam., bears N.82°15'E., 135 lks. dist., marked T 17 S R 21 E S 10 B T.

A pinon pine, 12 ins. diam., bears S.61°15'E., 196 lks. dist., marked T 17 S R 21 E S 15 B T.

A pinon pine, 8 ins. diam., bears S.15°W., 260 lks. dist., marked T.17 S R 21 E S 16 B T.

A cedar, 6 ins. diam., bears N.33°45'W., 162 lks. dist., marked T 17 S R 21 E S 9 B T.

Land; abrupt and rough sides of East Willow Creek Canyon; light colored sandstone formation; general drainage W.

Soil; shallow red sand on the rough portions; sandy loam several ft. deep in canyon bottom.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	Timber; cedar, spruce, pinon pine, mahogany and balsam.
	Undergrowth; sagebrush, rabbit brush, service berry bushes, oak and buck brush.
	Fair grazing on portions of mile.

	S.89°48'E. on a random line bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
79.68	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14 and 15.
	Thence,
	N.89°49'W. on a true line bet. secs. 10 and 15.
	Asc. E. slope 35 ft., through scattering cedar and pinon pine timber, and dense sagebrush, oak and buck brush.
3.50	Spur, projects S. approximately 10.00 chs. dist.; desc. 30 ft.
8.80	Head of draw, course S.; asc. 35 ft.
10.00	Steer Ridge, bears NE. and N.80°W.; desc. 15 ft.
38.10	Head of ravine, course S.; asc. 15 ft. to
39.84	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 10 / S 15 1921
	from which,
	A pinon pine, 14 ins. diam., bears N.6°30'W., 234 lks. dist., marked ¼ S 10 B T.
	A cedar, 8 ins. diam., bears S.88°E., 185 lks. dist., marked ¼ S 15 B T.
53.50	Spur, 85 ft. above ¼ sec. cor., projects S.15°W.; desc. 255 ft.
66.70	Ravine, course S.15°W.; asc. 145 ft.
77.00	Spur, projects S.15°W.; desc. 35 ft. to
79.68	The cor. of secs. 9, 10, 15 and 16.
	Land; mountainous with a southern exposure and drainage; light colored sandstone formation.
	Soil; light sandy loam, varying in depth from about 8 ins. to 3 ft. deep, lying on a brown clay subsoil or

Chains.

on bedrock.

Timber; cedar and pinon pine.

Undergrowth; sagebrush, oak and buck brush.

Fair growth of grass and browse.

N.0°02'W. bet. secs. 9 and 10.

Asc. 40 ft. along the E. side of ravine, draining S., through dense sagebrush, oak and buck brush and scattering service berry bushes.

14.00 Steer Ridge, bears E. and W.; desc. 200 ft. to ¼ sec. cor., along the N. side of ravine, draining N.

40.00 On a W. slope, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 9 | S 10

1921

from which,

A pinon pine, 18 ins. diam., bears N.66°E., 255 lks. dist., marked ¼ S 10 B T.

A cedar, 10 ins. diam., bears N.65°30'W., 592 lks. dist., marked ¼ S 9 B T.

From this cor., continue gradual descent of 40 ft. along W. slope to sec. cor., through a scattering growth of cedar and pinon pine timber.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 3, 4, 9 and 10, with brass cap mkd:

T17S	R21E
S4	S3
S9	S10

1921

from which,

A pinon pine, 6 ins. diam., bears N.71°E., 101 lks. dist., marked T 17 S R 21 E S 3 B T.

A pinon pine, 8 ins. diam., bears S.25°15'E., 133 lks. dist., marked T 17 S R 21 E S 10 B T.

A cedar, 5 ins. diam., bears N.17°15'W., 268 lks. dist., marked T 17 S R 21 E S 4 B T.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	There is no tree available in sec. 9; therefore I deposit a stone marked with a cross (X), in the hole beside the post.
	Land; mountainous; shale and light colored sandstone formation; general drainage S., S. 14.00 chs.; N., N. 66.00 chs.; southern exposure, S. 14.00 chs.; general northern exposure, N. 66.00 chs.
	Soil; light sandy loam, rocky on surface, about 1 to 4 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; cedar and pinon pine.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Excellent grazing.
	S.89°49'E. on a random line bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
79.64	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 2, 3, 10 and 11.
	Thence,
	N.89°48'W. on a true line bet. secs. 3 and 10.
	Desc. abruptly 465 ft. over SW. slope, through heavy cedar and pinon pine timber, and scattering undergrowth of young mahogany, oak and buck brush.
6.60	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course NW.; enter heavy spruce, balsam, yellow pine and aspen timber, bears NW. and SE.; asc. 50 ft.
12.20	Spur, projects NW. about 2.00 chs. dist.; desc. 50 ft.
14.00	Ravine, course NW.; asc. 60 ft.
18.40	Spur, projects N. about 4.00 chs. dist.; desc. 60 ft.
25.20	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, course NE.; enter a medium growth of timber, bears NE. and SW.; asc. abruptly 610 ft.
25.40	Enter dense undergrowth of young mahogany, spruce, oak and buck brush, and scattering service berry bushes, bears NE. and SW.

Chains.	
37.60	Leave spruce and mahogany undergrowth and medium growth of timber, bear N. and S., at the top of abrupt ascent bearing N. and S.; enter scattering cedar and pinon pi timber; asc. gradually 5 ft. to
39.82	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S 3 / S 10 / 1921 from which, A cedar, 16 ins. diam., bears N.4°30'E., 599 lks. dist., marked ¼ S 3 B T. A pinon pine, 5 ins. diam., bears S.19°30'E., 121 lks. dist., marked ¼ S 10 B T.
52.70	Spur, 10 ft. above ¼ sec. cor., forks N.20°E. and N.20°W. desc. 215 ft.
62.70	Ravine, course NW.; asc. 150 ft.
69.20	Spur, projects NW. about 20.00 chs. dist.; desc. 225 ft. to sec. cor.
71.00	Top of broken ledge, 5 ft. high, bears N. and S.
79.64	The cor. of secs. 3, 4, 9 and 10.

Land; abrupt sides of ravines, draining NE., E. 52.70 chs rolling mountains with general drainage N., W. 26.94 chs.; outcroppings of shale and light colored sandstone.

Soil; dark loam, 1 to 3 ft. deep, lying on bedrock, E. 37.60 chs.; light sandy loam, rocky on surface, 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock, on remainder of mile.

Timber; cedar, pinon and yellow pine, spruce, aspen, balsam and mahogany.

Undergrowth; young mahogany, service berry bushes, young spruce, oak and buck brush.

Good grazing of grass and browse.

N.0°02'W. on a true line bet. secs. 3 and 4.

Desc. gradually along W. slope, through scattering cedar and pinon pine timber, and dense sagebrush, oak and

Chains.	
	buck brush.
23.40	Descent becomes abrupt, bearing NE. and SW.
32.00	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, 370 ft. below sec. cor., course N.15°E.; heavy aspen timber along creek; asc. abruptly over shale and sandstone outcroppings, bearing NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ ✓ S 4 | S 3 1921
	and deposit a stone marked with a cross (X), in the hole beside the post, as there are no trees available suitable for marking.
	This cor. is located 155 ft. above bottom of ravine.
50.00	Spur, 15 ft. above ¼ sec. cor., projects E. about 6.00 chs. dist.; desc. 100 ft. over outcroppings, bearing E. and W.
55.20	Draw, course E.; enter heavy cedar, spruce, balsam and pinon pine timber, bears E. and W.; asc. 150 ft. over outcroppings, bearing E. and W.
72.80	Spur, projects E. about 10.00 chs. dist.; desc. 15 ft. to
74.00	Intersect the S. bdy. of T. 16 S., R. 21 E., 25.46 chs. E. of the cor. of secs. 3, 4, 33 ✓ and 34, which is an iron post, 2 ins. in diam., extending 12 ins. above ground, firmly set, correctly marked and witnessed as described by the Surveyor General. As this cor. now refers to secs. in T. 16 S., only, I destroy the markings on the monument and on the bearing tree in sec. 3, pertaining to secs. in T. 17 S.; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for closing cor. of secs. 3 and 4, with brass cap mkd:

Subdivision of T. 17 S., R. 21 E.

Chains.	
	T16S R21E S34 S4 | S3 T17S | R21E CC 1921
	from which,
	A pinon pine, 8 ins. diam., bears S.12°45'E., 30 lks. dist., marked C C T 17 S R 21 E S 3 B T.
	A pinon pine, 6 ins. diam., bears S.40°45'W., 33 lks. dist., marked C C T 17 S R 21 E S 4 B T.
	Land; abrupt and rough sides of ravine with general drainage NE.; outcroppings of shale and light colored sandstone formation.
	Soil; light sandy loam, 1 to 3 ft. deep, lying on bed-rock, S. 32.00 chs.; very shallow red sand on W. side of ravine.
	Timber; cedar, pinon pine, aspen, spruce and balsam.
	Undergrowth; sagebrush, oak and buck brush.
	Good grazing S. 32.00 chs.

	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.
	Desc. 20 ft. over NE. slope, through scattering yellow pine timber, and dense sagebrush, oak and buck brush.
1.80	Enter a medium growth of aspen timber, bears NE. and SW.
6.00	Head of draw, course SE.; leave aspen timber, bears NW. and SE.; asc. 240 ft.
25.70	Ridge, bears N.30°E. and S.30°W.; from this station a spur, projects SE. about 25.00 chs. dist.; desc. 35 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 32 | S 33

1921

Subdivision of T. 17 S., R. 21 E.

Chains.	
	There are no trees available; therefore I deposit a stone marked with a cross (X), in the hole beside the post.
42.00	Enter heavy aspen, spruce and yellow pine timber, bears E. and W.; leave undergrowth.
61.20	Ravine, 345 ft. below ¼ sec. cor., course NW.; asc. 290 ft.
61.40	Leave timber and enter dense undergrowth, bear NW. and SE.
70.50	Spur, projects NW. approximately 12.00 chs. dist.; desc. 180 ft. to sec. cor.
73.50	Leave undergrowth and enter heavy aspen, and scattering spruce and yellow pine timber, bear NW. and SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 28, 29, 32 and 33, with brass cap mkd:

T17S	R21E
S29	S28
S32	S33

1921

from which,

An aspen, 5 ins. diam., bears N.10°30'E., 6 lks. dist., marked T 17 S R 21 E S 28 B T.

A spruce, 8 ins. diam., bears S.35°30'E., 32 lks. dist., marked T 17 S R 21 E S 33 B T.

An aspen, 5 ins. diam., bears S.60°30'W., 26 lks. dist., marked T 17 S R 21 E S 32 B T.

An aspen, 5 ins. diam., bears N.60°15'W., 16 lks. dist., marked T 17 S R 21 E S 29 B T.

Land; mountainous with outcroppings of light colored sandstone formation; drainage SE., S. 25.70 chs.; remainder of mile drains NW.

Soil; light sandy loam, 1 to 3 ft. deep, lying on bedrock.

Timber; aspen, spruce and yellow pine.

Undergrowth; sagebrush, oak and buck brush.

Good grazing of grass and browse.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	East on a random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect N. and S. line, 10 lks. S. of the cor. of secs 27, 28, 33 and 34.
	Thence,
	S.89°56'W. on a true line bet. secs. 28 and 33.
	Desc. 100 ft. along rough SW. slope, through a medium growth of cedar, spruce, mahogany and pinon pine timber and undergrowth of young mahogany, oak and buck brush.
25.00	Ravine, course S.70°E.; asc. 280 ft.
35.30	Leave medium growth of timber and enter heavy mahogany timber, bear N. and S.
38.20	Spur, projects S.60°E.; leave timber, bears N.60°W. and and S.60°E.; desc. 35 ft. to
39.95	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 28 / S 33 1921
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
47.00	Draw, 35 ft. below ¼ sec. cor., course SE.; asc. 195 ft.
55.90	Ridge, bears N. and S.; desc. 315 ft.
69.80	Draw, course NW.; heavy aspen timber along bottom of draw; asc. 15 ft.
73.00	Spur, projects N. about 6.00 chs. dist.; enter heavy aspen, spruce and yellow pine timber, bears N. and S.; desc. 90 ft. to sec. cor.
73.20	Leave undergrowth, bears N. and S.
79.80	The cor. of secs. 28, 29, 32 and 33.
	Land; steep mountains with outcroppings of light colored sandstone formation; southeastern exposure and drainage, E. 55.90 chs.; western exposure and drainage, W. 23.90 chs.
	Soil; light sandy loam, 1 to 3 ft. deep, lying on bedrock, on slopes; dark loam several ft. deep in the

Chains.	
	bottoms of draws and ravines.
	Timber; aspen, spruce, cedar, mahogany, pinon and yellow pine.
	Undergrowth; young mahogany, oak and buck brush.
	Fair growth of grass and browse.

	N.0°03'W. bet. secs. 28 and 29.
	Desc. 100 ft. over NE. slope, through heavy aspen, spruce and yellow pine timber.
8.20	Ravine, course N.60°W.; leave heavy timber and enter a medium growth of cedar, pinon pine and mahogany timber and undergrowth of oak and buck brush, bear N.60°W. and S.60°E.; asc. 410 ft. over rough SW. slope.
16.00	Spur, projects W. approximately 25.00 chs. dist.; leave medium growth of timber and enter scattering aspen and spruce timber, bear E. and W.; desc. 175 ft.
27.20	Ravine, course W.; asc. 180 ft.
37.00	Spur, projects W. approximately 15.00 chs. dist.; desc. 40 ft. to ¼ sec. cor.

38.30	Enter dense undergrowth, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ | S 29 | S 28 | 1921
	from which,
	A spruce, 24 ins. diam., bears N.45°E., 17 lks. dist., marked ¼ S 28 B T.
	A spruce, 14 ins. diam., bears S.12°W., 45 lks. dist., marked ¼ S 29 B T.
42.50	Ravine, 65 ft. below ¼ sec. cor., course W.; leave aspen timber and dense undergrowth, and enter heavy spruce, cedar, pinon pine and mahogany timber and scattering undergrowth, bear E. and W.; asc. 365 ft. to sec. cor.
58.00	Leave timber, bears NW. and SE., at the top of abrupt ascent, bearing E. and W.; enter dense sagebrush, bears

Subdivision of T. 17 S., R. 21 E.

Chains.	
	NW. and SE.; over gently rolling top of spur to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap mkd:

T17S	R21E
S20	S21
~~S29~~	~~S28~~

1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; abrupt sides of ravines with outcroppings of light colored sandstone, S. 58.00 chs.; rolling top of spur, N. 22.00 chs.; general western exposure and drainage.

Soil; light sandy loam, about 1 to 3 ft. deep, lying on bedrock, on slopes; deeper dark loam in heavy timber and in bottoms of ravines.

Timber; aspen, spruce, cedar, mahogany, pinon and yellow pine.

Undergrowth; sagebrush, oak and buck brush.

Fair grazing of grass and browse.

	N.89°56'E. on a random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	S.89°59'W. on a true line bet. secs. 21 and 28.
	Desc. 25 ft. over NW. slope, through dense sagebrush, oak and buck brush, and scattering service berry bushes.
1.90	Ravine, course NE.; asc. 200 ft.
13.70	Spur, projects N.; desc. 545 ft. to ¼ sec. cor.
24.30	Descent becomes abrupt, bearing N. and S.; enter scattering spruce and pinon pine timber, bears N. and S.
39.96	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:

Subdivision of T. 17 S., R. 21 E.

Chains.	
	$\frac{1}{4}$ S 21 / S 28 1921
	from which,
	A spruce, 16 ins. diam., bears N.55°W., 112 lks. dist., marked $\frac{1}{4}$ S 21 B T.
	A spruce, 14 ins. diam., bears S.70°45'W., 126 lks. dist., marked $\frac{1}{4}$ S 28 B T.
	From this cor. a spring bears southwesterly about 3.00 chs. dist.
43.60	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, 135 ft. below $\frac{1}{4}$ sec. cor., course N.15°E.; leave pinon pine timber and scattering aspen, balsam and yellow pine timber, bears N. and S.; asc. 255 ft.
49.40	Leave timber, bears NE. and SW.
59.90	Top of abrupt ascent, bears N. and S.; asc. gradually.
61.90	Spur, projects N. about 6.00 chs. dist.; desc. 30 ft.
65.40	Draw, course N.; asc. 175 ft. to
79.92	The cor. of secs. 20, 21, 28 and 29.
	Land; mountainous, outcroppings of shale and light colored sandstone formation; drainage NE., E. 13.70 chs.; W. 66.22 chs. drains generally to the N.
	Soil; light sandy loam, 1 to 2 ft. deep, lying on bedrock, on slopes; dark loam several ft. deep, in the bottoms of draws and ravines.
	Timber; aspen, spruce, balsam, pinon and yellow pine.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Fair grazing of grass and browse.

	N.0°03'W. bet. secs. 20 and 21.
	Over nearly level top of spur, through dense sagebrush and scattering oak brush.
4.80	Leave top of spur, bears NW. and SE.; begin abrupt descent of 465 ft. to $\frac{1}{4}$ sec. cor., over rough NE. slope.

Subdivision of T. 17 S., R. 21 E.

Chains.

5.00 Leave sagebrush and enter scattering spruce and balsam timber, and dense oak and buck brush, bear NW. and SE.

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

¼

S 20 | S 21

1921

from which,

A spruce, 20 ins. diam., bears N.48°45'E., 13 lks. dist., marked ¼ S 21 B T.

A spruce, 8 ins. diam., bears N.54°W., 30 lks. dist., marked ¼ S 20 B T.

40.20 Draw, 5 ft. below ¼ sec. cor., course E.; asc. 20 ft.

42.30 Top of ascent, bears NW. and SW.; desc. 630 ft.

63.20 Leave undergrowth and enter heavy spruce and balsam timber, bear E. and W.

72.60 Leave heavy timber and enter scattering, bears NW. and SE.

73.00 Enter dense oak and buck brush undergrowth, bears NW. and SE.

76.60 Draw, course E.; asc. 20 ft.

77.50 Leave undergrowth and enter heavy timber, bear E. and W., on top of spur, projecting E. about 5.00 chs. dist.; desc. 160 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 16, 17, 20 and 21, with brass cap mkd:

T17S	R21E
S17	S16
S20	S21

1921

from which,

A spruce, 14 ins. diam., bears N.62°E., 35 lks. dist., marked T 17 S R 21 E S 16 B T.

A spruce, 18 ins. diam., bears S.56°E., 44 lks. dist., marked T 17 S R 21 E S 21 B T.

An aspen, 5 ins. diam., bears S.35°W., 7 lks. dist., marked T 17 S R 21 E S 20 B T.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	An aspen, 5 ins. diam., bears N.50°30'W., 17 lks. dist., marked T 17 S R 21 E S 17 B T.
	Land; abrupt W. side of ravine with outcroppings of light colored sandstone formation, S. 77.50 chs.; steep N. slope, N. 2.50 chs.; drainage E., S. 77.50 chs., remainder of mile drains N.
	Soil; sandy loam, varying in depth from a few ins. to 3 ft., lying on bedrock.
	Timber; spruce, balsam and aspen; few scattering cedar and pinon pine.
	Undergrowth; sagebrush, oak and buck brush.
	Fair growth of grass and browse.
	N.89°59'E. on a random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect N. and S. line, 26 lks. N. of the cor. of secs. 15, 16, 21 and 22.
	Thence,
	N.89°50'W. on a true line bet. secs. 16 and 21.
	Asc. 15 ft. over SE. slope, through a medium growth of aspen timber, oak and aspen undergrowth.
1.20	Spur, projects NE.; leave medium growth of aspen timber and undergrowth, and enter a medium growth of spruce, balsam and scattering aspen and yellow pine timber, and scattering oak brush, bear NE. and SW.; asc. 135 ft. across the head of draw, draining NE.
9.80	Spur, projects N. about 5.00 chs. dist.; desc. 200 ft.
12.80	Ravine, course N.; asc. 225 ft.
29.70	Spur, projects N. about 4.00 chs. dist.; desc. 35 ft. to
39.92	On top of nearly perpendicular ledge, 40 ft. high, bearing N. and S., set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in a crevice and in a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 16 / S 21 1921

Chains.	
	from which,
	A balsam, 5 ins. diam., bears N.63°30'E., 56 lks. dist., marked ¼ S 16 B T.
	A balsam, 7 ins. diam., bears S.20°E., 23 lks. dist., marked ¼ S 21 B T.
44.40	Ravine, 195 ft. below ¼ sec. cor., course N.; asc. 150 ft
54.70	Spur, projects N. about 3.00 chs. dist.; desc. 50 ft.
72.00	Leave timber and undergrowth, and enter dense sagebrush, bear N. and S.
73.20	Ravine, course N.; asc. 95 ft. to sec. cor.
77.10	Leave sagebrush, and enter heavy timber and scattering oak brush, bear N. and S.
79.84	The cor. of secs. 16, 17, 20 and 21.
	Land; line runs along the abrupt S. side of East Willow Creek Canyon, over spurs, draws and ravines, putting to the N.; outcroppings of light colored sandstone formation.
	Soil; sandy loam, about 2 or 3 ft. deep, lying on bedrock, on slopes; dark loam several ft. deep in the bottoms of ravines.
	Timber; aspen, spruce, balsam and yellow pine.
	Undergrowth; sagebrush, oak brush and young aspen.
	Scattering growth of bunch grass.

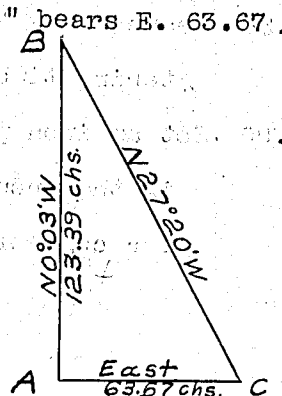
	N.0°03'W. bet. secs. 16 and 17.
	Desc. abrupt N. slope 110 ft., through heavy spruce, balsam and aspen timber, and scattering oak brush.
2.00	Leave timber and oak brush, and enter dense sagebrush, bear E. and W., at the base of abrupt descent, bearing E. and W.; over nearly level bottom of East Willow Creek Canyon.
4.90	East Willow Creek, muddy water, 8 lks. wide, 6 ins. deep, in wash, 100 lks. wide, 15 ft. deep, course W.
8.00	Leave sagebrush and bottom of canyon, and enter a medium growth of cedar, spruce, mahogany and pinon pine timber, and scattering oak and buck brush, bear E. and W.;

Subdivision of T. 17 S., R. 21 E.

Chains

asc. abrupt SE. slope, over series of broken and perpendicular ledges, 10 to 40 ft. high, bearing NE. and SW., which make chaining impracticable; therefore I make the following triangulation:

I designate the cor. of secs. 20, 21, 28 and 29, as point "A"; then set a flag "B" on line on N. side of East Willow Creek Canyon, which from an auxiliary flag "C", bears N.27°20'W. The base "AC" bears E. 63.67 chs. dist., and by separate measurement of each angle by deflection by three repetitions, they are found respectively 90°03', 62°40' and 27°17'; and their sum is equal to 180°00'.



Dist. by triangulation..... = 123.39 chs.
Dist. S.0°03'E. from flag "B" by direct measurement..... = 3.39 "
120.00 " .,

which is equal to the distance from the cor. of secs. 20, 21, 28 and 29 to the point for ¼ cor. of secs. 16 and 17. Or at

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:

¼
S 17 | S 16
1921

from which,

A pinon pine, 12 ins. diam., bears N.50°15'E., 44 lks. dist., marked ¼ S 16 B T.

A cedar, 14 ins. diam., bears S.64°30'W., 29 lks. dist., marked ¼ S 17 B T.

This cor. stands on a rugged SE. slope, 840 ft. above East Willow Creek.

Thence, by direct measurement from this cor.

48.00 Spur, 165 ft. above ¼ sec. cor., projects southwesterly approximately 40.00 chs. dist.; leave ledges, bear NE. and SW.; desc. 50 ft.

Subdivision of T. 17 S., R. 21 E.

Chains.	
48.20	Leave timber, and enter dense undergrowth of sagebrush, oak and buck brush, bear E. and W.
61.00	Seepage of water in wash, 40 lks. wide, 10 ft. deep, in the bottom of ravine, course S.10°W.; asc. 205 ft. to sec. cor.
62.80	Leave undergrowth and enter heavy cedar and pinon pine timber, bear NE. and SW.
66.30	Leave heavy timber, and enter dense undergrowth and scattering timber, bear NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 8, 9, 16 and 17, with brass cap mkd:

T17S	R21E
S8	S9
S17	S16

1921

from which,

An aspen, 5 ins. diam., bears S.48°45'E., 462 lks. dist., marked T 17 S R 21 E S 16 B T.

A pinon pine, 12 ins. diam., bears S.20°30'W., 484 lks. dist., marked T 17 S R 21 E S 17 B T.

There are no trees available in secs. 8 and 9; therefore I deposit a stone marked with a cross (X), in the hole beside the post.

Land; steep sides of East Willow Creek Canyon; ledges and outcroppings of light sandstone and shale formation; drainage N. to East Willow Creek, S. 4.90 chs.; remainder of mile drains generally to the S.

Soil; shallow red sand on the rough portions; light sandy loam, about 1 or 2 ft. deep, lying on bedrock, on slopes; sandy loam, several ft. deep in the bottom of East Willow Creek Canyon.

Timber; spruce, aspen, balsam, pinon pine and cedar.

Undergrowth; sagebrush, oak and buck brush.

Fair grazing, N. 32.00 chs.

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

40.00	Set temp. ¼ sec. cor.

Subdivision of T. 17 S., R. 21 E.

Chains.	
79.78	Intersect N. and S. line, 30 lks. S. of the cor. of secs. 9, 10, 15 and 16.
	Thence,
	S.89°57'W. on a true line bet. secs. 9 and 16.
	Desc. 280 ft. over NW. slope, through dense sagebrush, oak and buck brush, and scattering service berry bushes.
4.80	Ravine, course S.; asc. 325 ft.
14.80	Spur, projects S. approximately 60.00 chs. dist.; desc. 150 ft.
21.40	Head of ravine, course S.10°W.; asc. 210 ft. to ¼ sec. cor.
39.70	Enter scattering cedar and pinon pine timber, bears N. and S.
39.89	On an E. slope, set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 9 / S 16 1921
	from which,
	A pinon pine, 14 ins. diam., bears N.73°15'E., 193 lks. dist., marked ¼ S 9 B T.
	A cedar, 12 ins. diam., bears S.37°30'W., 510 lks. dist., marked ¼ S 16 B T.
43.10	Spur, 55 ft. above ¼ sec. cor., projects S. about 60.00 chs. dist.; desc. 210 ft.
63.00	Ravine, course S.15°W.; asc. 140 ft.
69.60	Spur, projects S.15°W.; leave timber, bears N. and S.; desc. 140 ft.
76.50	Seepage of water in the bottom of ravine, course S.15°W.; asc. 85 ft. to
79.78	The cor. of secs. 8, 9, 16 and 17.
	Land; mountainous, with outcroppings of shale and light colored sandstone formation; general southern exposure and drainage.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	Soil; light sandy loam, 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; cedar and pinon pine.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Good grazing of grass and browse.

	N.0°03'W. bet. secs. 8 and 9.
	Asc. 210 ft. along W. side of ravine, draining S., over outcroppings and through dense sagebrush, oak and buck brush, and scattering service berry bushes.
30.40	Steer Ridge, bears E. and W.; desc. 25 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 8 | S 9

1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

51.00	Ravine, 165 ft. below ¼ sec. cor., course N.15°E.; asc. gradually 15 ft.
71.60	Top of ascent, bears NW. and S.15°W.; desc. 100 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap mkd:

T17S | R21E

S5 | S4

S8 | S9

1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; mountainous, with outcroppings of shale and light colored sandstone formation; general drainage and exposure, S. 30.40 chs.; northern exposure and drainage, generally to the N., N. 49.60 chs.

Soil; sandy loam, varying in depth from a few ins. to about 3 ft., lying on a brown clay subsoil or on bedrock.

Chains.	
	Timber; a few scattering cedar and pinon pine.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Good grazing of grass and browse.

	N.89°57'E. on a random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.66	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	Thence,
	S.89°58'W. on a true line bet. secs. 4 and 9.
	Desc. W. slope 80 ft., through scattering cedar and pinon pine timber, and dense sagebrush, oak and buck brush.
5.30	Dry wash, 6 lks. wide, 6 ft. deep, in the bottom of ravine, course N.; asc. 425 ft.
27.00	Spur, projects N.; desc. 215 ft. to
39.83	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S 4 / S 9 / 1921
	As there are no trees available, I raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
40.30	Dry wash, 12 lks. wide, 10 ft. deep, in the bottom of ravine, 5 ft. below ¼ sec. cor., course N.10°E.; asc. 390 ft.
58.00	Spur, projects N.; desc. 280 ft.
77.70	Dry wash, 12 lks. wide, 8 ft. deep, in the bottom of a fork of Billie Brown Canyon, course N.10°W.; asc. 60 ft. to
79.66	The cor. of secs. 4, 5, 8 and 9.
	Land; rolling mountains with outcroppings of shale and light colored sandstone formation; drainage northeasterly, E. 58.00 chs.; remainder of mile drains northwesterly; E. and W. exposure.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	Soil; light sandy loam, 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; a few scattering cedar and pinon pine.
	Undergrowth; sagebrush, oak and buck brush.
	Fair growth of grass.
	N.0°03'W. on a true line bet. secs. 4 and 5.
	Desc. 75 ft. over NE. slope, through dense sagebrush, scattering oak and buck brush.
4.50	Dry wash, 12 lks. wide, 10 ft. deep, in the bottom of a fork of Billie Brown Canyon, course NW.; asc. gradually 65 ft. to ¼ sec. cor.
9.80	Enter scattering cedar and pinon pine timber, bears NW. and SE.
40.00	On a gradual W. slope, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S.5 | S 4 1921
	from which,
	A cedar, 10 ins. diam., bears S.68°15'E., 214 lks. dist., marked ¼ S 4 B T.
	A cedar, 6 ins. diam., bears S.48°45'W., 247 lks. dist., marked ¼ S 5 B T.
	Continue gradual ascent of 15 ft. along W. slope, from this ¼ sec. cor. to
74.00	Intersect the S. bdy. of T. 16 S., R. 21 E., 25.88 chs. E. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, 2 ins. in diam., extending 24 ins. above ground, firmly set in a mound of stone, correctly marked and witnessed on the W. by a mound of stone, as described by the Surveyor General. As this cor. now refers to secs. in T. 16 S., only, I destroy the markings on the iron post pertaining to secs. in T. 17 S., and change the position of the accessory W. of the cor. to a position N. of the monument; and at the

Subdivision of T. 17 S., R. 21 E.

Chains

point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock and in a mound of stone for closing cor. of secs. 4 and 5, with brass cap mkd:

T16S R21E
S33
S5 | S4
T17S | R21E
C C
1921

from which,

A pinon pine, 3 ins. diam., bears S.39°45'E., 208 lks. dist., marked B T.

A pinon pine, 3 ins. diam., bears S.48°W., 144 lks. dist., marked B T.

Land; gradual slopes of fork of Billie Brown Canyon, with outcroppings of shale and light colored sandstone formation; general drainage NW.; eastern exposure, S. 4.50 chs.; western exposure, N. 69.50 chs.

Soil; light sandy loam, rocky on surface, about 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock.

Timber; scattering cedar and pinon pine.

Undergrowth; sagebrush, oak and buck brush.

Fair growth of grass.

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

N.0°03'W. bet. secs. 31 and 32.

Asc. gradually 5 ft. over SE. slope, through dense sagebrush, oak and buck brush.

0.40 Spur, projects N.20°E. approximately 40.00 chs. dist.; desc. 690 ft.

26.40 Leave undergrowth and enter heavy aspen timber and young aspen undergrowth, bear NE. and SW.

38.50 Stream of clear water, 2 lks. wide, 1 in. deep, in the bottom of a fork of One Eye Canyon, course N.20°E.; asc. 35 ft. to ¼ sec. cor.

38.70 Leave aspen timber and undergrowth, and enter dense young mahogany, oak and buck brush, bear N.20°E. and S.20°W.

Subdivision of T. 17 S., R. 21 E.

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 31 | S 32

1921

from which,

An aspen, 5 ins. diam., bears N.34°E., 45 lks. dist., marked ¼ S 32 B T.

An oak, 3 ins. diam., bears S.57°15'W., 13 lks. dist., marked B T.

45.00 Ascent becomes more abrupt over shale and sandstone outcroppings, bearing NE. and SW.

46.50 Enter a medium growth of spruce, balsam, mahogany, pinon and yellow pine timber, bears NE. and SW.

53.00 Leave timber, bears NE. and SW., at the top of abrupt ascent, bearing NE. and SW.; asc. gradually.

65.10 Spur, 460 ft. above ¼ sec. cor., projects N.10°E.; enter dense sagebrush, bears NE. and SW.; desc. 70 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 29, 30, 31 and 32, with brass cap mkd:

T17S	R21E
S30	S29
S31	S32

1921

and deposit a stone marked with a cross (X), in the bottom of the hole at the base of the post; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land; abrupt slopes of forks of One Eye Canyon, with outcroppings of shale and sandstone formation; drainage NE.; NW. and SE. exposure.

Land; light sandy loam, about 1 to 3 ft. deep, lying on bedrock, on slopes; dark loam several ft. deep, in heavy timber and in bottoms of ravines.

Timber; aspen, spruce, balsam, mahogany, pinon and yellow pine.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	Undergrowth; sagebrush, young mahogany and aspen, oak and buck brush.
	Excellent grazing of grass and browse.
	East on a random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence,
	S.89°58'W. on a true line bet. secs. 29 and 32.
	Desc. 495 ft. over NE. slope, through heavy aspen, spruce and yellow pine timber.
7.90	Leave timber and enter dense oak and buck brush, bear NW. and SE.
17.90	Stream of clear water, 2 lks. wide; 2 ins. deep, in the bottom of a fork of One Eye Canyon, course N.; asc. abruptly 480 ft.
31.00	Spur, projects N. approximately 25.00 chs. dist.; desc. abruptly 225 ft. to ½ sec. cor.
39.20	Enter a medium growth of spruce, balsam and aspen timber, bears N. and S:
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:
	¼ S 29 / S 32 1921
	from which,
	A balsam, 5 ins. diam., bears N.5°E., 32 lks. dist., marked ¼ S 29 B T.
	A balsam, 12 ins. diam., bears S.6°30'W., 136 lks. dist., marked ¼ S 32 B T.
	Continue abrupt descent of 180 ft.
45.80	Stream of clear water, 2 lks. wide, 3 ins. deep, in the bottom of a fork of One Eye Canyon, course N.15°E.; heavy aspen timber along creek; asc. abruptly 895 ft. over shale and sandstone outcroppings, bearing NE. and SW.

Subdivision of T. 17 S., R. 21 E.

Chains.

45.90 Leave aspen timber and enter a medium growth of mahogany timber and undergrowth, and service berry bushes, bear NE. and SW.

71.80 Leave outcroppings, timber and mahogany undergrowth, and enter dense sagebrush; bear N. and S.

73.70 Spur, projects N.10°E.; desc. 75 ft. to

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

Land; abrupt sides of forks of One Eye Canyon, with outcroppings of shale and light colored sandstone formation; general drainage N.; E. and W. exposure.

Soil; light sandy loam, about 1 to 2 ft. deep, lying on bedrock, on slopes; shallow red sand on the rough portions; dark loam, 2 to 3 ft. deep, in the bottoms of forks of canyon, and in heavy timber.

Timber; aspen, spruce, balsam, mahogany, pinon and yellow pine.

Undergrowth; sagebrush, service berry bushes, young mahogany, oak and buck brush.

Fair growth of grass and browse.

West on a random line bet. secs. 30 and 31.

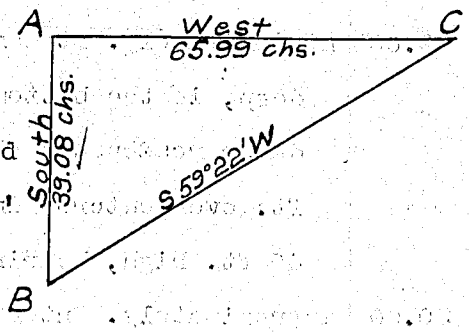
40.00 Set temp. ¼ sec. cor.

From this station, the line passes through dense tall undergrowth and heavy timber, and over the abrupt and rough E. side of She Canyon, making chaining impracticable; therefore I determine the distance as follows: I designate the 38.98 ch. point as point "C"; then set a flag "A" at the intersection of the random line with the retracement line on the W. bdy. of the Tp. (the flags "A" and "C" are identical respectively, with the flags "A" and "C" of the triangulation used in determining the distance of the retracement line bet. secs. 25 and 30, on the W. bdy. of the Tp.) From flag "C", flag "B" at station at 41.00 chs. on the retracement line bet. secs. 31 and 36, bears S.59°22'W; the base "AB" bears S. 39.08 chs. dist. All bearings are checked

Subdivision of T. 17 S., R. 21 E.

Chains.

by direct reading of the solar, and by separate measurement of each angle by deflection by three repetitions, they are found respectively 90°00', 30°38' and 59°22'; and their sum is equal to 180°00'.



Dist. by triangulation.....= 65.99 chs.
Dist. on random line.....= 38.98 "
104.97 "
Dist. E. by return measurement from "A"= 0.66 "
104.31 " ., or

104.31 Intersect the W. bdy. of the Tp., 8 lks. N.0°57'E. of the cor. of secs. 30 and 31, hereinbefore described.

Thence,

N.89°57'E. on a true line bet. secs. 30 and 31, by direct measurement.

Desc. abruptly 785 ft. over NE. slope, through scattering spruce, aspen and yellow pine timber, and dense young mahogany, oak and buck brush.

6.00 Leave dense undergrowth and enter scattering, bear N. and S.; top of series of broken and perpendicular ledges, 10 to 40 ft. high, bears N. and S.

6.30 Leave scattering timber and enter heavy spruce, balsam, pinon pine and aspen timber, bear N. and S.

15.50 Base of ledges, bear N. and S.

17.10 Leave timber and undergrowth, bear N. and S., at the base of abrupt descent, bearing N. and S.; over nearly level bottom of She Canyon.

17.80 W. side of wash, 15 ft. deep, bears N. and S.

18.70 She Creek, 15 lks. wide, 6 ins. deep, course N.

19.80 E. side of wash, bears N. and S.

21.90 Leave bottom of canyon and enter a medium growth of spruce, balsam and pinon pine timber, and dense young mahogany, oak and buck brush and scattering service berry bushes, bear N. and S.; begin abrupt ascent of 35 ft.

Chains.	
22.20	Approximately. Spur, projects SW. about 1.00 ch. dist.; desc. gradually 25 ft.
29.00	Approximately. Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of draw, from E., course S.80°W.; dense rosebushes along creek; asc. draw abruptly 1150 ft. over outcroppings and perpendicular ledges, 10 to 40 ft. high, bearing N. and S., to ¼ sec. cor.
30.00	Approximately. Enter heavy spruce, balsam, aspen, cedar, mahogany, pinon and yellow pine timber, bears N. and S.
64.31	On a steep W. slope, set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd: ¼ S 30 / S 31 1921 from which, A pinon pine, 12 ins. diam., bears N.71°15'W., 48 lks. dist., marked ¼ S 30 B T. A cedar, 6 ins. diam., bears S.40°15'W., 20 lks. dist., marked ¼ S 31 B T.
65.32	Triangulation flag "C"; leave ledges, bear N. and S.
68.80	Leave timber and dense undergrowth, and enter a medium growth of sagebrush, oak and buck brush, bear N. and S.
70.10	Ridge, 190 ft. above ¼ sec. cor., bears N. and S.; desc. 40 ft.
76.00	Draw, course N.; asc. 90 ft.
87.90	Spur, projects N. approximately 20.00 chs. dist.; desc. 155 ft.
100.40	Ravine, course N.; asc. 145 ft. to
104.31	The cor. of secs. 29, 30, 31 and 32.
	Land; abrupt sides of She Canyon, W. 70.10 chs.; rolling mountainous, E. 34.21 chs.; light colored sandstone formation; drainage N.
	Soil; shallow dark sandy loam on the sides of She Canyon;

Chains.	
	black loam several ft. deep, in the bottom of She Canyon; light sandy loam, about 1 to 3 ft. deep, on the rolling mountainous portions.
	Timber; aspen, spruce, balsam, mahogany, cedar, pinon and yellow pine.
	Undergrowth; young mahogany, sagebrush, service berry bushes, rosebushes, oak and buck brush.
	Good grazing in the bottom of She Canyon and on the rolling mountainous portions.

	N.0°03'W. bet. secs. 29 and 30.
	Desc. gradually 245 ft. along NW. slope, through scattering sagebrush and oak brush.
19.60	Base of descent, bears NW. and SW.; asc. gradually 10 ft.
28.90	Top of ascent, bears NE. and SE.; desc. abruptly 330 ft. to ¼ sec. cor.
30.00	Leave sagebrush and enter dense oak brush, bear NE. and SW.
32.50	Enter a medium growth of aspen, spruce and balsam timber, bears E. and W.
40.00	On a NW. slope, set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 30 | S 29

1921

from which,

A balsam, 6 ins. diam., bears N.30°E., 43 lks. dist., marked ¼ S 29 B T.

A balsam, 6 ins. diam., bears S.3°30'W., 50 lks. dist., marked ¼ S 30 B T.

52.20	Stream of clear water, 2 lks. wide, 1 in. deep, in the bottom of a fork of One Eye Canyon, 420 ft. below ¼ sec. cor., course N.30°E.; heavy aspen and birch timber, and dense rosebushes along creek; asc. 65 ft. along rough and abrupt SE. slope to sec. cor.

Chains.

52.40 Enter a medium growth of cedar, mahogany, pinon and yellow pine timber, and dense buck brush, young mahogany and scattering service berry bushes, bear NE. and and SW.

80.00 On an abrupt and rough E. slope, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 19, 20, 29 and 30, with brass cap mkd:

T17S	R21E
S19	S20
S30	S29

1921

from which,

A balsam, 8 ins. diam., bears N.27°45'E., 51 lks. dist., marked T 17 S R 21 E S 20 B T.

A balsam, 12 ins. diam., bears S.4°15'E., 146 lks. dist., marked T 17 S R 21 E S 29 B T.

A balsam, 18 ins. diam., bears S.59°15'W., 39 lks. dist., marked T 17 S R 21 E S 30 B T.

A yellow pine, 16 ins. diam., bears N.0°30'W., 22 lks. dist., marked T 17 S R 21 E S 19 B T.

Land; abrupt sides of a fork of One Eye Canyon; boulders, outcroppings and ledges of shale and light colored sandstone formation, N. 27.80 chs.; drainage NE.

Soil; sandy loam, varying in depth from a few ins. to 4 ft., lying on bedrock; shallow soil on the rough portions.

Timber; aspen, balsam, spruce, birch, cedar, mahogany, pinon and yellow pine.

Undergrowth; sagebrush, rosebushes, young mahogany, service berry bushes, oak and buck brush.

Good grazing of grass and browse.

N.89°58'E. on a random line bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line, 26 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence,

Chains.	
	N.89°51'W. on a true line bet. secs. 20 and 29.
	Desc. gradually 15 ft. along top of spur, projecting northwesterly, through dense sagebrush and scattering oak brush.
16.00	Leave sagebrush and top of spur, bear NW. and SE.; desc. abruptly 360 ft.
16.50	Enter a medium growth of cedar, spruce, mahogany and pinon pine timber, and dense oak and buck brush, bear NW. and SE.
36.00	Draw, course S.; undergrowth becomes scattering; asc. 60 ft. to
40.00	On top of perpendicular ledge, 15 ft. high, bearing E. and W., set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) chiseled on ledge, and in a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 20 / S 29 1921
	from which,
	A cedar, 8 ins. diam., bears N.54°15'W., 29 lks. dist., marked ¼ S 20 B T.
	A cedar, 4 ins. diam., bears S.22°15'E., 17 lks. dist., marked ¼ S 29 B T.
	Asc. 80 ft. over outcroppings and broken ledges, 10 to 25 ft. high, bearing N. and S., from this cor.
44.00	Top of perpendicular ledge, 60 ft. high, bears NE. and NW., on top of spur, projecting S. about 7.00 chs. dist.; desc. abruptly 560 ft. over series of perpendicular ledges, 10 to 30 ft. high, bearing NW. and SE.
60.20	Leave ledges, timber and undergrowth, bear NW. and SE., at the base of abrupt descent, bearing NW. and SE.; over nearly level bottom of a fork of One Eye Canyon.
62.00	One Eye Creek, 2 lks. wide, 2 ins. deep, in wash, 20 lks. wide, 3 ft. deep, course westerly.
65.10	Leave creek, course NW.; leave bottom of canyon, bears NW. and SE.; begin ascent of 30 ft.
65.30	Enter heavy aspen, spruce, balsam and yellow pine timber, and scattering oak and buck brush, bear NW. and SE.

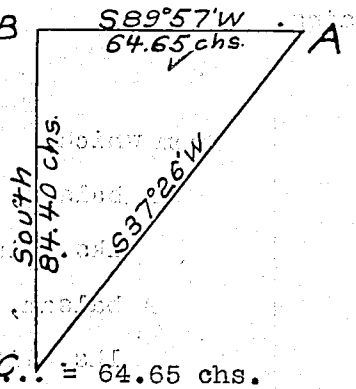
Subdivision of T. 17 S., R. 21 E.

Chains.	
67.10	Spur, projects NW. about 5.00 chs. dist.; desc. 30 ft.
70.00	Leave timber and undergrowth, bear N. and S., at the base of descent, bearing N. and S.; over nearly level bottom of a fork of One Eye Canyon.
73.60	One Eye Creek, clear water, 2 lks. wide, 1 in. deep, course N.
74.30	Leave bottom of canyon, bears N. and S.; begin abrupt ascent of 205 ft. over rough E. slope to sec. cor.
74.50	Enter scattering cedar, balsam, spruce, aspen and yellow pine timber, and oak brush, bear N. and S.
80.00	The cor. of secs. 19, 20, 29 and 30.
	Land; nearly level, E. 16.00 chs.; abrupt and rough sides of forks of One Eye Canyon, W. 64.00 chs.; sandstone and shale formation; general drainage N.
	Soil; shallow red sand on the rough portions; dark loam several ft. deep in the bottoms of forks of canyon; light sandy loam, about 2½ ft. deep, lying on a clay subsoil or on bedrock, on the level land.
	Timber; aspen, spruce, balsam, cedar, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush, oak and buck brush.
	Fair grazing on level land and in bottoms of forks of canyon.

	S.89°57'W. on a random line bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
	As it is impracticable to chain the remainder of this line, owing to dense tall undergrowth and heavy timber, and to the broken ledges on the abrupt W. side of She Canyon, I make the following triangulation:
	I designate the temp. ¼ sec. cor. as point "A"; then set a flag "B" on line on the W. side of She Canyon. From point "A", an auxiliary flag "C" bears S.37°26'W.; the base "BC" bears S. 84.40 chs. dist. All bearings are checked by direct reading of the solar, and by

Chains.

separate measurement of each angle by deflection by three repetitions, they are found respectively 90°03', 52°31' and 37°26'; and their sum is equal to 180°00'.



Dist. by triangulation..... = 64.65 chs.
Dist. on random line..... = 40.00 "
104.65 "
Dist. N.89°57'E. from flag "B"..... = 1.24 "
103.41 " ., or at

103.41 Intersect the W. bdy. of the Tp., 16 lks. N. of the cor. of secs. 19 and 30, hereinbefore described.

Thence,

N.89°52'E. bet. secs. 19 and 30, giving the approximate distances to topography on true line.

Desc. abruptly 250 ft. over rough NE. slope, through heavy spruce, balsam, cedar, mahogany, pinon and yellow pine timber, and dense oak and buck brush.

14.00 Ravine, course SE.; asc. 70 ft. over outcroppings.

22.40 Spur, projects SE. approximately 30.00 chs. dist.; desc. abruptly 655 ft. over series of broken and perpendicular ledges, 10 to 40 ft. high, bearing NW. and SE.

40.00 Leave ledges, timber and undergrowth, bear NE. and SW., at the base of abrupt descent, bearing NE. and SW.; over nearly level bottom of She Canyon.

45.40 She Creek, muddy water, 12 lks. wide, 8 ins. deep, in wash, 80 lks. wide, 7 ft. deep, course N.20°E.; from this station, a spring bears N.20°E. 12.00 chs. dist., approximately.

49.90 Line crosses swamp or spring, at the base of abrupt ascent, bearing NW. and SE.; enter heavy timber, and scattering young mahogany, oak and buck brush, bear NW. and SE.

63.41 On a SW. slope, 495 ft. above base of ascent, set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:

Subdivision of T. 17 S., R. 21 E.

Chains.	
	$\frac{1}{4}$ S 19 / S 30 1921
	from which,
	A balsam, 10 ins. diam., bears N.73°W., 32 lks. dist., marked $\frac{1}{4}$ S 19 B T.
	A balsam, 6 ins. diam., bears S.2°30'W., 31 lks. dist., marked $\frac{1}{4}$ S 30 B T.
64.00	By direct measurement. Spur, 5 ft. above $\frac{1}{4}$ sec. cor., projects NW. about 8.00 chs. dist.; desc. 70 ft.
68.80	By direct measurement. Draw, course NW.; asc. abruptly 740 ft.
85.50	By direct measurement. Ridge, bears N. and S.; enter dense undergrowth, bears N. and S.; desc. abruptly 475 ft., over series of broken and perpendicular ledges, 10 to 20 ft. high, bearing N. and S., to
103.41	The cor. of secs. 19, 20, 29 and 30.
	Land; abrupt and rough sides of One Eye and She Canyons; series of outcroppings and ledges of shale and light colored sandstone formation; general drainage N.; E. and W. exposure.
	Soil; shallow red sand and sandy loam on the sides of canyons; dark loam several ft. in the bottom of She Canyon.
	Timber; spruce, balsam, mahogany, cedar, pinon and yellow pine.
	Undergrowth; young mahogany, oak and buck brush.
	Scattering growth of bunch grass, on rough portions; good grazing on the bottom land.

	N.0°03'W. bet. secs. 19 and 20.
	Asc. 120 ft. along E. slope, over outcroppings, through a medium growth of spruce, balsam, cedar, mahogany, aspen, pinon and yellow pine timber, and scattering oak brush.
3.60	Perpendicular ledge, 20 ft. high, bears NE. and SW.
5.70	Spur, projects E. about 6.00 chs. dist.; desc. abruptly 395 ft.

Subdivision of T. 17 S., R. 21 E.

Chains.	
20.40	Leave ledges, timber and undergrowth, bear NW. and SE., at the base of abrupt descent, bearing NW. and SE.; over nearly level bottom of One Eye Canyon, through scattering sagebrush.
33.60	One Eye Creek, clear water, 1 lk. wide, 1 in. deep, in wash, 30 lks. wide, 5 ft. deep, course N.20°W.
40.00	At the base of ascent, bearing N.20°W. and S.20°E., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ / S 19 | S 20 / 1921 from which, A balsam, 24 ins. diam., bears S.38°E., 83 lks. dist., marked ¼ S 20 B T. A balsam, 8 ins. diam., bears N.10°45'W., 204 lks. dist., marked ¼ S 19 B T.
41.50	Point of spur, from E., 5 ft. above ¼ sec. cor.; desc. gradually 10 ft.
51.00	Draw, course W.; asc. 275 ft.
58.60	Leave sagebrush and enter heavy timber, and dense young mahogany, oak and buck brush, bear NW. and SE.
59.00	Begin abrupt ascent over series of broken and perpendicular ledges, 10 to 30 ft. high, bearing NW. and SE., on SW. slope.
59.50	Perpendicular ledge, 30 ft. high, bears N.20°W. and S.20°E.
79.20	Spur, projects NW. about 6.00 chs. dist.; desc. abruptly 25 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 17, 18, 19 and 20, with brass cap mkd: T17S | R21E / S18 | S17 / S19 | S20 / 1921 from which, A balsam, 7 ins. diam., bears N.18°E., 51 lks. dist., marked T 17 S R 21 E S 17 B T.

Chains.	
	A balsam, 8 ins. diam., bears S.76°15'E., 45 lks. dist., marked T 17 S R 21 E S 20 B T.
	A balsam, 12 ins. diam., bears S.39°30'W., 64 lks. dist., marked T 17 S R 21 E S 19 B T.
	A balsam, 8 ins. diam., bears N.24°45'W., 53 lks. dist., marked T 17 S R 21 E S 18 B T.
	Land; abrupt and rough sides of One Eye and East Willow Creek Canyons; outcroppings and ledges of light colored sandstone formation; general drainage N.; general E. and W. exposure.
	Soil; shallow red sand and sandy loam on the sides of canyons; deep sandy loam in the bottom of One Eye Canyon.
	Timber; spruce, balsam, cedar, mahogany, aspen, pinon and yellow pine.
	Undergrowth; sagebrush, young mahogany, oak and buck brush.
	Excellent grazing in the bottom of One Eye Canyon.

	S.89°51'E. on a random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 16, 17, 20 and 21.
	Thence,
	N.89°56'W. on a true line bet. secs. 17 and 20.
	Asc. gradually 55 ft. along abrupt N. slope, through heavy aspen, spruce, balsam and yellow pine timber, and scattering oak and buck brush.
10.00	Spur, projects N. about 2.00 chs. dist.; desc. 150 ft.
19.70	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course N.; enter a medium growth of oak and buck brush, bears N. and S.; asc. 210 ft.
38.50	Spur, projects N. about 3.00 chs. dist.; desc. 90 ft. to
40.02	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

Subdivision of T. 17 S., R. 21 E.

Chains.	
	$\frac{1}{4}$ S 17 / S 20 1921
	from which,
	A balsam, 14 ins. diam., bears N.48°E., 36 lks. dist., marked $\frac{1}{4}$ S 17 B T.
	A balsam, 6 ins. diam., bears S.12°45'W., 62 lks. dist., marked $\frac{1}{4}$ S 20 B T.
51.50	Ravine, 120 ft. below $\frac{1}{4}$ sec. cor., course N.; asc. 340 ft. to
80.04	The cor. of secs. 17, 18, 19 and 20.
	Land; steep N. slope of East Willow Creek Canyon; outcroppings of light colored sandstone formation; drainage N. to East Willow Creek.
	Soil; dark sandy loam, about 1 to 4 ft. deep, lying on bedrock.
	Timber; aspen, spruce, balsam and yellow pine.
	Undergrowth; oak and buck brush.
	Sparse growth of grass, on slope; good grazing in bottoms of ravines.
	S.89°52'W. on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
103.52	Intersect the W. bdy. of the Tp., 12 lks. S. of the cor. of secs. 18 and 19, hereinbefore described.
	Thence,
	N.89°56'E. on a true line bet. secs. 18 and 19.
	Asc. abruptly 355 ft. over NW. slope, through heavy mahogany and scattering spruce and balsam timber, and dense young mahogany, oak and buck brush.
9.10	Ridge, bears N.15°E. and S.15°W.; desc. 630 ft.
17.10	Head of ravine, course SE.; asc. 50 ft.
43.50	Spur, projects SE. about 15.00 chs. dist.; enter heavy spruce, balsam, cedar, pinon and yellow pine timber, bears NW. and SE.; desc. abruptly 620 ft. over series of broken and perpendicular ledges, 10 to 40 ft. high, bearing NW. and SE.
57.00	Leave timber, ledges and undergrowth, bear NE. and SW.,

Subdivision of T. 17 S., R. 21 E.

Chains.	
	at the base of abrupt descent, bearing NE. and SW.; over nearly level bottom of She Canyon, through dense sagebrush.
61.50	She Creek, muddy water, 15 lks. wide, 6 ins. deep, in wash, 100 lks. wide, 5 ft. deep, course NE.
63.52	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S 18 / S 19 / 1921 from which, An aspen, 8 ins. diam., bears N.70°15'E., 122 lks. dist., marked ¼ S 18 B T. A balsam, 12 ins. diam., bears S.36°15'W., 95 lks. dist., marked ¼ S 19 B T. From this ¼ sec. cor., a spring bears approximately N.38°E. 5.70 chs. dist.; spring bears approximately N.38°E. 9.90 chs. dist.; spring bears approximately N.38°E. 17.20 chs. dist.
63.60	Leave sagebrush and bottom of canyon, bear N. and S.; begin abrupt ascent of 620 ft., over rough W. slope, through heavy aspen, spruce, balsam and yellow pine timber, and scattering oak and buck brush, bearing N. and S.
79.20	Ridge, bears N. and S.; desc. abrupt rough E. slope 590 ft.
79.33	Triangulation flag "B", used in determining the distance of the retracement line bet. secs. 7 and 12, on W. bdy., bears S. 9 lks. dist.
95.10	Leave ledges, timber and undergrowth, bear N. and S., at the base of abrupt descent, bearing N. and S.; over nearly level bottom of One Eye Canyon, through dense sagebrush.
98.50	One Eye Creek, clear water, 1 lk. wide, 1 in. deep, in wash, 40 lks. wide, 5 ft. deep, course N.
100.00	Leave sagebrush and bottom of canyon, bear N. and S.;

Subdivision of T. 17 S., R. 21 E.

Chains.	
	begin abrupt ascent of 350 ft. over rough SW. slope, through heavy spruce, balsam, cedar and pinon pine timber, and scattering oak and buck brush, bearing N. and S.
103.00	Spur, projects NW. about 5.00 chs. dist.; desc. 5 ft. to
103.52	The cor. of secs. 17, 18, 19 and 20.
	Land; abrupt sides of canyons with outcroppings and ledges of shale, light and red colored sandstone; general drainage N.; E. and W. exposure.
	Soil; shallow red sand and sandy loam on sides of canyons; dark loam several ft. deep, in the bottoms of canyons.
	Timber; cedar, spruce, balsam, aspen, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush, young mahogany, oak and buck brush.
	Fair growth of grass; good grazing in the bottoms of canyons.

	N.0°03'W. bet. secs. 17 and 18.
	Desc. abruptly 350 ft., over NE. slope, through heavy spruce, balsam, cedar, pinon and yellow pine timber, and dense oak and buck brush.
7.00	Leave timber and undergrowth, bear E. and W., at the base of abrupt descent, bearing NW. and SE.; over nearly level bottom of East Willow Creek Canyon, through dense sagebrush.
7.50	East Willow Creek, clear water, 8 lks. wide, 6 ins. deep, in wash, 40 lks. wide, 6 ft. deep, course W.
11.20	Leave sagebrush and bottom of canyon, bear E. and W.; begin abrupt ascent of SE. slope 325 ft., over series of broken and perpendicular ledges, 10 to 30 ft. high, bearing NE. and SW.
11.60	Enter a medium growth of cedar, spruce, balsam, mahogany, pinon and yellow pine timber, and service berry bushes, young mahogany, oak and buck brush, bear NE. and SW.

Subdivision of T. 17 S., R. 21 E.

Chains.	
16.00	Spur, projects SW. about 6.00 chs. dist.; desc. 115 ft.
27.50	Ravine, course SW.; enter heavy timber, bears NE. and SW.; asc. abruptly 375 ft. to
40.00	At the foot of a perpendicular ledge, 15 ft. high, bearing N.70°E. and S.70°W., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd: ¼ S 18 | S 17 1921 from which, A balsam, 14 ins. diam., bears S.13°30'E., 22 lks. dist., marked ¼ S 17 B T. A balsam, 10 ins. diam., bears S.53°15'W., 63 lks. dist., marked ¼ S 18 B T.
57.70	Leave ledges, bear NE. and SW., at the top of abrupt ascent, bearing N.60°E. and S.60°W., 470 ft. above ¼ sec. cor.; asc. gradually 30 ft.
60.50	Spur, projects SW. approximately 40.00 chs. dist.; leave heavy timber and enter a medium growth of mahogany, and scattering cedar, spruce and balsam timber, bear NE. and SW.; desc. gradually 10 ft.
61.00	Enter dense sagebrush, young mahogany, oak and buck brush, bear NE. and SW.
69.00	Head of draw, course SW.; asc. 130 ft.
78.60	Spur, projects W. about 5.00 chs. dist., thence southwesterly; timber becomes scattering, bearing E. and W.; desc. 5 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 7, 8, 17 and 18, with brass cap mkd: T17S | R21E S7 | S8 S18 | S17 1921 from which, A balsam, 6 ins. diam., bears N.87°30'E., 268 lks. dist., marked T 17 S R 21 E S 8 B T.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	A cedar, 6 ins. diam., bears S.28°15'E., 113 lks. dist., marked T 17 S R 21 E S 17 B T.
	A mahogany, 4 ins. diam., bears S.45°15'W., 89 lks. dist., marked T 17 S R 21 E S 18 B T.
	A cedar, 16 ins. diam., bears N.83°45'W., 302 lks. dist., marked T 17 S R 21 E S 7 B T.
	Land; abrupt sides of East Willow Creek Canyon, with outcroppings and ledges of shale, light and red colored sandstone formation, S. 78.60 chs.; nearly level top of spur, N. 1.40 chs.; drainage NE., S. 7.50 chs.; remainder of mile drains generally to the SW.; general N. and S. exposure.
	Soil; shallow red sand and sandy loam, on the rough portions; light sandy loam, about 2 or 3 ft. deep, lying on bedrock, N. 22.30 chs.; deep sandy loam in the bottom of East Willow Creek Canyon.
	Timber; spruce, balsam, cedar, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush, young mahogany, service berry bushes, oak and buck brush.
	Sparse growth of bunch grass; excellent grazing in the bottom of canyon.

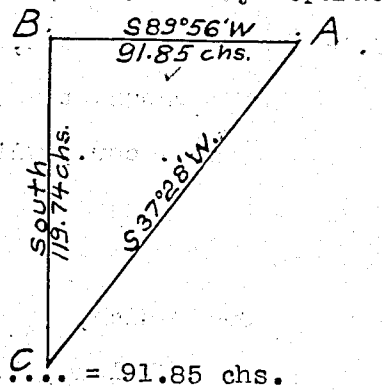
	S.89°56'E. on a random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence,
	N.89°51'W. on a true line bet. secs. 8 and 17.
	Asc. 110 ft. over E. slope, through dense sagebrush, oak and buck brush, and scattering service berry bushes.
5.80	Spur, projects S. about 20.00 chs. dist.; desc. 10 ft.
7.50	Draw, course S.; asc. 10 ft.
13.70	Spur, projects S.; desc. 330 ft.
23.80	Draw, course SW.; enter scattering cedar, pinon pine and mahogany timber, bears NE. and SW.; asc. 20 ft.

Subdivision of T. 17 S., R. 21 E.

Chains.	
27.50	Spur, projects S. about 3.00 chs. dist.; desc. 85 ft.
31.30	Draw, course S.; asc. 205 ft. to
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 8 / S 17 1921
	from which,
	A cedar, 8 ins. diam., bears N.58°E., 3 lks. dist., marked ¼ S 8 B T.
	A pinon pine, 7 ins. diam., bears S.74°45'E., 78 lks. dist., marked ¼ S 17 B T.
47.60	Spur, 80 ft. above ¼ sec. cor., forks W. and S.10°W.; desc. gradually 75 ft. to sec. cor.
75.00	Leave top of spur, projects S.80°W.
80.06	The cor. of secs. 7, 8, 17 and 18.
	Land; rolling mountains with outcroppings of shale and light colored sandstone formation; general drainage SW. to East Willow Creek.
	Soil; light sandy loam, about 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; cedar, pinon pine and mahogany.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Good grazing.
	S.89°56'W. on a random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
	From this station chaining is impracticable on the greater portion of the line, owing to high impassable ledges; therefore I make a triangulation.
	Thence, N.89°56'E., by direct measurement to the 4.91 ch. point, which I designate as point "A"; then set a flag "B" on the E. side of East Willow Creek Canyon. From point "A" an auxiliary flag "C" bears S.37°28'W.; the

Chains.

base "BC" bears S. 119.74 chs. dist.; and by separate measurement of each angle by deflection by three repetitions with an error of 3' balanced to 180°, they are found respectively 90°04', 52°28' and 37°28'.



Dist. by triangulation..... = 91.85 chs.
Dist. on random line..... = 4.91 "
96.76 "
Dist. S.89°56'W. by direct measurement from flag "B". = 6.70 "
103.46 "

103.46 Intersect the W. bdy. of the Tp., 39 lks. S.0°06'E. of the true point for cor. of secs. 7 and 18, or 119 lks. S.0°06'E. of the witness cor. of secs. 7 and 18, hereinbefore described.

Thence,

S.89°51'E. on a true line bet. secs. 7 and 18, from true cor. point.

Over level bottom of wash, 250 lks. wide, 15 ft. deep, draining westerly; stream of muddy water, 10 lks. wide, 8 ins. deep, in the bottom of wash.

1.50 Enter dense sagebrush, on the N. edge of the wash, bearing N.80°W. and S.80°E.; over nearly level bottom of East Willow Creek Canyon.

6.00 Leave sagebrush and bottom of canyon, bear NW. and SE.; begin abrupt ascent of SW. slope 685 ft., over series of broken and perpendicular ledges, 20 to 60 ft. high, bearing NW. and SE.

6.70 Triangulation flag "B".

7.00 Enter a medium growth of cedar, spruce, balsam and pinon pine timber, and scattering young mahogany, oak and buck brush, bear NW. and SE.
(Approximately)

23.50 Spur, projects SW. approximately 20.00 chs. dist.; desc. abruptly 650 ft.

45.00 Approximately. Leave ledges, bear NE. and SW.

45.50 Approximately. Ravine, course SW.; enter heavy timber,

(406)

Subdivision of T. 17 S., R. 21 E.

Chains.	
	bears NE. and SW.; asc. abruptly 540 ft. to
63.46	Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd: S 7 / ¼ / S 18 / 1921
	from which,
	A balsam, 8 ins. diam., bears N.15°E., 16 lks. dist., marked ¼ S 7 B T.
	A balsam, 8 ins. diam., bears S.28°W., 49 lks. dist., marked ¼ S 18 B T.
	Continue abrupt ascent of 725 ft., over NW. slope.
88.60	Leave heavy timber, and enter dense undergrowth, and scattering cedar, mahogany and pinon pine timber, bear NW. and SE.
98.10	Top of abrupt ascent, bears E. and S.60°W.; asc. gradually 5 ft. to sec. cor.
98.55	Triangulation point "A".
103.46	The cor. of secs. 7, 8, 17 and 18.
	Land; abrupt sides of canyon and ravine, with outcroppings and ledges of shale, light and red colored sandstone formation; level land, W. 6.00 chs. and E. 5.36 chs.; general drainage SW. to East Willow Creek.
	Soil; shallow red sand on the rough portions; sandy loam, several ft. deep, in the bottom of East Willow Creek Canyon; light and dark sandy loam, about 1 to 3 ft. deep, lying on bedrock, E. 58.00 chs.
	Timber; cedar, spruce, balsam, mahogany and pinon pine.
	Undergrowth; sagebrush, young mahogany, oak and buck brush.
	Good grazing of grass and browse, E. 58.00 chs., and in bottom of canyon.

	N.0°03'W. bet. secs. 7 and 8.
	Desc. gradually 5 ft. over N. slope, through scattering cedar, spruce, balsam, mahogany, pinon and yellow pine

Subdivision of T. 17 S., R. 21 E.

Chains.	
	timber, and dense sagebrush, oak and buck-brush, and scattering service berry bushes.
0.60	Top of abrupt descent, bears E. and W.; desc. 480 ft.
4.00	Enter a medium growth of timber, bears NW. and SE.
14.40	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course W.; medium growth of aspen timber along creek; asc. 55 ft.
15.00	Timber becomes scattering, bearing E. and W.
20.70	Spur, projects SW. approximately 8.00 chs. dist.; desc. gradually 10 ft.
29.20	Seepage of water in the bottom of ravine, course SW.; asc. 125 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., with brass cap mkd:

¼

S 7 | S 8

1921

from which,

A cedar, 12 ins. diam., bears S.51°15'E., 40 lks. dist., marked ¼ S 8 B T.

A mahogany, 5 ins. diam., bears S.10°30'W., 75 lks. dist., marked ¼ S 7 B T.

53.50	Leave timber, bears NE. and SW.
55.10	Steer Ridge, 155 ft. above ¼ sec. cor., bears N.70°E. and S.70°W.; desc. 315 ft. to
80.00	On an E. slope, set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and in a mound of stone for cor. of secs. 5, 6, 7 and 8, with brass cap mkd:

T17S	R21E
S6	S5
S7	S8

1921

and deposit a stone marked with a cross (X), in the hole beside the post.

Land; mountainous, with outcroppings of shale and light colored sandstone formation; drainage W., S. 55.10 chs.; N. 24.90 chs. drains N.

Subdivision of T. 17 S., R. 21 E.

Chains	
	Soil; light and dark sandy loam, rocky on surface, about 1 to 3 ft. deep, lying on a brown clay subsoil or on bedrock.
	Timber; cedar, spruce, balsam, aspen, mahogany, pinon and yellow pine.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Excellent grazing of grass and browse.

	S.89°51'E. on a random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect N. and S. line, at the cor. of secs. 4, 5, 8 and 9.
	Thence,
	N.89°51'W. on a true line bet. secs. 5 and 8.
	Asc. 190 ft. over NE. slope, through dense sagebrush, scattering service berry bushes, oak and buck brush.
13.00	Spur, from S., projects N.20°W.; desc. 335 ft.
38.10	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of a fork of Billie Brown Canyon, course N.; asc. 30 ft. to
40.02	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 5 / S 8 / 1921
	and deposit a stone marked with a cross (X), in the hole beside the post.
53.20	Spur, 290 ft. above ¼ sec. cor., projects N.; desc. 410 ft.
78.60	Dry wash, 30 lks. wide, 10 ft. deep, in the bottom of ravine, course N.; asc. 30 ft. to
80.04	The cor. of secs. 5, 6, 7 and 8.
	Land; mountainous, with outcroppings of shale and light colored sandstone formation; general drainage N.; E. and W. exposure.

Subdivision of T. 17 S., R. 21 E.

Chains.	
	Soil; light sandy loam, varying in depth from a few ins. to about 3 ft., lying on a brown clay subsoil or on bedrock.
	Timber; few scattering cedar and pinon pine.
	Undergrowth; sagebrush, service berry bushes, oak and buck brush.
	Good growth of grass.
	N.89°51'W. on a random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
103.72	Intersect the W. bdy. of the Tp., 24 lks. S. of the cor. of secs. 6 and 7, hereinbefore described.
	Thence,
	S.89°43'E. on a true line bet. secs. 6 and 7.
	Asc. abruptly 690 ft. along rough S. slope, through a medium growth of spruce, balsam, mahogany, cedar and pinon pine timber, and scattering young mahogany, oak and buck brush.
1.60	Perpendicular ledge, 40 ft. high, bears NW. and SE.
7.20	Perpendicular ledge, 15 ft. high, bears NW. and SE.
14.60	Leave timber and enter dense sagebrush, oak brush and young mahogany, bear NW. and SE.
22.30	Top of abrupt ascent, bears NW. and SE.; asc. gradually 10 ft.
25.60	Spur, projects NW. approximately 25.00 chs. dist.; desc. 45 ft.
35.80	Draw, course NW.; asc. 45 ft.
40.20	Spur, projects NW.; desc. 215 ft.
54.60	Ravine, course N.; asc. 110 ft.
59.20	Spur, projects NW. about 10.00 chs. dist.; desc. 70 ft. to
63.72	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:
	¼ S 6 / S 7 1921

Chains.	
	and deposit a stone marked X, in the hole, beside post
66.30	Draw, 65 ft. below ¼ sec. cor., course NW.; asc. 280 ft.
82.50	Top of abrupt ascent, bears S. and NW.; over level top of spur which forks northwesterly about 60.00 chs. dis and N. about 25.00 chs. dist.
97.20	Leave top of spur; begin abrupt descent of 230 ft. over E. slope to
103.72	The cor. of secs. 5, 6, 7 and 8.
	Land; abrupt and rough E. side of Willow Creek Canyon, W. 22.30 chs.; mountainous, E. 81.42 chs.; outcroppings and ledges of shale and light colored sandstone formation; general drainage NW.
	Soil; sandy loam, varying in depth from a few ins. to 3 ft. lying on a brown clay subsoil or on bedrock.
	Timber; cedar, spruce, balsam, mahogany and pinon pine.
	Undergrowth; sagebrush, young mahogany, oak and buck brush.
	Good growth of grass and browse.

	N.0°03'W. on a true line bet. secs. 5 and 6.
	Desc. 175 ft. along E. slope, through dense sagebrush, oak and buck brush.
15.80	Seepage of water in the bottom of ravine, course N.15°W.; scattering aspen timber along stream; asc. 50 ft.
28.60	Spur, projects SW. about 3.00 chs. dist.; desc. 40 ft.
32.50	Draw, course SW.; enter scattering cedar, mahogany and pinon pine timber, bears NE. and SW.; asc. 145 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and in a mound of stone for ¼ sec. cor., with brass cap mkd:

¼

S 6 | S 5

1921

from which,

A pinon pine, 10 ins. diam., bears N.19°15'E., 168 lks. dist., marked ¼ S 5 B T.

A pinon pine, 16 ins. diam., bears S.64°30'W., 99 lks. dist., marked ¼ S 6 B T.

Subdivision of T. 17 S., R. 21 E.

Chains.	
45.40	Spur, 75 ft. above ¼ sec. cor., projects SW. approximately 15.00 chs. dist.; leave timber, bears NE. and SW.; desc. 35 ft.
55.50	Draw, course SW.; asc. 140 ft.
68.00	Spur, projects SW. approximately 30.00 chs. dist.; desc. gradually 15 ft. to closing sec. cor.
73.78	Intersect the S. bdy. of T. 16 S., R. 21 E., 25.95 chs. E. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, 2 ins. in diam., extending 24 ins. above ground, firmly set in a mound of stone, correctly marked, and witnessed by four bearing trees, one in each sec., as described by the Surveyor General. As this cor. now refers to secs. in T. 16 S., only, I destroy the markings on the monument and on the bearing trees pertaining to secs. in T. 17 S. And at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for closing cor. of secs. 5 and 6, with brass cap mkd: T16S R21E S32 S6 | S5 T17S | R21E CC 1921 and raise a mound of stone, 3 ft. base, 3 ft. high, S. of cor.
	Land; mountainous, with outcroppings of shale and light colored sandstone formation; drainage NW., S. 15.80 chs.; N. 57.98 chs. drains SW.
	Soil; light and red sandy loam, varying in depth from about 8 ins. to 4 ft., lying on a brown clay subsoil or on bedrock.
	Timber; cedar, aspen, mahogany and pinon pine.
	Undergrowth; sagebrush, oak and buck brush.
	Good grazing.

Establishment of ¼ Sec. Cors. on N. Bdy. T. 17 S., R. 21 E.

From the cor. of Tps. 16 S., Rs. 21 and 22 E., hereinbe-

Establishment of ¼ Sec. Cors. on N. Bdy. of T. 17 S., R.

Chains.

fore described,

West along the N. bdy. of sec. 1.

15.29 Point midway bet. the cor. of Tps. 17 S., Rs. 21 and 22 E. and the closing cor. of secs. 1 and 2, hereinbefore described, set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and in a mound of stone for ¼ cor. of sec. 1, only, with brass cap mkd:

¼
S 1
1921

from which,

A pinon pine, 5 ins. diam., bears S.67°30'W., 30½ lks. dist., marked ¼ S 1 B T.

A pinon pine, 6 ins. diam., bears S.82°W., 24½ lks. dist., marked ¼ S 1 B T.

The ¼ cor. of secs. 1 and 36 is an iron post, 1 in. in diam., extending 18 ins. above ground, firmly set in a mound of stone, correctly marked, and witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.; but as this cor. now refers to sec. 36, only, T. 16 S., I efface the markings on the post pertaining to sec. 1, T. 17 S.

From ~~true~~ point cor. of secs. 35 and 36, on S. bdy. of T. 16 S., R. 21 E., hereinbefore described,

West along the N. bdy. of sec. 2.

14.87 Point midway bet. the closing cors. of secs. 1 and 2, and 2 and 3, hereinbefore described, set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to solid rock and in a mound of stone for ¼ cor. of sec. 2, only, with brass cap mkd:

¼
S 2
1921

from which,

A pinon pine, 10 ins. diam., bears S.45°30'E., 60 lks. dist., marked ¼ S 2 B T.

Establishment of ¼ Sec. Cors. on N. Bdy. of T. 17 S., R. 21 E.

Chains.

A cedar, 14 ins. diam., bears S.39°30'W., 23 lks. dist., marked ¼ S 2 B T.

The ¼ cor. of secs. 2 and 35 is an iron post, 1 in. in diam., extending 9 ins. above ground, firmly set, correctly marked, and witnessed on the N. by a mound of stone, 2 ft. base, 1½ ft. high. This cor. now refers to sec. 35, only, T. 16 S.; therefore I efface the markings on the post pertaining to sec. 2, T. 17 S.

From the cor. of secs. 34 and 35, on S. bdy. of T. 16 S., R. 21 E., hereinbefore described,

West along N. bdy. of sec. 3.

14.61 Point midway bet. the closing cors. of secs. 2 and 3, and 3 and 4, hereinbefore described, set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock and in a mound of stone for ¼ cor. of sec. 3, only, with brass cap mkd:

¼ ——
S 3
1921

from which,

A cedar, 16 ins. diam., bears S.28°15'E., 94 lks. dist., marked ¼ S 3 B T.

A cedar, 8 ins. diam., bears S.36°W., 111 lks. dist., marked ¼ S 3 B T.

The ¼ cor. of secs. 3 and 34 is an iron post, 1 in. in diam., extending 30 ins. above ground, firmly set in a mound of stone, correctly marked, and witnessed on the N. by a mound of stone, 2 ft. base, 1½ ft. high. As this cor. now refers to sec. 34, only, T. 16 S., I efface the markings on the post pertaining to sec. 3, T. 17 S.

From the cor. of secs. 33 and 34, on S. bdy. of T. 16 S., R. 21 E., hereinbefore described,

West along the N. bdy. of sec. 4.

Establishment of ¼ Sec. Cors. on N. Bdy. of T. 17 S., R. 21

Chains.	
14.33	Point midway bet. the closing cors. of secs. 3 and 4, and 4 and 5, hereinbefore described, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 4, only, with brass cap mkd: ¼ / S 4 / 1921 from which,
	A spruce, 3 ins. diam., bears S.25°W., 129 lks. dist., marked B T.
	A pinon pine, 8 ins. diam., bears S.64°30'W., 258 lks. dist., marked ¼ S 4 B T.
	The ¼ cor. of secs. 4 and 33 is an iron post, 1 in. in diam., extending 9 ins. above ground, firmly set, correctly marked, and witnessed with pits, 18x18x6 ins., E. and W. of post, 3 ft. dist. This cor. now refers to sec. 33, only, T. 16 S.; therefore I destroy the markings on the post pertaining to sec. 4, T. 17 S.
	From the cor. of secs. 32 and 33, on S. bdy. of T. 16 S., R. 21 E., hereinbefore described,
	West along the N. bdy. of sec. 5.
14.085	Point midway bet. the closing cors. of secs. 4 and 5, and 5 and 6, hereinbefore described, set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and in a mound of stone for ¼ cor. of sec. 5, only, with brass cap mkd: ¼ / S 5 / 1921 from which,
	A cedar, 7 ins. diam., bears S.4°W., 135 lks. dist., marked ¼ S 5 B T.
	A cedar, 9 ins. diam., bears S.27°30'W., 131 lks. dist., marked ¼ S 5 B T.
	The ¼ cor. of secs. 5 and 32 is an iron post, 1 in. in diam., extending 24 ins. above ground, firmly set in a mound of stone, correctly marked, and witnessed by pits 18x18x12 ins., E. and W. of post, 3 ft. dist.

Establishment of ¼ Sec. Cors. on N. Bdy. of T. 17 S., R. 21 E.

Chains.	
	As this cor. now refers to sec. 32, only, T. 16 S., I efface the markings on the post pertaining to sec. 5, T. 17 S.
	From the cor. of secs. 31 and 32, on S. bdy. of T. 16 S., R. 21 E., hereinbefore described,
	West along the N. bdy. of sec. 6.
14.05	Point 40.00 chs. west of the closing cor. of secs. 5 and 6, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ cor. of sec. 6, only, with brass cap mkd:
	¼ / S 6 / 1921
	from which,
	A cedar, 10 ins. diam., bears S.20°45'E., 79 lks. dist., marked ¼ S 6 B.T.
	A pinon pine, 8 ins. diam., bears S.49°30'W., 13 lks. dist., marked ¼ S 6 B T.
	The ¼ cor. of secs. 6 and 31 is an iron post, 1 in. in diam., extending 30 ins. above ground, firmly set in a mound of stone, bet. a ledge and a large boulder, correctly marked, and witnessed by bearing trees, one in each sec. This cor. now refers to sec. 31, only, T. 16 S.; therefore I destroy the markings on the post and on the accessory pertaining to sec. 6, T. 17 S.

Boundaries of T. 17 S., R. 21 E.

Latitudes, Departures and Closing Errors.

Line Designated.	True Bearing.	Dist-ance.	Latitudes. N.	Latitudes. S.	Departures. E.	Departures. W.
		Chs.	Chs.	Chs.	Chs.	Chs.
N. bdy. of Tp.:						
Bet. secs. 31 and 36.	N.0°02'E.	39.76	39.76		0.02	
	N.0°57'E.	39.60	39.60		0.[illegible]	
Bet. secs. 25 and 30.	N.0°57'E.	39.60	39.60		0.[illegible]	
	N.0°02'E.	38.91	38.91		0.02	
Bet. secs. 19 and 24.	N.0°21'W.	38.83	38.83			0.24
	N.0°06'E.	39.49	39.49		0.07	
Bet. secs. 13 and 18.	North	39.04	39.04			
	N.0°20'W.	38.97	38.97			0.23
Bet. secs. 7 and 12.	N.0°06'W.	39.77	39.77			0.07
	N.0°06'W.	39.77	39.77			0.07
Bet. secs. 1 and 6.	N.0°22'W.	39.22	39.22			0.25
	N.0°12'E.	40.39	40.39		0.14	
N. bdy. of Tp.	East.	502.12			502.12	
East bdy. of Tp.	South	473.99		473.99		
South bdy. Tp.	West	504.70				504.70
Convergency.....					0.59	
			473.35	473.99	504.2[illegible]	505.56
				473.35		504.2[illegible]
Error in lat.....				0.64	in dep.	1.[illegible]

General Description.

Nearly all of the land in this township may be classed as mountainous and rough mountainous, and has an elevation above sea level varying from approximately six thousand five hundred feet in the northern portion to about eight thousand feet in the southern part. A portion of sections twenty-five and thirty-six lie on a southeast break known as the Roan or Brown Cliffs, and is drained southeasterly by a fork of Diamond Canyon. The township in general has a northern exposure, but the main ridge, known as Steer Ridge, crosses in a westerly direction from the south boundary of section thirteen to the west boundary of section seven, giving a general northern drainage of the sections to the north of this ridge into Willow Creek, Billie Brown and Ten Mile Canyons, the latter two draining north-

General Description.

westerly into the former in Township Sixteen South Range Twenty-one East. The sections south of the main ridge, including the remaining portions of sections twenty-five and thirty-six, are drained by East Willow Creek, Segundo, Little Creek, Dry Fork, One Eye and She Canyons which join the former creek where it flows in a westerly direction through the center of the township, meeting Willow Creek in Township Seventeen South Range Twenty East. All of these canyons and nearly all of their forks, except Billie Brown Canyon, are deep, the sides of which are very abrupt and rugged with ledges.

The principal formation is light and red colored sandstone, although outcroppings of oil shale are found throughout the township, more particularly in the sections north of East Willow Creek Canyon, where considerable prospecting for oil has been done; and many claims have been staked off recently in the sections in the northwest portion of the township. I saw no indications of coal or mineral, nor were there any open cuts, diggings or surface workings to indicate that the land had ever been prospected for such.

The soil on the rough portions is a shallow light sandy loam or a red sand, and on nearly all of the slopes there is a light sandy loam about one to three feet deep, lying on a clay subsoil or on bedrock. In the bottoms of some of the ravines the soil is a dark loam, and on the bottom land of the canyons, there is a dark or a black loam several feet deep, which will produce timothy, red top, rye grass and wild hay without irrigation. The width of the bottom land in most of the canyons varies from about five to eight chains, but it is almost impracticable to raise grain or vegetables on account of the cold nights and short summer season. In this locality there is a heavy rainfall nearly every day during the months of July and August.

General Description.

The timber is aspen, spruce, balsam, yellow pine, cedar, mahogany and pinon pine, the first four predominating, and being found mostly in patches on the sides and in the bottoms of ravines, draws and canyons. On the side of She Canyon the timber is heavy, and on the sections N. of East Willow Creek, cedar, pinon pine and mahogany are scattering on the slopes.

The principal undergrowth is oak and buck brush, although there is a dense growth of sagebrush on nearly all of the tops of ridges and spurs in the eastern and northern portions of the township. Dense service berry bushes, young mahogany and aspen are found on the sides of the rough canyons and ravines.

In general, the township is suitable only for grazing purposes, for there is an abundant growth of grass and browse where the surface is not too rough; and as there are large streams of water in nearly all of the canyons, and seeps and small streams in a great many of the ravines, and also numerous springs, this land makes a good summer range for stock. But owing to the dense undergrowth the range is more adapted for cattle and horses, than for sheep; and it is being stocked with cattle and horses at the present time.

Jacob Standifird who uses a portion of this range, has a log cabin, cattle corral, and pasture and meadow land under fence, along the bottom of East Willow Creek and Little Creek Canyons, in section twenty-seven. Mr. Standifird uses this ranch during the summer and fall months. There are several corrals in the bottoms of the canyons; and numerous fences are constructed across many of the canyons, making pastures of the bottom land. There are no roads nor other improvements nor settlers in this township.

Very respectfully,

J. C. Clark

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

Locations of Water in T. 17 S., R. 21 E.

Water is located in this Tp. as follows:

Small stream in a fork of Diamond Canyon in the SE. ¼ SE. ¼ of sec. 25, NE. ¼ NE. ¼, S. ½ NE. ¼ and the NE. ¼ SE. ¼ of sec. 36. Small stream in the bottom of ravine in NW. ¼ NW. ¼ of sec. 36 and in NE. ¼ NE. ¼ of sec. 35. Small stream in the bottom of draw in SW. ¼ SE. ¼ of sec. 24, NW. ¼ NE. ¼ and the NE. ¼ NW. ¼ of sec. 25. Small stream in the bottom of Segundo Canyon in the NE. ¼ NW. ¼ of sec. 25, E. ½ and W. ½ of SW. ¼ of sec. 24, E. ½ SE. ¼, NW. ¼ SE. ¼, NE. ¼ SW. ¼ and S. ½ NW. ¼ of sec. 23, and SE. ¼ NE. ¼ of sec. 22. A small spring in SW. ¼ NW. ¼ of sec. 24. Small stream in SW. ¼ NW. ¼ of sec. 24, SE. ¼ NE. ¼ and N. ½ SE. ¼ of sec. 23. Small stream in a fork of Ten Mile Canyon in E. ½ SE. ¼ and SE. ¼ NE. ¼ of sec. 13. Small stream in a fork of Ten Mile Canyon in NW. ¼ SE. ¼, S. ½ NE. ¼ and NE. ¼ NE. ¼ of sec. 13. Small stream in bottom of ravine in SW. ¼ NW. ¼ of sec. 13 and SE. ¼ NE. ¼ of sec. 14. Stream in a fork of Ten Mile Canyon in E. ½ NE. ¼ of sec. 14, NW. ¼ NW. ¼ of sec. 13, SW. ¼ SW. ¼ of sec. 12, E. ½ SE. ¼ and SE. ¼ NE. ¼ of sec. 11, W. ½ NW. ¼ of sec. 12, W. ½ SW. ¼ and SW. ¼ NW. ¼ of sec. 1. A small spring in SE. ¼ SE. ¼ of sec. 12. Small stream in bottom of ravine in NE. ¼ NW. ¼ of sec. 12 and S. ½ SW. ¼ of sec. 1. Small stream in bottom of ravine in SW. ¼ SE. ¼ and S. ½ SW. ¼ of sec. 35. Spring in SW. ¼ SW. ¼ of sec. 35. Small stream in the bottom of ravine in SW. ¼ SE. ¼, and SE. ¼ SW. ¼ of sec. 26, N. ½ NW. ¼ of sec. 35 and NE. ¼ NE. ¼ of sec. 34. Stream in bottom of canyon in SW. ¼ NW. ¼ and in NW. ¼ SW. ¼ of sec. 14 and SE. ¼ NE. ¼ and N. ½ SE. ¼ of sec. 15. Small stream in bottom of draw in NW. ¼ NW. ¼ of sec. 14 and in NE. ¼ NE. ¼ of sec. 15. Small spring in NW. ¼ NW. ¼ of sec. 11. Small stream in ravine in NW. ¼ NW. ¼ of sec. 11, NE. ¼ NE. ¼ of sec. 10 and in SE. ¼ SE. ¼ of sec. 3. Stream in a fork of Ten Mile Canyon in NW. ¼ NE. ¼ of sec. 10, S. ½ SE. ¼, NE. ¼ SE. ¼ and SE. ¼ NE. ¼ of sec. 3, and W. ½ NW. ¼ of sec. 2.

Locations of water in T. 17 S., R. 21 E.

East Willow Creek in bottom of Canyon in W.½ SW.¼ and W.½ NW.¼ of sec. 35, NE.¼ NE.¼ of sec. 34, E.½ SE.¼, NW.¼ SE.¼ and W.½ NE.¼ of sec. 27, W.½ SE.¼, SW.¼ NE.¼, E.½ NW.¼ and NW.¼ NW.¼ of sec. 22, SW.¼ SW.¼ of sec. 15, S.½ S.½ of sec. 16, S.½ S.½ of sec. 17, S.½ SE.¼, E.½ SW.¼, NW.¼ SW.¼, SW.¼ NW.¼ and lots 1 and 2 of sec. 18, and lot 4 in sec. 7. Little Creek in bottom of canyon in E.½ W.½ of sec. 34, SE.¼ SW.¼ and W.½ SE.¼ of sec. 27. Small stream in bottom of ravine in E.½ NE.¼ of sec. 22. Small stream in a fork of Ten Mile Canyon in E.½ SE.¼ of sec. 4, NW.¼ SW.¼ and W.½ NW.¼ of sec. 3. Stream in Dry Fork Canyon in SE.¼ SW.¼ and W.½ SE.¼ of sec. 33. Seepage of water in draw in SW.¼ SW.¼ of sec. 33. Spring in NE.¼ NW.¼ of sec. 28. Small stream in ravine in NW.¼ NE.¼ and NE.¼ NW.¼ of sec. 28, E.½ SW.¼, S.½ NW.¼ and NW.¼ NW.¼ of sec. 21. Small stream in bottom of ravine in SW.¼ SW.¼ of sec. 9, NW.¼ NW.¼ of sec. 16 and E.½ NE.¼ of sec. 17. Small stream in a fork of Ten Mile Canyon in NW.¼ SE.¼ and W.½ NE.¼ of sec. 4. One Eye Creek in canyon in NW.¼ SE. E.½ and W.½ of NE.¼ of sec. 32, S.½ SE.¼, NW.¼ SE.¼, SW.¼ NE.¼, E.½ NW.¼ and NW.¼ NW.¼ of sec. 29, W.½ SW.¼ of sec. 20, NE.¼ SE.¼, E.½ NE.¼ of sec. 19, and SE.¼ SE.¼ of sec. 18. Small stream in fork of One Eye Canyon in NW.¼ SW.¼, W.½ NW.¼ and NE.¼ NW.¼ of sec. 32, SE.¼ SW.¼ and W.½ SE.¼ of sec. 29. Small stream in fork of One Eye Canyon in NE.¼ SE.¼ of sec. 31, NW.¼ SW.¼, and SW.¼ NW.¼ of sec. 32. Small stream in fork of One Eye Canyon in NE.¼ SE.¼ and SE.¼ NE.¼ of sec. 30, and W.½ NW.¼ of sec. 29, and SW.¼ SW.¼ of sec. 20. Small stream in ravine in N.½ NE.¼ of sec. 20 and SE.¼ SE.¼ of sec. 17. Small stream in ravine in S.½ SW.¼ of sec. 8, S.½ SE.¼ and SE.¼ SW.¼ of sec. 7. Small stream in draw in NW.¼ SW.¼ of sec. 8, and in E.½ SE.¼ of sec. 7. Small stream in a fork of Billie Brown Canyon in NW.¼ NE.¼ of sec. 8, and W.½ of E.½ of sec. 5. Small stream in ravine

Locations of Water in T. 17 S., R. 21 E.

in SW.¼ SW.¼ of sec. 5, and E.½ SE.¼ of sec. 6. Large stream in She Canyon in lots 1, 2, 3 and 4 in sec. 31, lot 4, W.½ SW.¼, lots 3 and 2, W.½ NW.¼ and NE.¼ NW.¼ of sec. 30, E.½ of W.½ of sec. 19, SE.¼ SW.¼ and SW.¼ SE.¼ of sec. 18. Small stream in ravine in S.½ SW.¼ of sec. 30, NW.¼ NW.¼ and lot 1 of sec. 31. Spring on line in SE.¼ SW.¼ of sec. 19 and NE.¼ NW.¼ of sec. 30. Spring in SE.¼ SW.¼ of sec. 19. Three springs in SW.¼ SE.¼ of sec. 18.

Respectfully,

J. B. Clark

U. S. Surveyor.

Walter H. Bond

U. S. Transitman.

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Page

BOOK A-454

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Glen W. Stout	1st. Assistant.
Ralph Chamberlin	1st. "
Stewart C. Campbell	2nd. "
Paul Peterson	2nd. "
Max Ungerman	Cornerman.
La Mar Hansen	"
Ethen Torgerson	Axman.
K. D. Williams	"
James K. P. Miller	Flagman.

The above assistants were employed by us during the survey of T. 17 S., R. 21 E.

6—2701

CERTIFICATE OF UNITED STATES SURVEYOR.

I, J. C. Clark and Walter H. Good, U. S. Transitman, 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 7th. day of February, 1921, We have well, faithfully, and t

in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Inst

tions, and the laws of the United States, surveyed all those parts or portions of the East Bounda

and Subdivision, and Retracement and Resurvey of the West Boundar

or Green River Guide Meridian, and Establishment of Quarter Sectio

Corners on North Boundary of T. 17 S., R. 21 E.

of the Salt Lake Bas

and Meridian, in the State of Utah, which are represente

the foregoing field notes and date diagram on page 1 of same as having been executed by us, and under our direction on the dates shown on said d and that all the corner

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Inst

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 note

such survey.

Walter H. Good
U. S. Transitman.

Reno, Nevada, April 3, 1922.

Salt Lake City, Utah,

J. C. Clark
U. S. Surve

March 30, 1922.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

August 15, 19

The foregoing field notes of the survey of the east boundary and subdivision, an retracement and resurvey of the west boundary or Green River Guide meridian, and establishment of quarter-section corners on north bo

of Tp. 17 S., R. 21 E. S.L.B. & M., Utah

executed by J.C. Clark, U.S.Surveyor and Walter H. Good, U.S.Transitm

under his special instructions dated February 7, 1921, 19XX, having be

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

they describe, are hereby approved.

U. S. Surveyor Gener

I certify that the foregoing transcript of the field notes of the above-described surveys in

T 17 S. R. 21 E, have been correctly copied from the original notes on file in this office.

U. S. Surveyor Gener

6—2764

4—679

BOOK A-454 E

U. S. Surveyor General's Office, FEB 6 1923 SALT LAKE CITY, UTAH

FIELD NOTES

OF THE SURVEY OF THE

EAST BOUNDARY;

SUBDIVISION;

ESTABLISHMENT OF A SEC. COR. ON THE NORTH BOUNDARY;

RETRACEMENT OF A PORTION OF THE MINERAL SURVEYS IN SEC. 20

OF

TOWNSHIP NO. 39 SOUTH, RANGE NO. 18 WEST.

Of the SALT LAKE BASE AND *Meridian,*

in the State of UTAH

EXECUTED BY

JAMES C. O'BRIEN AND CHAS. F. MOORE

in the capacity of U. S. Surveyor ties and U.S. Transitman *under instructions dated* Jan. 17, *1921,*

issued by the United States Surveyor General to govern surveys included in Group No. 109, *which were approved by the Commissioner of the General Land Office,* Feb. 5 and 17, *1921,* and Assignment Instructions dated Feb. 1, 1921 and Supplemental Assignment Instructions dated Jan. 10, 1922.

Survey commenced June 1, *1921*

Survey completed Feburary 21, *1922*

6—151

A Plat F.M.S. Notes K.F.B. F.M.S.

B Computations F.M.S.

C Comparing Plat F.I.S. Notes K.F.B.

BOOK A-454

426

INDEX DIAGRAM.

Township 39 SOUTH, *Range* 18 WEST.

85	84	84	83	83	82
6 81 80	5 64 80	4 51 62	3 38 50	2 25 37	1 12 24
7 28 77	8 62 76	9 48 61	10 36 47	11 23 35	12 11 22
18 75 74	17 59 73	16 46 58	15 34 45	14 21 33	13 9 20
19 71 70	20 57 69	21 44 55	22 31 43	23 18 30	24 8 17
30 68 67	29 54 66	28 41 53	27 29 40	26 15 27	25 6 14
31 65	32 52	33 39	34 26	35 13	36 4

BOOK A-454

4—679 b

INDEX DIAGRAM.

Township 39 S, Range 18 W

~~511~~	~~510~~	~~510~~	~~510~~	~~509~~	~~509~~
6 507	5 490	4 477	3 464	2 451	1 438
~~506~~	~~506~~	~~488~~	~~476~~	~~463~~	~~450~~
7 504	8 488	9 474	10 462	11 449	12 437
~~503~~	~~502~~	~~487~~	~~473~~	~~461~~	~~448~~
18 501	17 485	16 472	15 460	14 447	13 435
~~500~~	~~499~~	~~484~~	~~471~~	~~459~~	~~446~~
19 497	20 483	21 470	22 457	23 444	24 434
~~496~~	~~495~~	~~481~~	~~469~~	~~456~~	~~443~~
30 494	29 480	28 467	27 455	26 441	25 432
~~493~~	~~492~~	~~479~~	~~466~~	~~453~~	~~440~~
31 491	32 478	33 465	34 452	35 439	36 430

0—4817

DATE DIAGRAM OF T. 39 S., R. 18 W.

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

All lines dated and colored in red were surveyed by James C. O'Brien, U.S.Surveyor.

All lines dated and colored in black were surveyed by Chas. F. Moore, U.S.Transitman.

Survey commenced June 1, 1921 and executed with Young and Sons light mountain transits Nos. 8584, used by James C. O'Brien, and No. 8570 used by Chas. F. Moore. Instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are provided with two double veriners each placed opposite 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.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for District No. 6, conditional upon satifactory field tests, in assignment instructions dated Feburary 1, 1921, and supplemental assignment instructions dated Jan. 10, 1921

We examine the adjustments of the instruments and correc the level and collimation errors, then, to test the solar apparatus by comparing their indications resulting from observations made during a.m. and p.m. hours we proceed as follows:

Tests made with Young and Soms light mountain transit No. 8584, used by James C. O'Brien.

June 1, 1921, in camp near the south boundary of sec. 17 T. 39 S., R. 18 W., Salt Lake Base and Mer., Utah, in latitude 37°26'N., and longitude 113°50'W., at 2h 58m 17s a.m., l.m.t., I observe Polaris at eastern elongation, two each with telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a peg firmly driven in the ground about 10 chs. northerly.

Azimuth of Polaris at eastern elongation = 1°24½'.

June 1, 1921, I lay off the azimuth of Polaris, 1°24½' to the west, and mark the meridian thus determined by a tack in a peg firmly driven in the ground 10 chs. north.

June 1, 1921, a 9h0m a.m. app.t. I set off 37°26'N., on the lat. arc, 22°03'N. on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon with the lat. arc unchanged, I observe the sun on the meridain: the resulting reading of the declination arc is 22°04'N. which agrees with the computed declination of the sun.

At 3h0m p.m., app.t. with the latitude arc unchanged, I set off 22°05'N. on the decl. arc; and determine a

meridian with the solar which I find to agree, within 1' of the true meridian.

As all the solar observations during the usual hours of solar work come within 1' of the true meridian, I conclude that the adjustments of the instrument are satifactory. The instrument was maintained in satisfactory adjustment thruout the progress of the survey.

Tests made with Young and Sons light mountain transit No. 8570, used by Chas. F. Moore.

January 25, 1922, in camp near the center of sec. 9, T.39 S., R. 18 W., Salt Lake Base and Meridian, Utah, in latitude 37°27'N., and longitude 113°48½' W., at 11h 10.3m p.m., l.m.t., I 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, on a peg firmly driven in the ground 10 chs. northerly.

Azimuth of Polaris at western elongation = 1°23½'.

Jan. 26, 1922, I lay off the azimuth of Polaris, 1°23½' to the east, and mark the meridian thus determined by a tack in a peg firmly driven in the ground 10 chs. north.

At 9h0m a.m. app.t., I set off 37°27'N. on the Lat. arc, 18°45'S., on the decl. arc, and determine a meridian with the solar which I find agrees with the true meridian.

At app. noon, with the latitude arc unchanged, I observe the sun on the meridian: the resulting reading of the decl. arc. is 18°43½'S. which agrees with the computed decl. of the sun.

At 3h0m p.m., app.t., with the lat. arc. unchanged, I set off 18°41'S., on the decl. arc: and determine a meridain which I find agrees with the true meridian.

Feb. 21, 1922, at the conclusion of the survey, to prove the continued satisfactory adjustment of the solar apparatus during the progress of the survey, I place

the instrument on the above meridian and proceed as follows:-

At 9h0m a.m. app.t., I set off 37°27'N.,on the lat. arc; and 10°38½'S., on the decl. arc; and determine a meridian with the solar which agrees with the true meridian.

At app. noon with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 10°36'S. which agrees with the computed decl. of the sun.

At 3h 0m. p.m. app.t. with the lat. arc unchanged, I set off 10°33½'S. on the decl. arc; and determine a meridian which agrees with the true meridain.

The instruments performed consistently thruout the progress of the survey.

----------MEASUREMENTS.----------

Unless otherwise specified all measurements are made with a Lallie 8 chain steel ribbon tape found to be correct by comparison with Lufkin standard steel tape 1 chain in length. All measurements are made on the slope, the vertical angle determined with Keuffel & Esser clinometers, and the slope measurements properly reduced to the true horizontal distances.

SURVEY OF THE EAST BOUNDARY OF T.39 S., R. 18 W.

Chains From the cor. of Tps. 39 and 40 S., Rs.17 and 18 W. which is a granite stone, 10x10x9 ins., above ground,firmly set,marked and witnessed as described by the surveyor general.

North, on E. bdy. sec. 36.

Over mountainous land thru scattering timber and dense under growth.

4.70 Bottom of draw, 72 ft.below Tp.cor.,drains E.; ascend.

12.60 Spur, projects NE., 133 ft. above draw.

Chains	
	Desc. NE. slope.
17.00	Bottom of draw, 138 ft. below spur, drain E.; asc. SE. slope.
21.70	Top of spur, projects E., 169 ft. above draw; desc. NE. slope.
26.60	Bottom of draw, 54 ft. below spur, drains E.; asc. SW. slope.
28.30	Top of spur, 18 ft. above draw, project E.; desc NE. slope.
31.10	Bottom of ravine, 230 ft. below spur, drains E.; asc SE. slope.
40.00	19 ft. above ravine; asc. [illegible] slope.
	Set iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor. of secs. 31 and 36, with brass cap marked
	¼ S 36 | S 31 1921
	from which
	A cedar, 6 ins. in diam., bears S.53½°E., 180 lks. dist., ¼ S 31 B T.
	A cedar, 6 ins. in diam., bears S.62¾°W., 59 lks. dist., mkd. ¼ S 36 B T.
	Natural obstacles prevent setting post required depth.
43.50	Top of spur, 94 ft. above ¼ sec. cor., project E.; desc. NE. slope.
57.80	Bottom of ravine, 250 ft. below spur, drains SE.; asc. SE. slope.
64.60	Trail, bears E. and W.
80.00	351 ft. above ravine.
	Set iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 25, 30, 36 and 31, with brass cap marked
	T 39 S R 18 W | R 17 W S 25 | S 30 S 36 | S 31 1921
	from which
	A cedar, 8 ins. in diam., bears N.74¼°E., 119 lks. dist., mkd. T 39 S R 17 W S 30 B T.
	A cedar, 8 ins. in diam., bears S.36°E., 128 lks. dist., mkd. T 39 S R 17 W S 31 B T

Chains	
	A cedar, 10 ins. in diam., bears S. 33½° W., 13 lks. dist., mkd. T 39 S R 18 W S 36 B T.
	A cedar, 8 ins. in diam., bears N. 19½° W., 91 lks. dist., mkd. T 39 S R 18 W S 25 B T.
	Natural obstacles prevent post being set required depth.
	Land, rough mountainous, with a general easterly drainag
	Soil, rocky and gravelly 3rd. and 4th. rate.
	Timber, scattering cedar.
	Undergrowth, oak, manzanita and almond brush.
	Fair grazing.
	North between secs. 25 and 30
	Ascend SE. slope, through scattering pinon pine and ceda and scattering undergrowth of oakbrush, dog wood and manzanita.
5.40	Top of spur, 98 ft. above sec. cor., project SE.; desc. NE. slope.
9.20	Bottom of ravine, 82 ft. below spur, drains SE.; asc SE. slope.
12.50	Top of spur, 46 ft. above ravine, projects SE.; desc. NE. slope.
21.80	Bottom of draw, 130 ft. below spur, drains SE.; asc. SE. slope.
29.90	Top of spur, 69 ft. above draw, project SE.; desc. NE. slope.
	Enter dense timber bears E. and W.
35.60	Bottom of ravine, 74 ft. below spur, drains SE.; asc. SE. slope.
40.00	88 ft. above spur.
	Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S 25 | S 30

1921

from which

A pinon pine, 10 ins. in diam., bears N. 43½° E.

Chains	
	28 lks. dist., mkd. ¼ S 30 B T.
	A pinon pine, 10 ins. in diam., bears N.79°W.,
	53 lks. dist., mkd. ¼ S 25 B T.
	Natural obstacles prevent post being set required depth.
42.00	Top of spur, 10 ft. above the ½ sec. cor., projects SE.;
	desc. NE. slope.
45.40	Bottom of draw, 70 ft. below the spur, drains SE.; asc.
	SE. slope.
48.00	Top of spur, 14 ft. above draw, project SE.; desc. NE.
	slope.
61.40	Bottom of ravine, 10 ft. below spur, drains SE.; asc
	SE. slope.
71.60	Top of spur, 230 ft. above ravine, project SE.; desc.NE.
	slope.
80.00	52 ft. below spur.
	Set iron post 3 ft. long, 2 ins. in diam., 27 ins. in
	the ground, for the cor of secs. 19, 24, 25 and 30,
	with brass cap mkd.

T 39 S
R 18 W R 17 W
S 24 | S 19
S 25 | S 30
1921

from which

A pinon, 6 ins. in diam., bears N.45¾°E., 58 lks.
dist., mkd. T 39 S R 17 W S 19 B T.

A pinon, 6 ins. in diam., bears S.42°E., 95 lks.
dist., mkd. T.39 S R 17 W S 30 B T.

A pinon, 9 ins. in diam., bears S.40½°W., 51 lks.
dist., mkd. T 39 S.R 18 W S 25 B T.

A pinon, 8 ins. in diam., bears N.49½°W., 35 lks.
dist., mkd. T 39 S R 18 W S 24 B T.

Land, rough mountainous.

Soil, rocky and gravelly; 3rd and 4th. rate.

Undergrowth, dense oakbrush, dog wodd, manzanita and almond brush.

Timber, dense and scattering pinon and cedar.

Fair grazing.

Chains	
	North between secs. 19 and 24.
	Desc. NE. slope, thru scattering pinon and cedar timber, dense undergrowth of dog wood, manzanita and oakbrush.
2.00	Draw, 4 ft. below sec. cor., drains SE.; asc, SE. slope.
3.40	Top of spur, 8 ft. above draw, projects SE.; desc. NE. slope.
7.40	Bottom of draw, 62 ft. below spur, drains SE.; asc. SE. slope.
7.90	Top of spur, 20 ft. above draw, projects SE.; desc. NE. slope.
13.50	Bottom of ravine, 38 ft. below spur, drains SE.; asc. SE. slope.
27.90	Top of spur, 188 ft. above ravine, projects SW.; asc. SW. slope.
33.90	Draw, 60 ft. below spur, drains SW.; asc. SE. slope.
38.00	Top of spur, 102 ft. above draw, projects SW.; desc. NW. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 24 | S 19 1921 from which A cedar, 6 ins. in diam., bears N.66¾° E., 49 lks. dist., mkd. ¼ S 19 B T. A cedar, 8 ins. in diam., bears S.72°W., 57 lks. dist., mkd. ¼ S 24 B T.
	Natural obstacles prevent setting post required depth.
41.00	Begin asc. over SW. slope.
45.70	Top of spur, 58 ft. above ft. of ascent., projects W.; desc. NW. slope.
50.10	Bottom of draw, 56 ft. below spur, drains W.; asc. SW. slope.
58.70	Top of spur, 186 ft. above draw, projects W.; desc. NW. slope.
63.70	Bottom of draw, 107 ft. below spur, drains W.; asc SW. slope.

Chains	
66.20	Top of spur, 5 ft. above draw, project W.; continue ascent.
72.70	Top of spur, 45 ft. above spur, projects W.; desc.NW. slope.
74.80	Bottom of draw, 9 ft.below spur, drains W.; asc. SW. slope.
80.00	129 ft. above draw.

Set iron post, 3 ft. long, 2 ins. in diam.,8 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 13, 18, 19 and 24, with brass cap marked

T 39 S
R 18 W | R 17 W
S 13 | S 18
S 24 | S 19
19 | 21

from which

A cedar, 6 in.in daim., bears N.44½°E., 55 lks. dist., mkd. T 3 9 S R 17 W S 18 B T

A cedar, 4 ins. in diam., bears S.39¾°E.,88 lks. dist., mkd. T 39 S R 17 W S 19 B T.

Natural obstacles prevents setting post required depth. There are no other tree available, so I mark a stone 4 x 6 x 8 ins. with X and desposit at base of monument.

Land, rough mountains, with general drainage to the SW.

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

Timber, scattering pinon and cedar.

Undergrowth, dense dog wood, oakbrush, and manzanita.

Good grazing.

North between secs. 13 and 18.

Ascend SW. slope thru dense growth of oakbrush, manzanita live oak, dog wood and service berry.

0.40	Dixie National Forest Reserve fence, 4 barb wires, bears NE. and SW.
2.00	Top of spur, 56 ft. above sec. cor., projects W.; desc. NW. slope.
8.20	Bottom of ravine, 55 ft. below spur, drains SE.; asc.SW. slope.

Chains	
16.30	Top of spur, 233 ft. above ravine, projects SE.; asc. SW. slope.
29.00	Top of spur, 574 ft. above spur, projects S.; asc.S. slope.
39.70	Top of spur, 745 ft. above spur, projectsS.; continue ascent.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor. with brass cap marked

¼

S 13 | S 18.

1921

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

48.20	Top of spur, 167 ft. above spur, projects NW.; desc. NE. slope.
66.90	Bottom of deep ravine, 443 ft. below spur, drains SE.; asc. SE. slope.
80.00	427 ft. above ravine.

Set iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground, surrounded by a mound of stone, for the cor. of secs.7, 12, 13 and 18, with brass cap marked

T 39 S

R 18 W | R 17 W

S 12 | S 7

S 13 | S 18

1921

Deposit a memorial at base of monument, which is a sand stone, 6x8x10 ins., marked with a cross(X). There are no other accessories available and pits are impracticable.

Natural obstacles prevent setting post required depth.

Land, rough mountainous, general drainage SE.

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

Timber, none.

Undergrowth, dense oak, live-oak, serviceberry, manzanita, dogwood brush.

Fair grazing.

Chains	
	North, between secs. 7 and 12.
	Over rough mountainous land, covered with dense growth of sage and buck brush. Asc. along SE. slope.
3.40	Top of ridge, 66 ft. above sec. cor., bears NE. and SW.; desc. N. slope
27.60	Draw, 666 ft. below spur, drains NE.; asc. S. slope.
39.30	Top of ridge, 358 ft. above draw, bears E. and W.; desc N. slope.
40.00	Three ft. below top of ridge, on N. slope.
	Set iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 12 | S 7 1922
	Deposit memorial, which is a sandstone, 3 X 4X 5 ins., marked with a cross(X) at base of the monument. No other accessories available. Pits impractiable. Natural obstacles prevent setting post required depth.
54.50	Bottom of draw, 408 ft. below ¼ sec. cor., drains NE.; asc. SE. slope.
63.80	Bottom of small draw, 80 ft. below draw, drains E. 1 ch. into main draw; asc. S. slope.
64.80	Low spur, 8 ft. above draw, projects W.; desc. N. slope.
74.90	Bottom of draw, 114 ft. below spur, drains E.; asc. S. slope.
80.00	Top of rocky spur, 94 ft. above draw, projects E.; on sandstone surface rock mark a cross (x) over which.
	Set iron post, 3 ft. long, 2 ins. in diam., 28 ins. in mound of stone, for the cor. of secs. 1, 6, 7 and 12, with brass cap marked
	T 39 S R 18 W R 17 W S 1 | S 6 S 12 | S 7 1922
	Land, rough mountains, general drainage E.
	Soil, rocky, 3rd. rate.

Chains	
	Under growth, sage and buck brush.
	Timber, none.
	Fair, grazing.
	North, between secs. 1 and 6.
	Over rough mountainous land covered with dense growth of sage and buck brush, with a few scattering pinon pines, desc. along NE. slope.
21.90	Draw, 190 ft. below sec. cor., drains E.; asc. S. slope.
27.20	Low spur, 5 ft. above draw, projects E.; desc. N. slope.
38.20	Main draw, 206 ft. below spur, with small snow stream, 2 lks. wide, 2 ins. deep, course S.80°E.; asc. S. slope.
40.00	Sixty-nine ft. above draw,
	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	S 1 | S 6 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, west of the cor.
67.80	Spur, 354 ft. above ¼ sec. cor., projects E.; desc. along NE. slope.
71.00	Draw, 30 ft. below spur, drains W.; asc. S. slope.
74.71	Intersect N. Bdy. of Tp. 14.62 chs. E. of the cor. of Tps. 38 and 39 S., Rs. 17 and 18 W. which is an iron post, 3 ft. long, 3 ins. in diam., 8 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general. At intersection,
	Set iron post, 3 ft. long, 3 ins. in diam., 28 ins. in the ground, for the cor. of Tps. 39 S., Rs. 17 and 18 W., with brass cap marked
	T 38 S R 17 W S 31 S1 R 18 W | S 6 R 17 W T 39 S 1921
	Raise mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Chains	
	Note:- I destroy all marking on old cor. of Tps.38 and 39 S., Rs.17 and 18 W., pertaining to T. 39 S.,Rs.17 and 18 W.
	Land, rough mountains, general drainage SE.
	Soil, rocky, 3rd. rate.
	Timber, scattering pinon pine.
	Under growth, sage and buck brush.
	Fair grazing.
	From the cor. of secs. 1, 2, 35 and 36, Tps. 39 and 40 S., Rs. 18 W., which is aniron post, 3 ft. long, 2 ins. in diam., 18 ins. above ground, with 6 ins. in mound of stone, firmly set and marked and witnessed as described by the surveyor general.
	N.0°01'W.,between secs. 35 and 36.
	Asc. S. slope, thru scattering pinon and cedar and dense growthof oak, manzanita, buck, almond and dog wood brush.
15.10	Top of spur, 302 ft. above the sec. cor., projects SE.; desc. NE.slope.
24.10	Bottom of ravine, 144 ft. below spur, drains E.; asc. SW. slope.
35.70	Bottom of draw, 311 ft. above ravine, drains E.; continue asc. over SW. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 35 | S 36 1921
	Raise mound of stone, 2 ft. base, 1½ ft. high, W. of the cor.
	Natural obstacles prevents setting post required depth.
49.00	Top of spur, 432 ft. above ravine, projects E.; desc. NE. slope.
68.60	Bottom of ravine,318 ft. below spur, drains SE.; asc. SE. slope.

Chains

80.00 On SE. slope, 138 ft. above ravine.

Set iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 25, 26, 35 and 36, with brass cap marked

T 39 S R 18 W
S 26 | S 25
S 35 | S 36
1921

from which

A pinon pine, 8 ins. in diam., bears N.59½°E., 91 lks. dist., mkd. T 39 S R 18 W S 25 B T.

A pinon pine, 10 ins. in diam., bears S.60° E., 61 lks. dist., mkd. T 39 S R 18 W S 36 B T.

A pinon pine, 6 ins. in diam., bears S.40°W., 91 lks. dist., mkd. T 39 S R 18 W S 36 B T.

A pinon pine, 6 ins. in diam., bears N.35½°W., 81 lks. dist., mkd T 39 S R 18 W S 26 B T.

Natural obstacles prevent setting post required depth.

Land, rough mountains, general drainage SE.

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

Timber, scattering pinon pine and cedar.

Undergrowth, dense oak, manzanita, almond, buck and dog wood brush.

Fair grazing.

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

40.00 Set temp. ¼ sec. cor.

79.78 Intersect East bdy of Tp. 14 lks. S. of the cor. of secs. 25, 30, 31 and 36.

Thence

S.89°54'W. on true line, between secs. 25 and 36.

Over mountainous land, asc. SE. slope, thru scattering pinon and cedar, and dense growth of manzanita, buck, sage and dog wood brush.

1.20 Top of spur, 20 ft. above secs. cor., projects S.; desc. SW. slope.

9.50 Bottom of ravine, 282 ft. below spur, drains SE.; asc.

Chains	
	SE. slope.
13.70	Top of spur, 96 ft. above ravine, projects, SE.; desc. SW. slope.
21.40	Bottom of ravine, 50 ft. below spur, drains SE.; asc. NE. slope.
39.89	On NE. slope, 103 ft. above ravine.
	Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor. with brass cap marked
	¼ S 25 / S 36 1921
	from which
	A pinon pine, 9 ins. in diam., bears N.49½°W., 194 lks.dist., mkd. ¼ S 25 B T .
	A pinon pine, 8 ins. in diam.,bears S.11½°E., 108 lks. dist.,mkd. ¼ S 36 B T.
	Natural obstacles prevent setting post required depth.
50.28	Top of spur, 217 ft. above ravine, projects N.; desc. NW. slope.
52.50	Bottom of draw, 28 ft. below spur, drains N.; asc.NE. slope.
62.70	Top of spur, 256 ft.above draw, projects NE.; desc. NW. slope.
	Leave scattering timber bears NW. and SE. and enter heavy timber bears NW. and SE.
64.90	Bottom of draw, 28 ft. below spur, drains NE.; asc. NW. slope.
76.00	Top of spur, 171 above draw, projects SE.; desc SW.slope.
79.78	The cor. of secs. 25, 26, 35 and 36, 2 ft. below spur.
	Land, mountainous, general drainage E.
	Soil, rocky and gravelly, 3rd. and 4th. rate.
	Timber, scattering and heavy pinon and cedar.
	Undergrowth, manzanita, oak,buck and almond brush.
	Fair grazing.

N.0°01'W., between secs. 25 and 26.

Chains	
	Ascend over SW. slope covered withdense growth of cedar and pinon and undergrowth of dogwood, oak, manzanita and buck brush.
1.90	Top of spur, 40 ft. above sec. cor., projects SE.; desc. NE. slope.
20.20	Bottom of draw, 208 ft. below spur, drains NE.; asc. SW. slope.
25.40	Top of spur, projects NE., 177 ft. above draw; desc. NW. slope.
32.00	Bottom of ravine, 102 ft. below s pur, drains NE.; asc. SW. slope.
39.95	Top of spur, 193 ft. above ravine, projects SE.; desc. abruptly.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with the brass cap marked ¼ S 26 | S 25 1921 Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
40.90	Bottom of draw, 20 ft. below spur, drains S.; asc. SW. slope.
57.70	Top of spur, 330 ft. above draw, projects NE.; desc.NE. slope.
67.30	Bottom of draw, 151 ft. below spur, drains E.; asc. S. slope.
68.10	Top of spur, 5 ft. above draw, projects S.; desc. NE. slope.
74.20	Bottom of draw, 121 ft. below spur, drains NE.; asc.
78.60	Top of spur, 26 ft. above draw, projects E.; desc. gradually.
80.00	Set iron post, 3 ft. long, 2 ins. in diam.,10 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 23, 24, 25 and 26, with brass cap marked

Chains	
	T 39 S R 18 W S 23 | S 24 S 26 | S 25 1921
	from which
	A pinon pine, 4 ins. in diam., bears N.37¾°E., 28 lks. dist., mkd. T 39 S R 18 W S 24 B T.
	A pinon pine, 6 ins. in diam., bears S.39½°E., 53 lks. dist., mkd. T 39 S R 18 W S 25 B T.
	A pinon pine, 8 ins. in diam., bears S.24½°W., 87 lks. dist., mkd. T 39 S R 18 W S 26 B T.
	A pinon pine, 4 ins. in diam., bears N.41°W., 256 lks. dist., mkd. T 39 S R 18 W S 23 B T.
	Land, mountainous, general drainage east.
	Soil, rocky and gravelly; 3rd. and 4th rate.
	Timber, scattering and dense pinon and cedar.
	Undergrowth, oak, dogwood, almond and manzanita brush.
	Fair grazing.
	N.89°54'E., on random line, between secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect E. bdy. of tp. 26 lks. N. of the cor. of secs. 19, 24, 25 and 30
	Thence
	N.89°55'W., on true line, between secs. 24 and 25.
	Asc. SE. slope, over mountainous land, thru dense growth of cedar and pinon, and undergrowth of dogwood, oak and manzanita brush.
9.30	Top of spur, 166 ft. above cor., projects SE.; desc. SW. slope.
16.70	Bottom of draw, 89 ft. below spur, drains SE.; asc. SE. slope.
20.70	Top of spur, 5 ft. above draw, projects SE.; desc. SW. slope.
22.10	Bottom of ravine, 16 ft. below spur, drains SE.; asc. SE. slope.
39.90	On SE. slope, 234 ft. above ravine.

Chains	
	Set iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 24}{S\ 25}$ 1921
	from which
	A pinon pine, 8 ins. in diam., bears N.28°E., 36 lks. dist., mkd. ¼ S 24 B T.
	A pinon pine, 10 ins. in diam., bears S.4°E., 53 lks. dist., mkd. ¼ S 25 B T.
	Natural obstacles prevents setting post required depth. Continue asc. over SE. slope.
46.10	Top of spur, 276 ft. above ravine, projects SE.; desc. SW. slope.
58.80	Bottom of draw, 280 ft. below spur, drains SE.; asc. SE. slope.
65.20	Top of spur, 6 ft. above draw, projects S.; desc. SW. slope.
74.30	Bottom of ravine, 176 ft. below spur, drains SE.; asc. SE. slope.
79.80	The cor. of secs. 23, 24, 25 and 26, 82 ft. above ravine.
	Land, mountainous, general slope to NE.
	Soil, rocky and gravelly; 3rd and 4th rate.
	Timber, cedar and pinon pine.
	Undergrowth, dense dogwood, manzanita, oak and buck brush.
	Fair grazing.
	N.0°01'W., between secs. 23 and 24.
	Desc. NE. slope over mountainous land, thru dense growth of cedar and pinon and undergrowth of oak, dogwodd and manzanita brush.
0.90	Bottom of draw, 18 ft. below sec. cor., drains NE.; asc. S. slope.
4.70	Top of spur, 34 ft. above draw, projects E.; desc. NE. slope.

Chains	
6.00	Bottom of draw, 27 ft. below spur, drains E.; asc. W. slope.
6.80	Top of spur, 23 ft. above draw, projects E.; desc. NE. slope.
11.50	Bottom of ravine, 38 ft. below, spur, drains SE.; asc. SW. slope.
30.30	Top of spur, 298 ft. above ravine, projects SE.; desc. along W. slope.
40.00	On W. slope 15 ft. above spur.
	Set iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 23 | S 24 1921
	from which
	A cedar, 6 ins. in diam., bears N. 77¾°E., 50 lks. dist., mkd. ¼ S 24 B T.
	A cedar, 4 ins. in diam., bears N. 45¾°W., 53 lks. dist., mkd. ¼ S 23 B. T.
	Continue asc. along W. slope.
43.50	Top of spur, 63 ft. above ¼ sec. cor., projects SE.; asc. along E. slope.
64.70	Top of spur, 123 ft. above spur, projects NE.; desc. N. slope.
80.00	On N. slope, 194 ft. below spur.
	Set iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 13, 14, 23 and 24, with brass cap marked
	T 39 S R 18 W S 14 | S 13 S 23 | S 24 1921
	Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Natural obstacles prevent setting post required depth.
	Land, mountainous, general drainage E.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, cedar and pinon pine.

Chains	
	Undergrowth, oak, dogwood and manzanita brush.
	Fair grazing.
	S.89°55'E., on random line, between secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
80.24	Intersect E. bdy of Tp. 46 lks. S. of the cor. of secs. 13, 18, 19 and 24 heretofore described.
	Thence
	S.89°45'W., between secs. 13 and 24, on true line.
	Desc. SW. slope, over mountainous land, thru dense cedar and pinon, and undergrowth of oak, dogwood and manzanit brush.
0.40	Dixie Nat. Res. Fence, 5 barbed wires, bears NE. and SW.
4.40	Bottom of ravine, 73 ft. below cor., drains SW.; asc. SE. slope.
8.90	Dixie National Forest Reserve fence, 5 barb wires, bears NW. and SE.
15.30	Top of spur, 281 ft. above ravine, projects SE.; desc. W. slope.
25.00	Bottom of ravine, 181 ft. below spur, drains SE.; asc. SE. slope.
28.30	Top of spur, 88 ft. above ravine, projects SE.; desc. SW. slope.
34.60	Bottom of draw, 116 ft. below spur, drains SE.; asc. SE. slope.
37.80	Top of spur, 50 ft. above draw, projects SW.; desc. SW. slope.
40.12	On SW. slope, 33 ft. below spur.
	Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 13 / S 24 1921
	Raise mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Continue desc. over SW. slope.
	Natural obstacles prevent setting post required depth.

Chains	
45.00	Creek in bottom of ravine, 1 in. deep, 4 lks. wide, 71 ft. below ¼ sec. cor., course SE.; asc. NE. slope.
64.20	Top of spur, 296 ft. above ravine, projects NE.; desc. SE. slope.
80.24	The cor. of secs. 13, 14, 23 and 24, 57 ft. below spur.
	Land, mountainous, general drainage east.
	Soil, rocky and gravelly; 3rd. rate.
	Timber, scattering cedar and pinon.
	Undergrowth, dense oak, manzanita and dogwood brush.
	Fair grazing.
	N. 0°01' W., between secs. 13 and 14.
	Desc. abruptly over NE. slope, covered with scattering cedar and dense undergrowth of sage, lime oak, scrub oak, dogwood, service berry and buck brush.
5.20	Stream of good water in bottom of ravine, 5 lks. wide, 1 in. deep, 58 ft. below spur, drains NE.; abrupt asc.
8.00	Top of spur, 13 ft. above ravine, projects NE.; desc. N. slope.
10.10	Bottom of ravine, 17 ft. below spur, drains NE.; asc. S. slope.
20.40	Top of spur, 299 ft. above ravine, projects E.; desc. NE. slope.
24.80	Bottom of draw, 128 ft. below spur, drains E.; asc. SE. slope.
29.00	Top of spur, 3 ft. above draw, projects SE.; desc. NE. slope.
36.50	Bottom of draw, 98 ft. below spur, drains SE.; asc. SE. slope.
40.00	On SE. slope, 66 ft. above draw.
	Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼
	S 14 | S 13
	1921

Chains

Deposit a memorial, which is a stone, marked with cross (x), at base of monument.

Natural obstacles prevent setting post required depth. Continue ascent.

42.10 Spur, 102 ft. above ¼ sec. cor., projects SE.; desc NE. slope.

47.00 Dixie National Forest Reserve fence, 5 barb wires, bears NW. and SE.

49.90 Ravine, 68 ft. below spur, drains SE.; asc. S. slope.

80.00 On S. slope, 373 ft. above ravine.

Set iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 11, 12, 13 and 14, with brass cap marked

T 39 S R 18 W
S 11 | S 12
S 14 | S 13
1921

Deposit memorial at base of monument, which is a stone, marked with cross(x).

Natural obstacles prevent setting post required depth.

Land, mountainous, general drainage SE. and NE.

Soil, rocky and gravelly;3rd. and 4th. rate.

Timber scattering cedar.

Undergrowth, sage, live oak, scrub oak, service berry, dogwood and buck brush.

Fair grazing.

N.89°45'E., on random line, between secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect E. bdy. of township, 7 lks. S. of the cor. of secs. 7, 12, 13 and 18.

Thence

S.89°42'W., on true line, between secs. 12 and 13.

Desc. along SE. slope, covered with a medium growth of oak, sage and buck brush.

[illegible] Top of ridge, 114 ft. above sec. cor., bears SE. and NW.; Desc. along SE. slope.

[illegible] Bottom of draw, 114 ft. below ridge, drains SE.; desc.

Chains	
	along SE. slope.
40.05	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 12 / S 13 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Cor. stand on NE. slope, 98 ft. above draw; continue asc. along NE. slope.
54.10	Top of ridge, 264 ft. above ¼ sec. cor., bears SE. and NW.; desc. along SW. slope.
61.10	Draw, 504 ft. below ridge, drains S.; asc. along SE. slope.
80.10	The cor. of secs. 11, 12, 13 and 14. 32 ft. above draw.
	Land, mountainous, general drainage East.
	Soil, rocky and gravelly; 3rd. and 4th rate.
	Timber, none.
	Undergrowth, medium growth of oak, sage and buck brush.
	Fair grazing.
	N.0°01'W., between secs. 11 and 12.
	Over rough mountainous land, covered with medium growth of sage, oak and buck brush. Asc. along S. slope.
18.00	Ridge, 464 ft. above sec. cor., bears E. and W.; desc. along NE. slope.
32.10	Draw, 254 ft. below ridge, drains NW.; asc. S. slope.
40.00	Rock ledge, impossible to set ¼ sec. cor.
40.50	Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, surrounded by mound of stone, for the witness ¼ sec. cor., with brass cap marked ¼ S 11 | S 12 W C 1922
	Deposit a memorial at base of monument, which is a sandstone, 3 x 4 x 5 ins. marked with cross (x).
40.60	Rocky spur, 218 ft. above draw, projects NW.; desc. abruptly.

Chains	
60.10	Draw, 328 ft. below spur, drains W.; asc. S. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 1, 2, 11 and 12, with brass cap marked T 39 S R 18 W. S 2 | S 1 S 11 | S 12 1922 Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Cor. stands in low saddle, 215 ft. above draw. Land, mountainous; general drainage SW. Soil, rocky and gravelly; 3rd. and 4th. rate. Timber, none. Undergrowth, medium growth of sage, oak and buck brush. Fair grazing.
	N.89°42'E., on random line, between secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect E. Bdy. of Tp. 5 lks. S. of the cor. of secs. 1, 6, 7 and 12. Thence S.89°40'W., between secs. 1 and 12, on true line. Over rough mountainous land, asc. along SE. slope, covered with medium growth of sage, service berry and buck brush.
26.10	Point of spur, 32 ft. above sec. cor., projects N.75°E.; desc. along SW. slope.
33.20	Draw, 64 ft. below spur, drains NE.; Asc. along E. slope.
39.97	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 1 S 12 1922 Raise mound of stone, 2 ft. base, 1½ ft. high N. of cor. Cor. stand on E. slope, 126 ft. above draw. Continue gradual ascent.
53.40	Spur, 212 ft. above ¼ sec. cor., projects NE.; desc. W. slope.

Chains	
60.60	Draw, 128 ft. below spur, drains N.; asc. E. slope.
79.94	The cor. of secs. 1, 2, 11 and 12, 74 ft. above draw.
	Land, rough mountains, general slope SW.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, none.
	Undergrowth, medium growth, of sage, service berry and buck brush.
	Fair grazing.
	N.0°01'W., between secs. 1 and 2, on true line.
	Over rough mountainous land, desc. along N. slope, covered with mediun growth of sage, service berry and buck brush.
9.30	Leave spur, 200ft. below sec. cor., projects NW.; desc. along N. slope.
29.00	Draw, 466 ft. below spur, drains NW.; continue desc. along N. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	S 2 ¼ S 1
	1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Cor. stands on N. slope, 506 ft. below spur.
41.50	Draw, 32 ft. below ½ sec. cor., drains SE.; asc. gentle S. slope.
67.30	Spur, 148 ft. above draw, projects W.; desc. along, W. slope.
70.70	Draw, 26 ft. below spur, drains W.; asc. N. slope.
75.18	Intersect N. bdy. of Tp. 14.82 chs. E. of cor. of secs. 1, 2, 35 and 36, Tps. 38 and 39 S., R. 18 W., which is an iron post, 3 ft. long, 3 ins. in diam., firmly set in the ground, marked and witnessed as described by the surveyor general. At intersection.
	Set iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, surrounded by mound of stone, for the

Chains	
	closing cor. of secs. 1 and 2, T. 39 S., R.18 W., with brass cap marked
	T 38 S R 18 W S 36 S 2 | S 1 T 39 S R 18 W CC 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Natural obstacles prevent setting post required depth.
	Land, rough mountains, general drainage SE.
	Soil, gravelly and rocky 3rd. and 4th. rate.
	Timber, none.
	Undergrowth, sage, service berry and buck brush.
	Fair grazing.
	From the cor. of secs., 2, 3, 34 and 35, Tps. 39 and 40 S., R. 18 W., which is aniron post, 3 ft. long, 2 ins. in diam., 4 ins. above ground, surrounded by mound of stone, marked and witnessed as described by the surveyor general.
	N.0°01'W., between secs. 34 and 35.
	Over rough mountainous land, covered with scattering growth of pinon pine and cedar, and dense growth of oak, manzanita, buck and almond brush. Desc. SE. slope.
3.10	Draw, 23 ft. below sec. cor., drains SE.; asc. SW. slope.
11.50	Spur, 18 ft. above draw, projects SE.; desc. SE. slope.
13.30	Draw, 18 ft. below spur, drains SE.; asc. SW. slope.
17.00	Spur, 16 ft. above draw, projects SE.; desc. SE. slope.
18.30	Ravine, 30 ft. below spur, drains SE.; asc. SW. slope.
23.00	Spur, 55 ft. above ravine, projects SE.; desc. NE. slope.
27.50	Ravine, 119 ft. below spur, drains SE.; asc. SW. slope.
38.60	Spur, 139 ft. above ravine, projects SE.; desc. SE. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 14 ins. the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 34 | S 35 1921

Chains	
	from which
	A pinon pine, 6 ins. in diam., bears N.36½°E., 21 lks. dist., mkd. ¼ S 35 B T.
	A cedar, 8 ins. in diam., bears N.60½°W., 40 lks. dist., mkd. ¼ S 34 B T.
	Natural obstacles prevent setting post the required depth.
	This cor. stands on SE. slope, 15 ft. below spur.
40.20	Small draw, 3 ft. below ¼ sec. cor., drains SE.; asc.
60.30	Spur, 190 ft. above draw, projects SE.; desc. N. slope.
69.50	Ravine, 150 ft. below spur, drains SE.; asc. SW. slope.
75.30	Telephone line, bears SE. and NW. Goldstrike to St. George Utah
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 20 ins. in ground on solid rock, surrounded by mound of stone, for the cor. of secs. 26, 27, 34 and 35, with brass cap marked

T 39 S R 18 W
S 27 | S 26
S 34 | S 35
1921

from which

A pinon pine, 8 ins. in diam., bears N.27¼°E., 34 lks. dist., mkd. T 39 S R 18 W S 26 B T.

A pinon pine, 4 ins. in diam., bears S.6°E., 22 lks. dist., mkd. T. 39 S R 18 W S 35 B T.

A pinon pine, 8 ins. in diam., bears S.39¼°W., 70 lks. dist., mkd. T 39 S R 18 W S 34 B T.

A pinon pine, 6 ins. in diam., bears N.59¾°W., 76 lks. dist., mkd. T 39 S R 18 W S 27 B T.

This cor. stands on of irregular ridge, general bearing NW. and SE., 150 ft. above ravine.

Land, rough mountains, general drainage SE.

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

Timber, scattering pinon pine and cedar.

Undergrowth, dense manzanita, oak, buck, and almond brush.

East on a random line between secs. 26 and 35.

Chains	
40.00	Set temp. ¼ sec. cor.
79.70	Intersect. N. and S. line, 14 lks. S. of the cor. of secs. 25, 26, 35 and 36.
	Thence
	S.89°54'W., on a true line, bet. secs. 26 and 35.
	Desc. W. slope over mountainous land, covered with scattering cedar and pinon pine, and dense growth of manzanita, dogwood, almond, oak and buck brush.
2.40	Draw, 45 ft. below sec. cor., drains S.; asc. SE. slope.
20.90	Spur, 120 ft. above draw, projects S.; desc. SW. slope.
25.80	Ravine, 120 ft. below spur, drains SE.; asc. E. slope.
33.80	Spur, 220 ft. above ravine, projects SE.; asc. E. slope.
39.85	Set iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 26 / S 35 1921
	Raise mound of stone, 3 ft. base, 1½ ft. high, N. of cor.
	This cor. stands on W. slope, 235 ft. below spur.
42.90	Ravine, 90 ft. below ¼ sec. cor., drains S.; asc. SE. slope.
47.90	Spur, 120 ft. above ravine, projects S.; desc. SE. slope.
52.50	Ravine, 75 ft. below spur, drains S.; asc. SE. slope.
55.00	Spur, 35 ft. above ravine, projects S.; desc. SW. slope.
59.20	Ravine, 115 ft. below spur, drains S.; asc. SE. slope.
64.30	Spur, 50 ft. above ravine, projects S.; desc. SW. slope.
76.10	Ravine, 280 ft. below spur, drains SE.; asc. SE. slope.
79.70	The cor. of secs. 26, 27, 34 and 35, 95 ft. above ravine.
	Land, rough mountains, general drainage SE.
	Soil, rocky and gravelly, 3rd. and 4th. rate.
	Undergrowth, manzanita, almond, buck and oak brush.
	Fair grazing.
	Timber, scattering cedar and pinon.

Chains	
	N.0°01'W., between secs. 26 and 27.
	Desc. SE. slope over mountainous alnd, covered with scattering cedar and pinon timber and dense undergrowth of oak, buck and manzanita brush.
5.80	Draw, 60 ft. below cor., drains SE., asc. SW. slope.
25.20	Ridge, 390 ft. above draw, bears NE. and SW.; desc. NW. slope.
40.00	Set iron post, 3 ft. long, 1in. diam., 8 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 27 | S 26 1921 from which A cedar 5 ins. diam., bears S.88°E., 57 lks. dist., mkd. ¼ S 26 B T. A cedar 6ins. diam., bears S.82°W., 63 lks. dist., mkd. ¼ S 27 B T.
	This cor. stands on NW. slope, 260 ft. below ridge; continue desc.
43.90	Draw, 340 ft. below ¼ sec. cor., drains NW.; asc.NW.slope.
49.90	Draw, drains SW.; continue asc. over SW. slope.
63.00	Spur, 100 ft. above draw, at 43.90 chs., projects W.; desc. N. slope.
71.20	Ravine, 170 ft. below spur, drains SW.; asc. SE. slope.
74.50	Spur, 50 ft. above ravine, projects SW.; desc. NW. slope.
78.90	Ravine, 30 ft. below spur, drains SW.; asc. gentle S. slope.
80.00	Set iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on solid rock, surrounded by mound of stone, for the cor. of secs. 22, 23, 26 and 27, with brass cap marked

Chains

T 39 S R 18 W
S 22 | S 23
S 27 | S 26
1922

from which

A cedar, 4 ins. diam., bears N.68½°E., 60 lks. dist., mkd. T 39 S R 18 W S 23 B T.

A sandstone, 8 x 10 x 12 ft., in place, bea S.7¾°E., 45 lks. dist., mkd. X B 0 S 26.

On face of cliff, bears S.78½°W., 56 lks. dist., mkd. X B 0 S 27.

On face of cliff, bears N.45½°W., 53 lks. dist., mkd. X B 0 S 22.

Land, rough mountainous, general drainage SW.

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

Timber, scattering cedar and pinon pine.

Fair grazing.

N.89°54'E., on random line, bet. secs. 23 and 26.

40.00 Set temp. ¼ sec. cor.

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

Thence

S.89°51'W., on true line bet. secs. 23 and 26.

Asc. SE. slope, over mountainous land, covered with dense pinon pine and cedar timber and dense undergrowth of buck, almond and manzanita brush.

21.60 Spur, 450 ft. above cor., projects SE.; desc. SW. slope

30.10 Draw, 35 ft. below spur, drains SE.; asc. SE. slope.

37.00 Spur, 115 ft. above draw, projects SE.; continue asc.

40.05 Set iron post, 5 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked

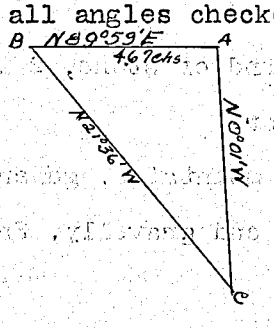
S 23
¼
S 26
1921

Chains	
	from which
	A cedar 8 ins. diam., bears N.59½°E., 56 lks. dist., mkd. ¼ S 23 B T.
	A cedar 10 ins. diam., bears S.31¼°E., 73 lks. dist., mkd. ¼ S 26 B T.
47.10	Spur, 170 ft. above draw, projects SE., continue asc. over SE. slope.
55.70	Spur, 190 ft. above spur, projects SW.; desc. SW. slope.
60.10	Draw, 185 ft. below spur, drains SW.; asc. SE. slope.
64.60	Spur, 10 ft. above draw, projects SW.; desc.SW. slope.
71.50	Draw. 110 ft. below spur, drains SW.; dasc. SE. slope.
74.00	Spur, 20 ft. above draw, projects SW.; desc. SW. slope.
80.10	The cor. for secs., 22, 23, 26 and 27, 155 ft. below spur..
	Land, rough mountains, general drainage SW.
	Soil, rocky and gravelly, 3rd. and 4th. rate.
	Timber, dense pinon pine, and cedar.
	Undergrowth, dense buck, almond and manzanita brush.
	Faire grazing.

N.0°01'W., bet. sec. 22 and 23.

Asc. abruptly over SE. slope, thru scattering cedar and pinon pine timber, and dense undergrowth of oak, buck and manzanita brush.

Inaccessible sandstone ledges makes chaining to the N. of this cor. impracticable, I therefore determined the dist. to the top of ledges by triangulation as folows: Set flag at the sec. cor., and flag "B" on line N.0°01'W., at top of ledges. From flag "A" at the sec. cor., run base line, N.89°59'E., 4.67 chs. dist., and erect flag at "C". from flag "C", flag "B" bears N.21°36'W. All bearing checked by direct reading of the solar, and all angles checked by deflection:



Chains

Distance by triangulation----------11.81 ch

11.81 Top of sandstone ledges, 90 ft. above cor., continue asc. of briken SE. slope.

22.40 Top of spur, projects SW.; continue asc.

34.00 Spur, 435 ft. above top of ledges, projects SW.; desc. NW. slope.

40.00 Set iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked

¼
S 22 | S 23
1921

from which

A cedar 14 ins. diam., bears N.86¾°E., 12 lks. dist., mkd ¼ S 23 B T.

A cedar 10 ins. diam., bears S.10½°W., 20 lks. dist., mkd. ¼ S 22 B T.

This cor. stands on NW. slope, 80 ft. below spur.

45.50 Ravine, 115 ft. below, ¼ sec. cor., drains SW.; asc. SW. slope.

52.80 Spur, 150 ft. above ravine, projects SW., desc. NW. slope.

57.20 Draw, 60 ft. below spur, drains W.; asc.SW. slope.

63.00 Spur, 70 ft. above draw, projects SW.; desc. NW. slope.

67.00 Draw, 55 ft. below spur, drains W., asc. SW. slope.

80.00 Set iron post, 3 ft. long, 2 ins. diam., 10 ins. then., ground, on solid rock, surrounded by mound of stone, for the cor. of secs. 14, 15, 22 and 23, with brass cap marked

T 39 S R 18 W
S 15 | S 14
S 22 | S 23
1921

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

Land, rough mountains, general drainage SW.

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

Chains	
	Timber, cedar and pinon pine.
	Undergrowth, oak, buck and manzanita brush.
	Fair grazing.
	N.89°51'E., on random line, between secs. 14 and 23.
40.00	Set temp ¼ sec. cor.
80.14	Intersect N. and S. line, 19 lks. N. of the cor. of secs. 13, 14, 23 and 24.
	Thence
	S.89°59'W., between secs. 14 and 23, on true line.
	Desc. NW. slope, over rough mountainous land, thru scattering pinon and cedar timber, and dense undergrowth of oak, dogwood and manzanita brush.
13.00	Draw, 5 ft. below sec. cor., drains NE.; asc. NE. slope.
16.50	Spur, 138 ft. above draw, projects NE.; desc. NW. slope.
21.40	Ravine, 28 ft. below spur, drains SE.; asc. SE. slope.
24.60	Spur, 68 ft. above ravine, projects SE.; desc. NW. slope.
26.30	Ravine, 20 ft. below spur, drains SE.; asc. NE. slope.
40.07	Set iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 14 / S 23 1921
	Raise mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Natural obstacles prevents setting post required depth. This cor. stand on NE. slope, 141 ft. above ravine; continue ascent over SE. slope.
43.10	Spur, 58 ft. above ¼ sec. cor., projects NE.; desc. NW. slope.
45.70	Draw, 12 below spur, drains NE.; asc. SE. slope.
61.70	Ridge, 430 ft. above draw, bears N. and S.; desc. SW. slope.
80.14	The cor. of secs. 14, 15, 22 and 23, 370 ft. below ridge.
	Land, rough mountains, general drainage SE.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, scattering pinon pine and cedar.
	Undergrowth, dense buck, manzanita and dogwood brush.

Chains	
	Fair grazing.
	N.0°01'W., between secs. 14 and 15.
	Desc. NW. slope, over rough mountain land, covered with dense undergrowth of live oak, scrub oak, buck and service berry brush.
5.70	Ravine, 70 ft. below sec. cor., drains W.; asc. S. slope.
21.70	Ridge, 328 ft. above ravine, bears E. and W.; desc. NW. slope.
32.80	Spur, projects NW.; continue descent of NW. slope.
36.40	Draw, 225 ft. below ridge, drains NW.; asc. SW. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked 1/4 S 15 | S 14 1921 Deposit a memorial, which is a sand stone, marked with a (x) cross, at base of monument. Pits impracticable Natural obstacles prevent post being set required depth.
41.70	Spur, projects NW.; continue ascent over SW. slope.
48.30	Spur, 66 ft. above draw, projects NW.; desc. NW. slope.
57.20	Draw, 126 ft. below spur, drains W.; asc. SW. slope.
64.40	Spur, 68 ft. above draw, projects NW.; desc. NW. slope.
71.60	Ravine, 184 ft. below spur, drains NW., asc. SW. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 10, 11, 14 and 15, with brass cap marked T 39 S R 18 W S 10 | S 11 S 15 | S 14 1921 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor Natural obstacles prevent setting post required depth. This cor. standson SW. slope, 84 ft. above ravine.
	Land, mountainous, general drainage SW.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, none.
	Undergrowth, live and scrub oak, buck and service berry

Chains	
	brush.
	Good grazing.
	N.89°59'E., on a random line, bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.
	Thence
	S. 89°56'W., on true line, bet. secs. 11 and 14.
	Asc. SE. slope, over rough mountainous land, thru dense undergrowth of buck, live and scrub oak, and sage brush.
1.80	Spur, 30 ft. above sec. cor., projects SE.; desc. SW. slope.
4.10	Draw, 15 ft. below spur, drains SE.; desc. SW. slope.
6.60	Spur, 5 ft. above draw, projects SE.; desc. SW. slope.
9.50	Ravine, 50 ft. below spur, drains SE.; asc. E. slope.
14.30	Dixie National Forest Reserve fence, 4 barbed wires, bears SE. and NW.
20.40	Spur, 220 ft. above ravine, projects SE.; continue asc.
35.10	Ridge, 290 ft. above ravine, bears N. and S.; desc.
40.03	Set iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 11 / S 14 1921
	Deposit a memorial, which is a sandstone, marked with a (x) cross, at base of monument. Pits impracticable.
	This cor. is 50 ft. below ridge; asc. NE. slope.
48.00	Spur, 360 ft. above ¼ sec. cor., projects NE.; desc. NW. slope.
51.30	Draw, 260 ft. below spur, drains NE.; asc. E. slope.
60.30	Ridge, 140 ft. above draw, bears NE. and SW.; desc.
80.06	The cor. of secs. 10, 11, 14 and 15, 400 ft. below ridge.

Chains	
	Land, rough mountains, general drainage SW.
	Soil, rocky and gravelly, 3rd. and 4th. rate.
	Timber, none.
	Undergrowth, live and scrub oak, buck and sage brush.
	Fair grazing.
	N.0°01'W., bet. secs. 10 and 11.
	Asc. along SW. slope, over rough mountainous land, covered with a medium growth of service berry, sage and buck brush.
8.90	Spur, 90 ft. above sec. cor., projects W.; desc. N. slope
27.60	Draw, drains N.30°W.; continue descent.
40.00	Set iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 10 | S 11 1922 and deposit a memorial, which is a sandstone, 3x4x5 in marked with a (X) at base of monument. Pits impracticabl
	This cor. stands on N. slope, 550 ft. below spur.
52.30	Draw, 270 ft. below ¼ sec. cor., drains NW.; continue desc. along W. slope.
63.40	Dixie National Forest Reserve fence, 4 barbed wires, bears N.30°W., and S.30°E.
72.70	Main draw, 380 ft. below ¼ sec. cor., drains W.; asc. SW. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 2, 3, 10 and 11, with brass cap marked T 39 S R 18 W S 3 | S 2 S 10 | S 11 1922 Raise mound of stone, 2 ft. base, 1½ ft. high. W. of cor.
	This cor. stands on SW. slope, 40 ft. above draw.

Chains	
	Land, rough mountains, general drainage SW.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, None.
	Undergrowth, medium growth of service berry, sage and buck brush.
	Fair grazing.
	N.89°56'E., on random line, between secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.,
79.74	Intersect N. and S. line, 7 lks.S. of the cor. of secs. 1, 2, 11 and 12.
	Thence
	S.89°53'W., between secs. 2 and 11, on true line.
	Desc. SE. slope, over rough mountain land, covered with dense growth of service berry, sage and buck brush.
31.50	Draw, 512 ft. below sec. cor., drains N.30°W.; asc. NW. slope.
39.87	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 2 / S 11 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	This cor. stands on NW. slope, 20 ft. above draw; continue ascent.
42.74	Spur, 24 ft. above ¼ sec. cor., projects NW.; desc. W. slope.
60.20	Main draw, course NW., 452 ft. below spur.; continue desc. over broken mountain land.
64.80	Recross main draw, course SW.; continue descent.
79.74	The cor. of secs. 2, 3, 10 and 11.
	Land, rough mountains, general drainage SW.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, none.
	Undergrowth, service berry, sage and buck brush.
	Fair grazing.

Chains

N.0°01'W., between secs. 2 and 3, on true line.

Over rough mountain land, covered with dense undergrowth of sage, service berry, live oak and buck brush; asc. S slope.

4.00 Small draw, drains SW.

21.10 Spur, 292 ft. above sec. cor.; projects SW. desc. N. slope.

40.00 Set iron post, 3 ft. long, 2 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼

S 3 | S 2

1922

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

This cor. stands on a N. slope, 342 ft. below spur;

42.00 Draw, 13 ft. below ¼ sec. cor., drains SW.; asc. S. slop

75.00 Intersect N. bdy. of Tp. 15.06 chs. dist., E. of the cor. of secs. 2, 3, 34 and 35, Tps. 38 and 39 S., R. 18 W., which is an iron post, 3 ft. long, 3 ins. in diam., 8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. At intersection

Set iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the closing cor. of secs. 2 and 3, T.39 S., R. 18 W., with brass cap marked

T 38 S R 18 W
S 35

S 3 | S 2
T 39 S | R 18 W
C C
1922

Raise mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

This cor. stands on a S. slope 434 ft. above draw.

Note: I destroy all marking on the old cor. of secs. 2,3,34 and 35, Tps. 38 and 39 S., R. 18 W., pertaining to T. 39 S., R. 18 W.

Land, rough mountains, general drainage SW.

Soil, rocky and gravelly; 3rd. and 4th. rate.

Timber, none.

Undergrowth, dense growth of sage, service berry and buck brush.

Fair grazing.

Chains	
	From the cor. of secs.3, 4, 33 and 34, Tps.39 and 40 S., R. 18 W., which is a iron post, 3 ft. long, 2 ins. in diam., 20 ins. above ground, 12 ins. in mound of stone, firmly set in ground, marked and witnessed as described by the surveyor- general.
	N.0°02'W., between secs. 33 and 34.
	Asc. S. slope, over rough mountain land, covered with dense cedar and pinon and scattering red pine timber, and dense undergrowth of buck, service berry and sage brush.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	¼ S 33 | S 34 1921
	from which
	A pinon pine, 4 ins. in diam., bears S.44½°E., 178 lks. dist., mkd. ¼ S 34 B T.
	A pinon pine, 4 ins. in diam., bears S.49½°W., 139 lks. dist., mkd. ¼ S 33 B T.
	This cor. stands on steep S. slope, 750 ft. above sec. cor.; continue ascent over S. slope.
52.00	Ridge, 600 ft. above ¼ sec. cor., bears E. and W.; desc. NE. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, on solid rock, surrounded by mound of stone, for the cor. of secs. 27, 28, 33 and 34, with brass cap marked
	T 39 S R 18 W S 28 | S 27 S 33 | S 34 1921
	from which
	A pinon pine, 4 ins. in diam., bears N.85¾°E., 38 lks. dist., mkd. T 39 S R 18 W S 27 B T.
	A pinon pine, 4 ins. in diam., bears S.1°E., 412 lks. dist., mkd. T 39 S R 18 W S 34 B T.

Chains	
	A. red pine, 8 ins. in diam., bears S.1°W., 725 lks. dist., mkd. T 39 S. R 18 W S 33 B T.
	A. pinon pine, 5 ins. in diam., bears N.44½°W., 130 lks. dist., mkd. T 39 S R 18 W S 28 B T.
	This cor. stands on NE. slope, 800 ft. below ridge.
	Land, rough mountains; general drainage NE.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, dense cedar and pinon pine, and scattering red pine.
	Undergrowth, buck, service berry and sage brush.
	Fair, grazing.
	East on random line, between secs. 27 and 34.
40.00	Set temp ¼ sec. cor.
80.06	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 26, 27, 34 and 35.
	Thence
	N.89°55'W., between secs. 27 and 34, on true line.
	Asc. SE. slope, over rough mountainous land, covered with cedar and pinon pine timber and dense growth of manzanita, buck and oak brush.
2.80	Telephone line, bears SE. and NW., Godd Strike to St. George Utah.
6.00	Top of spur, 78 ft. above sec. cor., projects S.; desc. SW. slope.
19.00	Ravine, 40 ft. below spur, drains S.; asc. E. slope.
24.00	Spur, 55 ft. above ravine, projects S.; asc. SW. slope.
27.10	Ravine, 35 ft. below spur, drains S.; asc. E. slope.
31.50	Spur, 8 ft. above ravine, projects S.; desc. SW. slope.
37.80	Ravine, 141 ft. below spur, drains S.; asc. SE. slope.
40.03	Set iron post, 3ft. long, 1 in. in diam., 6 ins. in the ground to solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S.27 / S.34 1921
	from which

Chains	
	A pinon pine, 4 ins. in diam., bears N.11½°E., 51 lks. dist., mkd. ¼ S 27 B T.
	A cedar, 8 ins. in diam., bears S.48½°E., 113 lks. dist., mkd. ¼ S. 34 BT.
	This cor. stands on small spur, 14 ft. above ravine, projects SW.; continue ascent.
44.20	Spur, 60 ft. above ravine, projects S.; desc. SW. slope.
45.00	Ravine, 15 ft. below spur, drains S.; asc. SE. slope.
48.60	Spur, 153 ft. above ravine, projects S.; desc. SW. slope.
52.60	Ravine, 234 ft. below spur, drains S.; asc. SE. slope.
53.70	Rocky spur, 104 ft. above ravine, projects S.; asc. SW. slope.
56.80	Ravine, 143 ft. below spur, drains S.; asc. SE. slope.
58.30	Spur, 82 ft. above ravine, projects S.; desc. NW. slope.
65.00	Saddle in ridge, bears N.70°E., S.70°W.; continue descent
75.90	Draw, 108 ft. below spur, drains NE.; asc. NE. slope.
80.06	The cor. of secs. 27, 28, 33 and 34, 140 ft. above draw.
	Land, rough mountains, general drainage S.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, dense growth of manzanita buck and oak brush.
	Fair grazing.
	N.0°02'W., between secs. 27 and 28.
	Desc. N. slope, over mountainous land, covered with dense cedar and pinon pine timber and dense undergrowth of manzanita, oak and buck brush.
13.10	Ravine, 483 ft. below sec. cor., drains NW,; asc. NW. slope.
34.60	Spur, 100 ft. above ravine, projects NW.; desc. NE. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

Chains	
	S 28 | S 27 1921
	From which
	A cedar, 6 ins. in diam., bears N.43°E., 88 lks dist., marked ¼ S 27 B T.
	A cedar, 4 ins. in diam., bears N.6°W., 221 lks. dist. mkd. ¼ S 28 B T.
	This cor. stands in small draw, 200 ft. below, spur, drains NW.; asc. S. slope.
48.40	Spur, 50 ft. above ¼ sec. cor., projects NW.; desc. N. slope.
57.80	Ravine, 275 ft. below spur, drains NW.; asc. S. slope.
65.60	Spur, 75 ft. above ravine, projects NW.; desc. N. slope.
74.10	Canyon, 300 ft. below spur, drains W.; asc. S. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground on solid rock, surrounded by mound of stone, for the cor. of secs. 21, 22, 27 and 28, with brass cap marked
	T 39 S R 18 W S 21 | S 22 S 28 | S 27 1921
	from which
	A cedar, 6 ins. in diam., bears N.34°E., 67 lks dist., mkd. T 39 S R 18 W S 22 B T.
	A cedar, 4 ins. in diam., bears S.15°E., 253 lks. dist., mkd. T 39 S R 18 W S 27 B T.
	A cedar, 6 ins. in diam., bears S.87½°W., 193 lks. dist., mkd. T 39 S R 18 W S 28 B T.
	A cedar, 6 ins. in diam., bears N.38½°W., 87 lks. dist., mkd. T 39 S R 18 W S 21 B T.
	This cor. stands on S. slope, 100 ft. above canyon.
	Land, rough mountains, general drainage W. and NW.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, cedar and pinon.

Chains	
	Undergrowth, manzanita, oak and buck brush.
	Fair grazing.
	S.89°55'E., on random line, between secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
49.77	To pass inaccessible sandstone ledges, offset as follows:
	S. 4.71 chs.; then on offset line:
	S. 89°55'E., thence
	N.4.71 chs. to the random line, on which, at
80.16	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 22, 23, 26 and 27.
	Thence
	N.89°59'W., on true line, between secs. 22 and 27.
	Over rough mountainous land, covered with scattering cedar and pinon pine timber, and dense undergrowth of of oak, manzanita and buck brush.
	To pass inaccessible sandstone ledges, offset as follows:
	S. 4.71 chs.; then on offset line:
	N.89°59'W., 30.39 chs.; (Topg. on offset as follows:)
11.10	Top of rocky point, 196 ft. above sec. cor.; desc. SE. slope.
18.10	Ravine, 112 ft. below rocky point, drains SE.; asc. NE. slope.
	Then, N. 4.71 chs. to true line at
30.39	Thence N 89°59'W., on true line.
32.30	Telephone line, bears NW. and SE. Goldstrike to St. George Utah.
33.50	Spur, 200 ft. above ravine, on offset line at 18.10 chs., projects SW., desc. SW. slope.
40.08	Set iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 22 / S 27 1921
	from which
	A cedar, 6 ins. in diam., bears N.9¾°E., 85 lks. dist., mkd. ¼ S 22 B T.

Chains	
	A pinon pine, 4 ins. in diam., bears S.31½E., 46 lks. dist., mkd. ¼ S 27 B T.
40.30	Ravine, 142 ft. below spur, drains SW.; asc. SE.slope.
45.10	Spur, 105 ft. above ravine, projects SW.; desc.NW.slope.
54.00	Bottom of ravine, 219 ft. below spur, drains SW.; Asc. SE. slope.
65.70	Spur, 167 ft. above ravine, projects SW.; desc. SW.slope
75.80	Ravine, 202 ft. below spur, drains SW.;desc. SW slope.
80.16	The cor. of secs. 21, 22, 27 and 28.
	Land, rough mountains, general drainage SW.
	Soil, rocky and gravelly, 3rd and 4th rate.
	Timber, scattering cedar and pinon pine.
	Undergrowth, oak, manzanita and buck brush.
	Fair grazing.
	N.0°02'W., between secs. 21 and 22.
	Asc. S. slope, over mountainous land, covered with medium growth of cedar and pinon pine timber and dense undergrowth of scrub and live oak, manzanita and buck brush.
27.00	Ridge, 550 ft. above sec. cor., bears E. and W., desc. N. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 21 | S 22 1921 from which
	A pinon pine, 8 ins. in diam., bears N.24°E., 90 lks. dist., mkd. ¼ S 22 B T.
	A pinon pine, 6 ins. in diam., bears N.53½°W., 39 lks. dist., mkd. ¼ S 21 B T.
	This cor. stands in bottom of canyon, 350 ft. below ridge, drains SW.
55.20	Telephone line, bears E. and W. Goldstrike to St. George Utah.

Chains	
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 15, 16, 21 and 22, with brass cap marked T. 39 S R 18 W S 16 | S 15 S 21 | S 22 1921 from which A cedar, 8 ins. in diam., bears N.54½°E., 83 lks. dist., mkd. T 39 S R 18 W S 15 BT. A cedar, 10 ins. in diam., bears S.8°E., 84 lks. dist., mkd. T 39 S R 18 W S 22 B T. A cedar, 4 ins. in diam., bears S.52¼°W., 63 lks. dist., mkd. T 39 S R 18 W S 21 B T. A cedar, 4 ins. in diam., bears N.2½°W., 66 lks. dist., mkd. T 39 S R 18 W S 16 B T. This cor. stands on SW. slope, 400 ft. above ¼ sec. cor. Land, very rough and mountainous, general drainage SW. Soil, rocky and gravelly; 3rd. and 4th. rate. Timber, medium cedar and pinon pine. Undergrowth, live and scrub oak, manzanita and buck brush. Fair grazing.
	S.89°59'E., on random line, between secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
79.68	Intersect N. and S. line, 40 lks. S. of the cor. of secs. 14, 15, 22 and 23.
	Thence, S. 89°44'W., between secs. 15 and 22, on true line. Desc. SW. slope. over mountainous land, covered with scattering cedar and pinon pine timber, and dense undergrowth of dogwood, manzanita and oak brush.
13.90	Ravine, 128 ft. below sec. cor., drains SW.; asc.E.slope.
18.90	Ridge, 393 ft. above ravine, bears SW. and NE.;desc.SW.slope.
39.84	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S 15 / S 22 1921

Chains	
	from which
	A pinon pine, 8 ins. in diam., bears S.7°E., 192 lks. dist., mkd. ¼ S 22 B T.
	A pinon pine, 8 ins. in diam., bears N.24°W., 243 lks. dist., mkd. ¼ S 15 B T.
43.60	Ravine, 601 ft. below ridge, drains SW.; asc. SE. slope.
48.80	Top of rocky point, 62 ft. above ravine.; desc.W.slope.
50.20	Saddle in ridge, 30 ft. below rocky point, bears N.and S.; asc. NE. slope.
58.60	Spur, 237 ft. above saddle in ridge, projects NE.; desc. NW. slope.
71.90	Saddle in ridge, 106 ft. below spur, bears N. and S.; asc. E. slope.
73.61	Spur, 20 ft. above saddle in ridge, projects SE.; desc. SW. slope.
79.68	The cor. of secs. 15, 16, 21 and 22, 104 ft. below spur.
	Land, mountainous, general drainage, SW.
	Soil, rocky and gravelly;3rd. and 4th. rate.
	Timber, scattering pinon and cedar.
	Undergrowth, dogwood, oak, manzanita and buck brush.
	Fair, grazing.
	N.0°02'W., between secs. 15 and 16.
	Asc. SW. slope, over mountainous land, covered with cedar and pinon pine timber, dense undergrowth of live and scrub oak, buck and manzanita brush.
3.70	Spur, 60 ft. above sec. cor., projects NW.; desc. NE. slope.
15.90	Spur, projects NW.; continue descent over NE.slope.
28.00	Ravine, 438 ft. below spur at 3.70 chs., drains NW.; asc. SW. slope.
32.40	Spur, 12 ft. above ravine, projects NW.; desc. NW.slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked

Chains	
	$\frac{1}{4}$ S 16 | S 15 1921
	from which
	A pinon pine, 4 ins. in diam., bears N.89°E., 9 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	A cedar, 4 ins. in diam., bears S.33°W., 44 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.
	This cor. stands on NW. slope, 41 ft. below spur.
41.10	Draw, 13 ft. below $\frac{1}{4}$ sec. cor., drains NW.; asc. SW. slope.
50.60	Spur, 165 ft. above draw, projects NE.; desc. NW. slope.
58.90	Ravine, 282 ft. below spur, drains NW.; asc. SW. slope.
67.20	Spur, 142 ft. above ravine, projects NW.; desc. NE. slope.
76.20	Ravine, 230 ft. below spur, drains NW.; asc. SW. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground on solid rock, surrounded by mound of stone, for the cor. of secs. 9, 10, 15 and 16, with brass cap marked T 39 S R 18 W S 9 | S 10 S 16 | S 15 1921
	Deposit a memorial, which is a sandstone, marked with a (X) cross, at base of monument. Pits impracticable.
	This cor. stands on SW. slope 23 ft. above ravine.
	Land, rough mountains, general drainage N W.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, scrub and live oak, buck and manzanita brush.
	Fair grazing.
	N.89°44'E., on random line, between secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 28 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Chains	
	Thence
	S. 89°56'W., between secs. 10 and 15, on true line.
	Desc. W. slope, over rough mountainous land, covered with dense undergrowth of live and scrub oak, and buck brush and scattering cedar and pinon pine timber
7.00	Ravine, 333 ft. below sec. cor., drains NW.; asc. NE. slope.
18.30	Spur, 35 ft. above ravine, projects NW.; desc. SW. slope
28.60	Creek in bottom of ravine, 8 lks. wide, 3 ins. deep, 307 ft. below spur, drains NW.; asc. NE. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S 10 / S 15. 1921
	from which
	A cedar, 14 ins. in diam., bears N.7½°E., 77 lks. dist., mkd. ¼ S 10 B T.
	A cedar, 8 ins. in diam., bears S.78½°W., 125 lks. dist., mkd. ¼ S 15 B T.
	This cor stands on NE. slope, 297 ft. above creek.
43.80	Spur, 68 ft. above ¼ sec. cor., projects NW.; desc. W. slope.
51.60	Spur, 83 ft. below spur, projects W.; continue descent over W. slope.
80.00	The cor. of secs. 9, 10, 15 and 16., 583 ft. below spur.
	Land, mountainous, general drainage, W.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, scattering cedar and pinon pine.
	Undergrowth, live and scrub oak, and buck brush.
	Fair grazing.
	N.0°02'W., between secs. 9 and 10
	Over mountainous land, covered with scattering cedar

Chains	
	and pinon pine timber, and dense undergrowth of live and scrub oak, buck and manzanita brush; asc.SW.slope.
5.70	Spur, 91 ft. above sec. cor., projects NW.; desc. NW. slope.
9.00	Ravine, 66 ft. below spur; drains NW.; asc. SW. slope.
15.30	Spur, 105 ft. above ravine, projects NW.; desc. NW. slope.
35.10	Creek, 7 lks. wide 3 ins. deep, in bottom of ravine, 387 ft. below spur, drains NW.; asc. SW. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked

¼

S 9 | S 10

1921.

from which

A cedar 4 ins. in diam., bears N.43½°E., 53 lks. dist., marked ¼ S 10 B T.

A cedar 4ins. in diam., bears S.89°W.,34 lks. dist., mkd. ¼ S 9 B T.

This cor. standson SW. slope, 32 ft. above creek.

51.30	Spur, 335 ft. above ¼ sec. cor., projects NW.; desc. NW. slope.
65.10	Ravine, 266 ft. below spur, drains NW.; asc. SW. slope.
75.30	Spur, 60 ft. above ravine, projects NW.; desc. NW.slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 10 ins. in ground on solid rock, surrounded by mound of stone, for the cor. of secs. 3, 4, 9 and 10, with brass cap marked

T 39 S R 18 W

S 4 | S 3

S 9 | S 10

1921

from which

A cedar, 6ins. in diam., bears N.51°E.,38 lks. dist., mkd. T 39 S R 18 W S 3 B T.

Chains	
	A cedar, 6 ins. in diam., bears S.8°E., 133 lks. dist., mkd. T. 39 S R 18 W S 10 B T.
	A cedar 10 ins. in diam., bears S.41½°W., 247 lks. dist., mkd. T 39 S R 18 W S 9 B T.
	A cedar, 10 ins. in diam., bears N.64½°W., 174 lks. dist., mkd. T 39 S R 18 W S 4 B T.
	This cor stands on NW. slope, 87 ft. below spur.
	Land, mountainous, general drainage NW.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, scrub and live oak, buck and manzanita brush.
	Fair grazing.
	N.89°56'E., on random line, between secs. 3 and 10.
40.00	Set temp ¼ sec. cor.
79.96	Intersect the cor. of secs. 2, 3, 10 and 11.
	Thence S.89°56'W., between secs. 3 and 10, on true line.
	Over rough mountainous land, covered with medium growth of sage, buck, and service berry brush and a few scattering cedars. Desc. along W. slope.
2.40	Small draw, drains SW.; continue descent over W. slope.
17.20	Corral, 30 lks. S. of line.
13.90	Dixie National Reserve fence, 4 barbed wires, bears NW. and SE.
23.80	Draw, drains SW.; asc. E. slope.
37.16	Ridge, 140 ft. above draw, bears NW. and SE.; desc. along SW. slope.
39.98	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

S 3
S 10
1922

from which

A cedar, 6 ins. in diam., bears N.70½°E., 20 lks. dist., mkd. ¼ S 3 B T.

A cedar, 5 ins. in diam., bears S.37½°W., 50 lks. dist., mkd. ¼ S 10 B T.

Chains	
	This cor. stands on SW. slope, 10 ft. below ridge; continue descent along SW. slope.
71.70	Small draw, drains NW.; continue descent along NW. slope.
79.96	The cor. of secs. 3, 4, 9 and 10, 420 ft. below ¼ sec. cor.
	Land, rough and mountainous, general drainage SW.
	Soil, rocky and gravelly, 3rd. and 4th. rate.
	Timber, very scattering cedars.
	Undergrowth, sage, service berry and buck brush.
	Fair grazing.
	N.0°02'W., between secs. 3 and 4, on true line.
	Over mountainous land, covered with medium growth of sage, service berry and buck brush and a few scattering cedars. Desc. along NW. slope.
2.45	Road, Goldstrike to Enterprise Utah., bears SW. and NE.
2.90	East fork of the Beaver Dam Wash, 10 lks. wide, 8 ins. deep, 32 ft. below sec. cor., drains SW.; asc. along NE. slope.
5.00	Thence asc. over S. slope.
18.00	Spur, 290 ft. above Beaver Dam Wash, projects E.; desc. NE. slope.
28.30	Draw, 148 ft. below spur, drains SE.; asc. S. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 4 | S 3 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
44.90	Small spur, projects NE.; continue ascent over S. slope.
48.20	Dixie National Forest Reserve fence, 4 barbed wires, bears N.20°W., S.20°E.
65.50	Head of small draw, drains SE.; continue asc. along SE. slope.
74.59	Intersect N. bdy. of Tp. 15: 42 chs. chs. dist., E. of.

Chains	
	the cor. of secs. 3, 4, 33 and 34, Tps. 38 and 39 S., R. 18 W., which is an iron post, 3 ft. long, 3 ins. in diam., 12 ins. above ground, firmly set in ground, marked and witnessed as described by the surveyor-general. At intersection
	Set iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground for the closing cor. of secs. 3 and 4, T. 39 S., R. 18 W., with brass cap marked
	T 38 S R 18 W S 34 S 4 | S 3 T 39 S | R 18 W C C 1922
	Raise mound of stone, 3 ft. base, 2 ft. high, S. of cor.
	Note: I destroy all markings on the cor. of secs. 3,4, 33 and 34, Tps. 38 and 39 S., R. 18 W., pertaining to T. 39 S., R. 18 W.
	This cor. stands on SE. slope, 616 ft. above draw at 28.30 chs.
	Land, mountainous, general drainage SE.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, very scattering cedars.
	Undergrowth, sage, service berry and buck brush.
	Fair grazing.
	N.0°03'W., between secs. 32 and 33.
	From the cor. of secs. 4, 5, 32 and 33, Tps. 39 and 40 S., R. 18 W., which is an iron post, 3 ft. long, 2 ins. in diam., 20 ins. above ground, 8 ins. in mound of stone, marked and witnessed as described by the surveyor general.
	Over mountainous land, covered with medium growth of cedar and pinon pine timber, and dense undergrowth of buck, manzanita and oak brush. Desc. NW. slope.
31.30	Ravine, 125 ft. below sec. cor., drains W., asc. S. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

Chains	
	$\frac{1}{4}$ S 32 | S 33 1921
	from which
	A pinon pine, 6 ins. in diam., bears S.24°E., 62 lks. dist., marked $\frac{1}{4}$ S 33 B T.
	A pinon pine, 5 ins. in diam., bears S.31$\frac{3}{4}$°W., 63 lks. dist., marked $\frac{1}{4}$ S 32 B T.
	This cor standson top of high ridge, 200 ft. above ravine, bears E. and W.; desc. N. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 28, 29, 32 and 33, with brass cap marked
	T 39 S R 18 W S 29 | S 28 S 32 | S 33 1921
	From which
	A pinon pine, 5 ins. in diam., bears N.6$\frac{1}{2}$°E., 115 lks. dist., mkd. T.39 S R 18 W S 28 B T.
	A pinon pine, 6 ins. in diam., bears S.68$\frac{3}{4}$°E., 149 lks. dist., mkd. T 39 S R 18 W S 33 B T.
	A pinon pine, 8 ins. in diam., bears S.48$\frac{1}{2}$°W., 168 lks. dist., mkd. T 39 S R 18 W S 32 B T.
	A pinon pine, 3 ins. in diam., bears N.73$\frac{1}{2}$°W., 556 lks. dist., mkd.B T.
	This cor standson N. slope, 975 ft. below $\frac{1}{4}$ sec. cor.
	Land, mountainous, general drainage SW.
	Soil, rocky and gravelly;3rd. and 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, buck, manzanita and oak brush.
	Fair grazing.
	East. between secs. 28 and 33, on a random line.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.74	Intersect N. and S. line, 11 lks. N., of the cor. of secs. 27, 28, 33 and 34.

Chains	
	Thence
	N.89°55'W., between secs. 28 and 33, on true line.
	Asc. E. slope, over mountainous land, covered with medium growth of cedar and pinon pine timber and dense undergrowth of manzanita, buck and service berry brush.
5.00	Steep rocky spur, 225 ft. above sec. cor., projects NW.; desc. W. slope.
34.20	Ravine, 575 ft. below spur, drains NW.; asc. E. slope.
39.87	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. the ground, for the ¼ sec. cor., with brass cap marked ¼ S 28 / S 33 1921 dig pits, 18 x 18 x 12 ins. E. and W. of post, 3 ft. distant.
	This cor. standson E. slope, 100 ft. above ravine,
45.10	Spur, 75 ft. above ¼ sec. cor., projects N.; desc. W. slope.
65.60	Ravine, 95 ft. below spur, drains NE.; asc. E.slope.
73.70	Ridge, 275 ft. above ravine, bears NW. and SE.; desc. W. slope.
79.74	The cor. of secs. 28, 29, 32 and 33, 100 ft. below ridge.
	Land, mountainous, general drainage SE.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, medium growth of cedar and pinon pine.
	Undergrowth, manzanita, buck and service berry brush.
	N.0°03'W., between sec. 28 and 29.
	Over mountainous land, covered with dense cedar and pinon pine timber, service berry, buck and manzanita brush. Asc. gentle S. slope.
14.00	Ridge, 25 ft. above sec. cor., bears NW. and SE.; desc. N. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in

Chains	
	the ground, for the ¼ sec. cor., with brass cap marked ¼ S 29 | S 28 1921 from which A pinon pine, 6 ins. in diam., bears S.75°E., 19 lks. dist., mkd. ¼ S 28 B T. A cedar, 4 ins. in diam., bears S.56°W., 42 lks. dist., mkd. ¼ S 29 B T. This stands in small draw, 550 ft. below ridge, drains NE.; asc. S. slope.
45.00	Spur, 100 ft. above ¼ sec. cor., projects NE.; desc. N. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 20, 21, 28 and 29, with brass cap marked T 39 S R 18 W S 20 | S 21 S 29 | S 28 1921 from which A pinon pine, 6 ins. in diam., bears N.56°E., 20 lks. dist., mkd. T 39 S R 18 W S 21 B T. A pinon pine, 8 ins. in diam., bears S. 63¾°E., 48 lks. dist., mkd. T 39 S R 18 W S 28 B T. A cedar, 6 ins. in diam., bears S.46½°W., 37 lks. dist., mkd. T 39 S R 18 W S 29 B T. A pinon pine, 4 ins. in diam., bears N.13°W., 96 lks. dist., mkd. T 39 S R 18 W S 20 B T. This cor stands on N. slope, 300 ft. below spur. Land, mountainous; general drainage W. Soil rocky and gravelly; 3d and 4th rates. Timber, cedar and pinon pine. Undergrowth, service berry, buck and manzanita brush. Fair, grazing.
	S.89°55'E., on random line, between secs. 21 and 28.

Chains

40.00 Set temp. ¼ sec. cor.

79.56 Intersect N. and S. line, 14 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence

S.89°59'W., between secs. 21 and 28, on true line.

Over mountainous land, covered with cedar and pinon pine, timber and dense growth of scrub and live oak, manzanita, owuimp, almond and buck brush; Desc. SW. slope.

15.60 Canyon, 125 ft. below sec. cor., drains NW.; asc. E. slope.

39.78 Set iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground on solid rock, surrounded by mound of stone for the ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S\ 21}{S\ 28}$$
1921

From which

A pinon pine, 12 ins. in diam., bears S.73°E., 75 lks. dist., mkd. ¼ S 28 B T.

A pinon pine, 6 ins. in diam., bears N.60¾°E., 68 lks. dist., mkd. ¼ S 21 B T.

This cor. stands on small spur, 50 ft. above canyon, projects N.; desc. gradual W. slope.

48.80 Canyon, 75 ft. below ¼ sec. cor., drains NW.; asc. E. slope.

76.80 Spur, 300 ft. above canyon, projects N.; desc. W. slope.

79.56 The cor. of secs. 20, 21, 28 and 29, 60 ft. below spur.

Land, mountainous, general drainage NW.

Soil, rocky and gravelly; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, manzanita, live and scrub oak, owuimp, almond and buck brush.

Fair grazing

Chains	
	N.0°03'W., between secs. 20 and 21.
	Over mountainous land, covered with dense cedar and pinon pine timber, dense undergrowth of service berry, manzanita and buck brush. Desc. along N. slope.
23.10	Canyon, 250 ft. below sec. cor., drains W.; asc.S.slope.
34.00	Spur, 225 ft. above canyon, projects SW.; desc. N.slope.
37.86	Intersect line 2 and 3, Survey No.6283, Hamburg No4. lode at N.32°57'E.,4.60 chs. dist. from cor. No. 3, which is a hewed cedar post, 4 x 4 ins. in diam., 2½ ft. above ground firmly set in mound of stone, marked 3-6283, and at S.32°57'W., 5.64 chs. dist, from cor. No. 2, which is hewed cedar post, 2½ ft. above ground surrounded by mound of stone, marked 1-3-2-6283.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec. cor., with brass cap marked S 20 | S 21 1921 from which A pinon pine, 6 ins. in diam., bears S.87½°E., 65 lks. dist., mkd. ¼ S 21 B T. A cedar, 4 ins. in diam., bears N.40½°W., 34 lks. dist., mkd. ¼ S 20 B T.
	This cor stand on N. slope, 150 ft. below spur.
	From this cor., U.S.Mineral Mounument No. 250 , bears N. 55°11'W., 14.43 chs. dist., which is a cedar post, 4ins. square, firmly set 2 ft. above mound of stone, which is 4 ft. high, 6 ft. base; the post is marked U.S.M.M. 250 on north face. The U.S.M.M. stands on top of Hamburg Peak.
41.60	Ravine, 125 ft. below ¼ sec. cor., drains S.W; asc. S. slope.
48.50	Spur. 200 ft. above ravine, projects SW.; desc. gradual N. slope.

Chains	
61.20	Intersect line 2 and 3, survey No.6283, Hamburg No. 2 lode, at N.84°32'W., 8.41 chs. dist., from cor. No. 3, which is a hewed cedar post, 6 x 6 ins., 2½ ft. above ground surrounded by mound of stone, marked 3-6283.
72.00	Telephone line, Gold Strike to St. George Ut. bears NW and
72.30	Old road, bears NW. and SE.
73.30	Hassiamp Mining and Milling Co. shaft, 3 chs. W. in small draw, 60 ft. above ravine, drains SW.; asc. S. slope.
77.60	Trail, Goldstrike to Gunlock, bears E. and W.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 16, 17, 20 and 21, with brass cap marked

T 39 S R 18 W
S 17 | S 16
S 20 | S 21
1921

from which

A pinon pine, 8 ins. in diam., bears N.82°E., 74 lks. dist., mkd. T 39 S R 18 W S 16 B T.

A pinon pine, 8 ins. in diam., bears S.66½°E., 97 lks. dist., mkd. T 39 S R 18 W S 21 B T.

A cedar, 8 ins. in diam., bears S.30°W.,75 lks. dist., mkd. T 39 S R 18 W S 20 B T.

A cedar, 10 ins. in diam., bears N. 76½°W.,40 lks. dist., mkd. T 39 S R 18 W S 17 B T.

This cor. stands on S. slope, 100 ft. above draw.

Land, mountainous, general drainage W.

Soil, rocky and gravelly; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, service berry, manzanita and buck brush.

Fair grazing.

N.89°59'E., on random line, between secs. 16 and 21.

40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. and S. line, 40 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Chains	
	Thence
	N.89°44'W., between secs. 16 and 21, on true line.
	Over mountainous land, covered with dense cedar and pinon pine timber and undergrowth of service berry, manzanita and buck brush. Desc. W. slope.
29.40	Small ravine, 287 ft. below sec. cor., drains SW.; asc. S. slope.
39.98	Set iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 16 / S 21 1921 from which A cedar, 6 ins. in diam., bears, N.17½°E., 45 lks. dist., mkd. ¼ S 16 B T. A cedar, 6 ins. in diam., bears S.21½°E., 24 lks. dist., mkd. ¼ S 21 B T.
	This cor. stands on top of ridge, 166 ft. above ravine, bears W and NE.; asc. along S. slope.
67.30	Shaft and Tunnel, bears S. 4chs. dist., in small draw, drains SW.
69.70	Milner's house, bears S. approximately 3.50 chs. dist.
79.96	The cor. of secs. 16, 17, 20 and 21, 470 ft. below ridge.
	Land, mountainous, general drainage SW.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, service berry, manzanita and buckbrush.
	Fair grazing.
	N.0°03'W., between secs. 16 and 17.
	Over rough mountainous land, covered with dense cedar and pinon pine, timber, and dense undergrowth of live and scrub oak, manzanita, sage, owiump and buck brush. Ascend SW. slope.
1.32	Spur, 100 ft. above sec. cor., desc. SW. slope.

Chains	
14.10	Draw, 170 ft. below spur, drains W.; asc. SE. slope.
16.00	Spur, 16 ft. above draw, projects SW.; thence over broken SW. slope.
32.20	Levi Cantrell's, house bears N.52°W., Store bears N.66½° W., Barn bears N.56½°W.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground on solid rock, surrounded by mound of stone for the ¼ sec. cor., with brass cap marked ¼ S 17 | S 16 1921 from which a pinon pine, 6 ins. in diam., bears S.39° A pinon pine, 6 ins. in diam., bears S.39°E., 76 lks. dist., mkd. ¼ S 16 B T. A pinon pine, 14 ins. in diam., bears S.25°W., 110 lks. dist., mkd. ¼ S 17 B T.
43.20	East fork of Beaver Dam Wash, creek of clear water, 5 lks. wide, 3 ins. deep, 187 ft. below spur, drains SW.; asc. SE. slope.
48.00	Road, Goldstrike to Enterprise Utah, bears NE. and SW.
59.80	Spur, 194 ft. above creek, projects SE.; desc. NE. slope.
64.80	Ravine, 120 ft below spur, drains SE.; asc. S. slope.
76.10	Spur, 272 ft. above ravine, projects E.; desc. NE. slope.
80.00	Set iron post, 3 ft. long, 2 in. in diam., 8 ins. in the ground on solid rock, surrounded by mound of stone, for the cor of secs. 8, 9, 16 and 17, with brass cap marked T 39 S R 18 W S 8 | S 9 S 17 | S 16 1921

Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
No other suitable bearing trees available.
Land, mountainous, general slope to SE.

Soil, rocky and gravelly; 3rd. and 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, sage, service berry, manzanita and buck brush.

Chains	
	Fair grazing.
	S.89°44'E., on random line, between secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect N. ans S. line, 5 lks. S. of the cor. of secs. 9, 10, 15 and 16.
	Thence
	N.89°46'W., between secs. 9 and 16, on true line.
	Over mountainous land, covered with dense growth of live oak, sage and manzanita brush, and a few scattering cedars. Desc. SW. slope.
5.80	Draw, drains NW.; asc. NE. slope.
17.50	Spur, 100 ft. above draw, projects NW.; desc. NW. slope.
27.70	Draw, 150 ft. below spur, drains NW.; asc. NE. slope.
28.90	Top of spur, 10 ft. above draw, projects NE.; asc. NE. slope.
37.40	Spur, 23 ft. above spur, projects NW.; desc. W. slope.
39.88	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked S 9 / S 16 / 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	This cor stands on W. slope. 48 ft. below spur.
55.90	East Fork of Beaver Dam Wash, creek of clear water, 12 lks. wide, 3 ins. deep, 200 ft. below spur, drains SE.; asc. SE. slope. Wagon road in bottom of wash
64.10	Small draw, drains SE.; asc. N. slope.
71.80	Thence over N. slope.
79.76	The cor. of secs. 8, 9, 16 and 17, 290 ft. above creek.
	Land, mountainous, general drainage SE. and SW.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, few scattering cedars.
	Undergrowth, sage, live oak and buck brush.
	Fair grazing.

Chains	
	N.0°03'W., between secs. 8 and 9.
	Over mountainous land, covered with medium growth of live oak, sage, service berry and buck brush, and a few scattering cedars. Desc. along NE. slope.
6.40	Draw, 80 ft. below sec. cor., drains SE.; asc. SW. slope.
34.90	Ridge, 610 ft. above draw, bears N.65°W. & S.65°E.; desc. N. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 8 | S 9 1922 Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No suitable bearing trees available. This cor. stands on N. edge of draw, 120 ft. below ridge, drains E.; asc. S. slope.
46.00	Spur, 250 ft. above draw, projects E.; desc. N. slope.
54.20	Draw, 70 ft. below spur, drains E.; asc. S. slope.
69.10	Ridge, 250 ft. above draw, bears E. and W.; desc. N. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 4, 5, 8 and 9, with brass cap marked T 39 S R 18 W S5 | S 4 S 8 | S 9 1922 Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No suitable bearing trees available. This cor. stands on N. slope, 190 ft. below ridge. Land, mountainous, general drainage E. Soil, rocky and gravelly; 3rd. and 4th. rate. Timber, scattering cedars. Undergrowth, live oak, sage, service berry and buck brush Fair grazing.
	S.89°46'E., on random line, between secs. 4 and 9.

Chains	
40.00	Set temp. ¼ sec. cor.
79.82	Intersect N. and S. line, 26 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	Thence
	N.89°57'W., between secs. 4 and 9, on true line.
	Over mountainous land, covered with dense growth of sage, service berry and buck brush, scattering cedar. Desc. W. slope.
1.70	Road, Goldstrike to Enterprise Utah, bears NE. and SW.
3.20	East fork of Beaver Dam Wash, creek of clear water, 10 lks. wide, 8 ins. deep, 10 ft. below sec. cor., drains SW.; asc. E. slope.
11.00	Low spur, projects SE.
14.00	Head of draw, drains SE.
20.00	Point of spur, 380 ft. above creek, projects S.15°E.; desc. along SW. slope.
39.91	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	¼ S 4 / S 9 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	This cor. stands on SW. slope, 120 ft. below spur.
42.40	Head of small draw, drains SE.; asc. E. slope.
46.70	Small spur, projects SE. 60 ft. above ¼ sec. cor.; desc. along SW. slope.
60.00	Creek, 10 lks. wide, 8 ins. deep, 230 ft. below spur, drains SE.; asc. E. slope.
68.90	Spur, 240 ft. above creek, projects NE.; continue ascent along N. slope.
79.82	The cor. of secs. 4, 5, 8 and 9, 320 ft. below spur.
	Land, mountainous, general drainage SE.
	Soil, rocky and gravelly; 3rd. and 4th. rate.
	Timber, scattering cedar.
	Undergrowth, sage, service berry and buck brush.
	Fair grazing.

Chains	
	N.0°03'W., between secs. 4 and 5, on true line.
	Over rough mountain land, covered with medium growth of sage, black and oak brush and few scattering cedars. Desc. N. slope.
10.50	Main draw, 190 ft. below sec. cor., drains. E.; asc.S. slope.
15.90	Point of rocky spur, 290 ft. above draw, projects E.; desc. NE. slope.
27.00	Draw, 260 ft. below spur, drains, SE.; asc. S. slope.
36.30	Road, Gunlock to Acoma Nevada, bears E. and W.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec.cor., with brass cap marked

S 5 | ¼ S 4
1922

Raise mound of stone, 2 ft. base, 1½ ft. high, W.of cor.
No suitable bearing trees available.

69.40	Spur, 1120 ft. above draw, projects E.; desc. N. slope.
74.98	Intersect N. Tp. bdy., 15.35 chs. E. of the cor. of secs. 4, 5, 32 and 33, Tps. 38 and 39 S.,R.18 W., which is aniron post, 3 ins. in diam., firmly set in ground, marked and witnessed as described by surveyor general. At intersection.
	Set iron post, 3 ft. long, 2ins. in diam., 27 ins. in the ground, for the closing cor. of secs. 4 and 5, T. 39 S., R. 18 W., with brass cap marked

T 38 S R 18 W
S 33

S 5 | S 4
T 39 S | R 18 W
C C
1922

Raise mound of stone, 3 ft. base, 2 ft. high, S. of cor.
No suitable bearing trees available.
This cor. stand on N. slope, 110 ft. below spur.

Note: I destroy all marking on the cor.for secs. 4, 5, 32 and 33, Tps. 38 and 39 S.,R. 18 W., pertaining to to T. 39 S.,R. 18 W.

Land, mountainous, general drainage SE.

Soil, rocky and gravelly; 3rd. and 4th. rate.

Chains	
	Timber, scattering cedars.
	Undergrowth, sage, service berry, black and oak brush.
	Fair grazing.
	From the cor. of sec. 5, 6, 31 and 32, Tps. 39 and 40 S., R. 18 W., which is an iron post, 2 ins. in diam., 26 ins. above ground, 14 ins. in mound of stone, firmly set in ground, marked and witnessed as described by the surveyor general.
	N.0°03'W., between secs. 31 and 32.
	Over very mountainous land, covered with dense growth of cedar and pinon pine and dense growth of scrub and live oak, manzanita, owiump and black brush. Desc. NW. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec. cor., with brass cap marked S 31 | S 32 1921 from which A pinon pine, 8 ins. in diam., bears S.25°E., 8 lks. dist., mkd. ¼ S 32 B.T. A pinon pine, 7 ins. in diam., bears S.60°W., 42 lks. dist., mkd. ¼ S 31 B T.
	This cor. stands on NW. slope, 650 ft. below sec. cor.
70.90	Ravine, 375 ft. below ¼ sec. cor., drains NW.; asc. S. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 29, 30, 31 and 32, with brass cap marked T 39 S | R 18 W S 30 | S 29 S 31 | S 32 1921 from which A pinon pine, 8 ins. in diam., bears N.67½°E.,

Chains	
	7 lks. dist., mkd. T 39 S R 18 W S 29 B T.
	A pinon pine, 8 ins. in diam., bears S.33½°W.,
	104 lks. dist., mkd. T. 39 S R 18 W S 32 B T.
	A pinon pine, 6 ins. in diam., bears S. 5°W.,
	51 lks. dist., mkd. T.39.S R 18 W S 31 B T.
	A pinon pine, 6 ins. in diam., bears N.66½°W.,
	91 lks. dist., mkd. T 39 S R 18 W S 30 B T.
	This cor stands on spur, 60 ft. above ravine, projects NW.
	Land, very rough mountains, general drainage NW.
	Soil, quartzite and lime formation, shale on surface, 4th. rate.
	Undergrowth, dense scrub and live oak, manzanita, sage, owiump, almond and black brush.
	Fair grazing.
	East on random line, between sec. 29 and 32.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence
	S.89°55'W., between secs. 29 and 32, on true line.
	Over rough mountains, covered with sage, owiump, manzanita oak and black brush, and dense cedar and pinon pine timber. Desc. NW. slope.
11.10	Ravine, 125 ft. below sec. cor., drains NW.; asc. E. slope.
19.60	Ridge, 160 ft. above ravine, bears N. and S.; desc. W. slope.
29.50	Ravine, 300 ft. below ridge, drains NW.; asc. NE. slope.
37.10	Spur, 100 ft. above ravine, projects NW.; desc. W. slope.
39.99	Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked

¼ S 29 / S 32
1921

Chains	
	from which
	A pinon pine, 6 ins. in diam., bears S.12½°W., 102 lks. dist., mkd. ¼ S 32 B T.
	A pinon pine, 8 ins. in diam., bears N.48½°W., 62 lks. dist., mkd. ¼ S 29 B T.
64.00	Ravine, 100 ft. below spur, drains NW.; asc. E. slope.
79.98	The cor. of secs. 29, 30, 31 and 32, 30 ft. above ravine.
	Land, very rough mountains, general drainage NW.
	Soil, quartzite and lime formation, shale on surface, 4th. rate.
	Timber, cedar and pinon pine.
	Undergrwoth, sage, almond, manzanita, owuimp, oak and black brush.
	Fair grazing.
	West, on random line, between secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.,
80.35	Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, T. 39 S., Rs. 18 and 19 W., described in survey of T. 39 S.,R. 19 W. of this Group.
	Thence
	N.89°58'E., between secs. 30 and 31, on true line.
	Over mountainous land, covered with medium growth of cedar and pinon pine timber, dense undergrowth of sage, owuimp, almond, scrub and live oak, manzanita and black brush, asc. W. slope.
40.35	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	S 30 / ¼ / S 31 / 1921
	from which
	A pinon pine, 6 ins. in diam., bears N.20½°E., 98 lks. dist., mkd. ¼ S 30 B T.
	A pinon pine, 6 ins. in diam., bears S.49¾°W., 36 lks. dist., mkd. ¼ S 31 B T.

Chains	
	This cor. stands on W. slope, 650 ft. above sec. cor.
42.10	Ridge, 40 ft. above ¼ sec. cor., bears NW. and SE.; desc. very steep E. slope.
76.90	Ravine, 650 ft. below ridge, drains N.; asc. W. slope.
80.35	The cor. of secs. 29, 30, 31 and 32, 125 ft. above ravine.
	Land, very rough and mountainous, general drainage N.
	Soil, lime and quartzite formation, shale on surface, 4th. rate.
	Timber, cedar and pinon pine.
	Undergrowth, live oak, scrub oak, manzanita, sage, almond, owiump and black brush.
	Fair grazing.
	N.0°03'W., between secs. 29 and 30.
	Over mountainous land, covered with cedar and pinon pine timber, undergrowth of live and scrub oak, black, manzanita, sage and owuimp brush. Desc. N. slope.
4.00	Ravine, 150 ft. below sec. cor., drains NW.; asc. SW. slope.
23.70	Spur, 175 ft. above ravine, projects NW.; desc. N.slope.
33.00	Ravine, 175 ft. below spur, drains, W.; asc. S. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼

S 30 | S 29

1921

from which

A cedar, 6 ins. in diam., bears S.69°E., 42 lks. dist., mkd. ¼ S 29 B T.

A pinon pine, 4 ins. in diam., bears N.33°W., 44 lks. dist., mkd. ¼ S 30 B T.

	This cor. standson top of spur, 200 ft. above ravine, projects W.; desc. N. slope.
48.30	Ravine, 150 ft. below spur, drains W.; asc. S. slope.

Chains	
64.50	Spur, 150 ft. above ravine, projects W.; desc. NW. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 19, 20, 29 and 30, with brass cap marked

T 39 S R 18 W
S 19 | S 20
S 30 | S 29
1921

from which

A pinon pine, 6 ins. in diam., bears N.85¼°E., 44 lks. dist., mkd. T 39 S R 18 W S 20 B T.

A pinon pine, 6 ins. in diam., bears S.17½°E., 56 lks. dist., mkd. T 39 S R 18 W S 29 B T.

A pinon pine, 8 ins. in diam., bears S.58¾°W., 24 lks. dist., mkd. T 39 S R 18 W S 30 B T.

A pinon pine, 6 ins. in diam., bears N.20½°W., 46 lks. dist,, mkd. T 39 S R 18 W S 19 B T.

This cor. stands in bottom of small draw, 100 ft. below spur, drains NW.

Land, very rough and mountainous, general slope NW.

Soil, lime and quartzite formation, shale on surface, 4th. rate.

Timber, cedar and pinon pine.

Undergrowth, manzanita, almond, black, live and scrub oak, sage, owuimp and buck brush.

Fair grazing.

N.89°55'E., on random line, between secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.14 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence

N.89°58'W., between secs. 20 and 29, on true line.

Over very rough mountainous land, covered with cedar and pinon pine timber, and dense undergrowth of scrub and live oak, almond, owuimp, sage, manzanita, black and buck brush. Desc. W. slope.

Chains	
6.80	Ravine, 75 ft. below sec. cor., drains N.; asc. W. slope.
27.60	Spur, 575 ft. above ravine, projects N.; desc. W. slope.
40.07	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec. cor., with brass cap marked

¼ S 20 / S 29 1921

from which

A pinon pine, 8 ins. in diam., bears S.20°E., 12 lks. dist., mkd. ¼ S 29 B T.

A pinon pine, 6 ins. in diam., bears N.74°E., 24 lks. dist., mkd. ¼ S 20 B T.

This cor. stands on W. slope, 275 ft. below spur.

43.70	Ravine, 60 ft. below ¼ sec. cor., drains NW.; asc. NE. slope.
56.80	Spur, 125 ft. above ravine, projects NW.; desc. W.slope.
62.70	Ravine, 40 ft. below spur, drains NW.; asc. NW. slope.
70.30	Spur, 100 ft. above ravine, projects NW.; desc. W.slope.
80.14	The cor. of secs. 19, 20, 29 and 30, 200 ft. below spur.

Land, very rough and mountainous, general drainage NW.

Soil, lime and quartzite formation, shale on surface, 4th. rate.

Undergrowth, scrub abd live oak, almond, owuimp, sage, manzanita, black and buck brush.

Fair grazing.

Timber, cedar and pinon.

S.89°58'W., on random line, between secs. 19 and 30.

40.00	Set temp. ¼ sec. cor.
80.36	Intersect W. bdy. of the Tp. 2 lks. S. of the cor. of secs. 19, 24, 25 and 30, T. 39 S., Rs. 18 and 19 W., described in the notes of T. 39 S.,R. 19 W., of the same group.

Thence

N.89°59'E., between secs. 19 and 30, on true line.

Over rough mountainous land, covered with cedar and pinon pine timber, undergrowth of scrub and live oak

Chains	
	almond, owiump, sage, manzanita, black and buck brush. Asc. W. slope.
26.90	Spur, 400 ft. below sec. cor., projects NW.; desc. E. slope.
40.36	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for the ¼ sec. cor., with brass cap marked ¼ S 19 / S 30 1921 from which A cedar, 6 ins. in diam., bears S.35½°W., 147 lks. dist., mkd. ¼ S 30 B T. A pinon pine, 6 ins. in diam., bears N.36¾°W., 55 lks. dist., mkd. ¼ S 19 B T. This cor. stands in small draw, 150 ft. below spur, drains NW.; asc. W. slope.
80.36	The cor. of secs. 19, 20, 29 and 30, 400 ft. below ¼ sec. cor. Land, rough and mountainous, general drainage NW. Soil, rocky, 4th. rate. Timber, cedar and pinon pine. Undergrowth, scrub and live oak, almond, owuimp, sage, black and buck brush. Fair grazing.
	N.0°03'W., between secs. 19 and 20. Over mountainous land, covered dense cedar and pinon pine timber, and dense undergrowth of oak, manzanita, sage, almond, black and buck brush, Asc. SW. slope.
16.30	Ridge, 250 ft. above sec. cor., bears NW. and SE.; desc. N. slope.
33.17	Intersect line, 2 and 3, Survey No.6454, Searchlight lode, at S.57°07'E., 1.52 chs. dist. from cor. No.3, which is a pine post, 5 ins. square, 2 ft. in mound of stone, above ground, scribed 3-6454 S.

Chains	
36.19	Intersect line, 3 and 4, Survey No. 64544 Searchlight lode, at S.30°17'W., 2.53 chs. dist. from cor. No.3, heretofore described.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 19 | S 20 1921 from which A cedar, 4 ins. in diam., bears S.43°E., 39 lks. dist., mkd. ¼ S 20 B T. A pinon pine, 10 ins. in diam., bears N.37½°W., 98 lks. dist., mkd. ¼ S 19 B T. This cor. standson N. slope, 575 ft. below ridge.
79.00	Road, Goldstrike to St.George Utah, bears NE. and SW.
79.50	East Fork of Beaver Dam Wash, creek, 7 lks. wide, 2 ins. deep, 500 ft. below ¼ sec. cor., drains SW.
80.00	Set iron post, 3 ft.long, 2 ins. in diam., 14 ins. in the ground, surrounded by mound of stone, for the cor. of secs. 17, 18, 19 and 20, with brass cap marked T 39 S R 18 W S 18 | S 17 S 19 | S 20 1921 from which A cedar, 12 ins. in diam., bears N.24½°E., 145 lks. dist., mkd. T 39 S R 18 W S 17 B T. A cedar, 6 ins. in diam., bears S.41½°E.,221 lks. dist., mkd. T 39 S R 18 W S 20 B T. A cottonwood, 16 ins. in diam., bears S.37°W., 179 lks. dist., mkd. T 39 S R 18 W S 19 B T. A cedar, 4 ins. in diam., bears N.52°W., 16 lks. dist., mkd. B T. Natural obstacles prevent setting post required depth. Land, mountainous, general drainage NW. and W. Soil, lime, quartz and sandstone formation, 4th. rate. Timber, cedar and pinon pine, a few cottonwoods along creek.

Chains	
	Undergrowth, oak, manzanita, sage, almond, black and buck brush.
	Fair grazing.
	S.89°58'E., on random line, between secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.22	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 16, 17, 20 and 21.
	Thence
	N.89°53'W., between secs. 17 and 20, on true line.
	Over mountainous land, covered with dense growth of pinon pine and cedar timber, and dense undergrowth of manzanita, sage, black and buck brush. Asc. gradual E. slope.
5.70	Trail, Goldstrike to Gunlock Utah, bears NW. and SE.
11.20	Old road, bears N. and S.
19.22	Intersect line 1-4, Survey No. 6283, Primer No.2 lode, at S.32°57'W., 1.33 chs. dist., from cor.4, which is 4 x 4 ins. hewed cedar post, scribed 4-6283.
21.30	Telephone line, bears NW. and SE., Goldstrike to St.George Utah on top of spur, 150 ft. above sec. cor., projects SW.; desc. gradual W. slope.
38.40	Intersect line 1-2, Survey No. 6283, Primer No.1 lode, at S.22°34'E., 2.57 chs. dist., from cor. No.2, which 4 x 4 ins. hewed cedar post, 2½ ft. above ground surrounded by mound of stone, scribed 2-6283, and Cor. at N.22°34'W., 34 lks. dist., from Cor. No. 3, Survey No. 6283, Spot No. 3 lode, which is a 4 x 4 ins. hewed cedar post, 2½ft. above ground, surrounded by mound of stone, scribed 3-6283.
40.11	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec.cor., with brass cap marked
	¼ S 17 / S 20 1921
	from which

Chains	
	A cedar, 5 ins. in diam., bears S.18½°W., 40 lks. dist., mkd. ¼ S 20 B T.
	A pinon pine, 6 ins. in diam., bears N.52½°W., 89 dist., mkd. ¼ S 17 B T.
49.80	Littles house bears N.15°E., approximately 15 chs. dist.
77.20	East Fork of Beaver Dam Wash, creek 5 lks. wide, 8 ins. deep, 480 ft. below spur, drains SW. Road, Goldstrike to St. George Utah, in bottom of creek, bears SW. and NE.
80.22	The cor. of secs. 17, 18, 19 and 20.
	Land, mountainous, general drainage NW.
	Soil, rocky, 4th. rate.
	Timber, cedar and pinon pine.
	Undergrow th, oak, manzanita, sage, almond, black and buck brush.
	Fair grazing.
	S.89°59'W. on random line, between secs. 18 and 19.
40.00	Set temp. ¼ sec.cor.
80.32	Intersect W. bdy of Tp., 19 lks. S. of the cor. of secs. 13, 18, 19 and 24, T. 39 S., Rs. 18 and 19 W., heretofore described in the notes of T.39 S., R. 19 W., same group.
	Thence
	S.89°53'E., between secs. 18 and 19, on true line.
	Over mountainous land, covered with cedar and pinon pine timber, undergrowth of live oak, scrub oak, sage, owuimp, manzanita, almond, black and green brush. Desc. W. slope.
4.50	Ravine, 30 ft. below sec. cor., drains S.; asc. W.slope.
14.10	Spur, 200 ft. above ravine, projects S.; desc. SE.slope.
40.32	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec.cor., with brass cap marked

¼ S 18 / S 19
1921

Chains	
	from which
	A cedar, 4 ins. in diam., bears N.57¾°E., 44 lks. dist., mkd. ¼ S 18 B T.
	A cedar, 4 ins. in diam., bears S.41°E., 56 lks. dist., mkd. ¼ S 19 B T.
	This cor standson SE. slope, 150 ft. below spur.
65.60	East Fork of Beaver Dam Wash, creek 7 lks. wide, 2 ins. deep, 40 ft. below ¼ sec. cor., drains SW.
77.70	East Fork of Beaver Dam Wash, creek, 7 lks. wide, 2 ins. deep, drains NW.
80.00	Shearing Corral, bears N. 30 lks. dist.
80.32	The cor. of secs. 17, 18, 19 and 20.
	Land, mountainous, general drainage SE.
	Soil, rocky, 3rd. rate.
	Timber, cedar and pinon pine.
	Undergrowth, live and scrub oak, sage, owuimp, manzanita, almond and black and green brush.
	Fair grazing.
	N.0°03'W., between secs. 17 and 18.
	Over mountainous land, covered with cedar and pinon pine timber, undergrowth of oak, manzanita and sage brush. Asc. SE. slope.
4.00	Spur, projectsSE.; continue ascent.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground on solid rock, surrounded by mound of stone, for the ¼ sec.cor., with brass cap marked

S 18 | S 17
1921

from which

A cedar, 6 ins. in diam., bears S.62¾°E.,16 lks. dist., mkd. ¼ S 17 B T.

A cedar, 5 ins. in diam., bears N.62°W., 48 lks. dist., mkd. ¼ S 18 B T.

Chains	
55.60	End of spur, 400 ft. above sec. cor., projects E.; desc. NE. slope.
61.00	Ravine, 140 ft. below spur, drains SE.; asc. SE. slope.
74.70	Spur, 150 ft. above ravine, projects SE.; desc. NE. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked

T 39 S R 18 W
S 7 | S 8
S 18 | S 17
1921

from which

A cedar, 4 ins. in diam., bears N.23½°E., 49 lks. dist., mkd. T 39 S R 18 W S 8 B T.

A cedar, 16 ins. in diam., bears S.57°E., 43 lks. dist., mkd. T 39 S R 18 W S 17 B T.

A cedar, 5 ins. in diam., bears S.49°W., 53 lks. dist., mkd. T 39 S R 18 W S 18 B T.

A pinon pine, 8 ins. in diam., bears N.80½°W., 52 lks. dist., mkd. T 39 S R 18 W S 7 B T.

Land, mountainous, general drainage SE.

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

Timber, cedar and pinon pine .

Undergrowth, oak, manzanita and sage brush.

Fair grazing.

S.89°53'E., on random line, between secs. 8 and 17.

40.00	Set temp ¼ sec. cor.
80.22	Intersect N. and S. line, 49 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence

N.89°46'W., between secs. 8 and 17, on true line.

Over mountainous land, covered with scattering pinon pine and cedar timber, undergrowth of oak, dogwood, almond and manzanita brush. Asc. SE. slope.

6.70	Spur, 220 ft. above sec. cor., projects SE.; desc. SW. slope.

Chains	
11.60	Levi Cantrell's, house bears S.5¾°E., barn, S.5½°E., store S.1°W.
16.90	Ravine, 120 ft. below spur, drains SE.; asc. SE. slope.
23.30	Spur, 105 ft. above ravine, projects SE.; desc. SW. slope.
31.70	Ravine, 105 ft. below spur, drains SE.; asc. SE. slope.
40.11	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 8 / S 17 1921 from which A pinon pine, 4 ins. in diam., bears S.33½°W., 62 lks. dist., mkd. ¼ S 17 B T. A cedar, 6 ins. in diam., bears N.18½°W., 77 lks. dist., mkd. ¼ S 8 B T.
43.70	Spur, 210 ft. above ravine, projects SE.; desc. SE. slope.
49.50	Draw, 70 ft. below spur, drains SE.; asc. SE. slope.
55.70	Spur, 20 ft. above draw, projects SE.; desc. SW. slope.
61.20	Draw, 90 ft. below spur, drains S.; asc. SE. slope.
63.40	Spur, 40 ft. above draw, projects SE.; desc. SW. slope.
75.40	Ravine, 120 ft. below spur, drains S.; asc. SE. slope.
80.22	The cor. of secs. 7, 8, 17 and 18, 125 ft. above ravine.
	Land, mountainous, general drainage, SE.
	Soil, rocky and gravelly, 3rd. and 4th. rate.
	Timber, pinon pine and cedar.
	Undergrowth, oak, almond, dogwood and manzanita.
	Fair grazing.
	N.89°53'W., between secs. 7 and 18, on random line.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect W. bdy of Tp. 19 lks. S. of the cor. of secs. 7, 12, 13 and 18, T. 39 S., R. 18 and 19 W., heretofore described in the notes of T. 39 S., R. 19 W., same group.
	Thence

Chains

S.89°45'E., between secs. 7 and 18, on true line.

Over mountainous land, covered with scattering cedar and pinon pine timber, and dense undergrowth of dogwood, almond and manzanita brush. Desc. SE. slope.

4.40 Ravine, 40 ft. below sec. cor., drains SE.; asc. W. slope.

19.20 Spur, 40 ft. above ravine, projects S.; desc. E. slope.

23.50 Ravine, 115 ft. below spur, drains S.; asc. SW. slope.

32.30 Spur, 130 ft. above ravine, projects S.; desc. SE. slope.

38.40 Ravine, 180 ft. below spur, drains SW.; asc. SW. slope.

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

¼ S 7 / S 18 / 1921

from which

A pinon pine, 6 ins. in diam., bears N.10½°E., 78 lks. dist., mkd. ¼ S 7 B T.

A cedar, 4 ins. in diam., bears S.29½°E., 46 lks. dist., mkd. ¼ S 18 B T.

53.00 Spur, 170 ft. above ravine, projects S.; desc. E. slope.

60.30 Spur, projects SE.; continue descent.

62.30 Ravine, 110 ft. below spur at 53 chs., drains SE.; asc. SW. slope.

69.10 Spur, projects SE.; continue ascent.

77.20 Spur, 100 ft. above ravine, projects SE.; desc. NE. slope.

80.04 The cor. of secs. 7, 8, 17 and 18, 90 ft. below spur.

Land, mountainous, general drainage SE.

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

Timber, scattering cedar and pinon pine.

Undergrowth, dogwood, almond and manzanita brush.

Fair grazing.

N.0°03'W., between secs. 7 and 8.

Over rough mountain land, covered with medium growth of cedar and pinon pine timber, and medium growth of sage, live oak, and buck brush. Asc. along NE. slope.

Subdivision of T. 39 S., R. 18 W.

Chains	
31.50	Draw, 300 ft. above sec. cor., drains SE.; asc. S.slope.
34.60	Sandstone ledges, 30 ft. high, bears E. and W.
40.00	Set iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 7 | S 8 1922 Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No suitable bearing trees available. This cor. stands on S. slope, 660 ft. above the sec. cor.
44.80	Main ridge, 15 ft. above ¼ sec. cor., bears E. and W.; desc. N. slope.
58.00	Draw, 140 ft. below ridge, drains E., head of this draw is 5 chs. to the W.; asc. S. slope.
68.30	Spur, 120 ft. above draw, projects E.; desc. N. slope.
80.00	Set iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for the cor. of secs. 5, 6, 7 and 8, with brass cap marked T 39 S R 18 W S 6 | S 5 S 7 | S 8 1922 from which A cedar, 8 ins. in diam., bears N.15¾°E., 102 lks. dist., mkd. T 39 S R 18 W S 5 B T. A cedar, 6 ins. diam., bears N. 69°¾ W., 44 lks. dist., mkd. T 39 S R 18 W S 6 B T. No other bearing trees available. Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor. This cor. stands on N. slope, 190 ft. below spur. Land, rough and mountainous, general drainage SE. Soil, rocky and gravelly, 3rd. and 4th. rate. Timber, cedar and pinon pine. Undergrowth, sage, live oak and buck brush.

Chains	
	Fair grazing.
	N.89°46'E., on a random line, bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.26	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence
	S.89°51'W., on true line, between secs. 5 and 8.
	Over rough mountainous land, covered with medium growth of sage, oak and buck brush, and a few scattering cedars. Desc. along N. slope.
40.13	Set iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the ¼ sec. cor., with brass cap marked
	¼ S 5 / S 8 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees available.
	This cor. stands on N. slope, 140 ft. below sec. cor.; continue descent over N. slope.
80.26	The cor. of secs. 5, 6, 7 and 8, 315 ft. below ¼ sec. cor.
	Land, mountainous, general drainage SE.
	Soil, rocky and gravelly, 3rd. and 4th. rate.
	Timber, few scattering cedars.
	Undergrowth, live oak, sage and buck brush.
	Fair grazing.
	N.89°45'W., on a random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
80.01	Intersect W. bdy. of tp. 14 lks. S. of the cor. of secs. 1, 6, 7 and 12, T. 39 S., Rs. 18 and 19 W., heretofore described in the notes of T. 39 S., R. 19 W., same Group.

Chains	
	Thence
	S. 89°39'E., on true line, bet. secs. 6 and 7.
	Over rough mountainous land, covered with medium growth of sage and buck brush, and a few scattering cedars. Gradual descent along top of spur.
10.50	Spur, projects E.; continue gradual descent along top of spur.
24.60	Point of spur, projects E.; desc. E. slope.
29.90	Draw, 35 ft. below point of spur, drains NW.; asc. E. slope.
40.01	Set iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on solid rock, surrounded by mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S 6 / S 7 1922 Raise mound of stone, 2 ft. base, 1½ ft. high, N. of the cor. This cor. stands on top of E. slope, 75 ft. above draw; desc. NW. slope.
69.50	Draw, 70 ft. below ¼ sec. cor., drains N.; desc. along S. slope.
75.00	Spur, 35 ft. above draw, projects S.5°E.; desc. along N. slope.
80.01	The cor. of secs. 5, 6, 7 and 8. Land, mountainous, general drainage SE. Soil, rocky and gravelly, 3rd. and 4th. rate. Timber, few scattering cedars. Undergrowth, sage and buck brush. Fair grazing.
	N.0°03'W., on true line, bet. secs. 5 and 6.
	Over rough mountainous land, covered with medium growth of sage, service berry, and buck brush; desc. N. slope.
12.30	Main draw, 270 ft. below sec. cor., drains E; asc. S.

Chains	
	slope.
33.40	Spur, 300 ft. above draw, projects W.; continue ascent along E. slope.
40.00	Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 6 | S 5 1922 Raise mound of stone, 2 ft. base, 1½ ft. high, W. of the cor.
57.40	Ridge, 170 ft. above ¼ sec. cor., bears E. and W.; desc. N. slope.
73.70	Draw, 460 ft. below ridge, drains E.; asc. NE. slope.
75.02	Intersect N. bdy. of Tp., 15.10 chs. dist., East of the cor. of secs. 5, 6, 31 and 32, Tps. 38 and 39 S., R. 18 W., which is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. At intersection Set iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for the closing cor. of secs. 5 and 6, T. 39 S., R. 18 W., with brass cap marked T 38 S R 18 W S 32 32 S 6 | S 5 T 39 S | R 18 W C C 1922 Raise mound of stone, 2 ft. base, 1½ ft. high, S. of the cor. Note: I destroy all markings on this cor. for secs. 5, 6, 31 and 32, Tps. 38 and 39 S., R. 18 W., pertaining to T. 39 S., R. 18 W. Land, rough mountains, general drainage SE. Soil, rocky and gravelly, 3rd. and 4th. rate. Timber, none. Undergrowth, sage, service berry and buck brush. Fair grazing.

Chains	
	From the ¼ sec. cor. of secs. 1 and 36, Tps. 38 and 39 S., R. 18 W., which is an iron post, 1 in. diam., firmly set in ground and mound of stone, marked and witnessed as described by the surveyor-general. I efface the markings on this cor. pertaining to sec. 1.
	Thence
	East along N. bdy. of sec. 1.
14.72	Point midway between the Township cors. of T. 39 S., Rs. 17 and 18 W., and closing cor. of secs. 1 and 2.
	Set iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground; for the ¼ sec. cor., of sec. 1 only, with brass cap marked
	¼ S 1 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	From the ¼ sec. cor., of secs. 2 and 35, Tps. 38 and 39 S., R. 18 W., which is an iron post, 1 in. diam., firmly set in the ground, marked and witnessed as described by the surveyor-general. I efface markings the cor. and bearing tree pertaining to sec. 2. There was no other suitable bearing tree for sec. 35.
	Thence
	East along N. bdy. of sec. 2.
14.94	Point midway between the closing sec. cors. of secs. 1 and 2, and secs. 2 and 3, T. 39 S., R. 18 W.
	Set iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the ¼ sec. cor., of sec. 2 only, with brass cap marked
	¼ S 2 1922
	Raise mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	From the ¼ sec. cor. of secs. 3 and 34, Tps. 38 and 39 S., R. 18 W., which is an iron post, 1 in. diam., firmly set in ground, marked and witnessed as described by the surveyor-general. I efface all markings on

Chains

the cor. pertaining to sec. 2.

East along N. bdy. sec. 3.

15.24 Point midway between the closing cors. of secs. 2 and 3, and secs. 3 and 4, T. 39 S., R. 18 W.

Set iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the ¼ sec. cor., of sec. 3 only, with brass cap marked

¼ S 3
1922

Raise mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

From the ¼ sec. cor. of secs. 4 and 33, Tps. 38 and 39 S., R. 18 W., which is an iron post, 1 in. diam., firmly set in the ground, marked and witnessed as described by the surveyor- general. I efface all markings on this cor. pertaining to sec. 4.

Thence

East along the N. bdy. of sec. 4.

15.385 Point midway between the closing cors. of secs. 3 and 4, and secs. 4 and 5, T. 39 S., R. 18 W.

Set iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the ¼ sec. cor. of sec. 4 only, with brass cap marked

¼ S 4
1922

Raise mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

From the ¼ sec. cor., of secs. 5 and 32, Tps. 38 and 39 S., R. 18 W., which is an iron post, 1 in. diam., firmly set in the ground, marked and witnessed as described by the surveyor- general. I efface all markings on this cor. pertaining to sec. 5.

Thence

East, along the N. bdy. of sec. 5.

15.385 Point midway between the closing cors. of secs. 4 and 5, and secs. 5 and 6, T. 39 S., R. 18 W.

Set iron post, 3 ft. long, 1 in. diam., 28 ins. in the

Chains

ground for the ¼ sec. cor., of sec. 5 only, with brass cap marked

¼ S 5
1922

Raise mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

From the ¼ sec. cor., of secs. 6 and 31, T. 38 and 39 S., R. 18 W., which is an iron post, 1 in. diam., firmly set in the ground, marked and witnessed as described by the surveyor-general. I efface all markings on this cor. pertaining to sec. 6.

Thence

East, along the N. bdy. of sec. 6.

15.10 Point, 40.00 chs. westing from the closing cor. of secs. 5 and 6, T. 39 S., R. 18 W.

Set iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the ¼ sec. cor., of sec. 6 only, with brass cap marked

¼ S 6
1922

Raise mound of stone, 2 ft. base, 1½ ft.high, S. of cor.

Retracement of Mineral Surveys in T. 39 S.,R.18 W.

From Cor. No. 3, Survey No. 6283, Hamburg No. 3 lode, which is a 4 x 4 in. hewed cedar post, firmly set in ground and mound of stone, marked 3-6283.

Thence

S.84°32'E., on retracement of line 3-4, Survey No.6283, Hamburg No.3, lode, at 1397.9 ft. dist., intersect Cor. No. 4, Survey No. 6283, Hamburg No.3 lode, which is a 4 x 4 in. hewed cedar post, firmly set in ground in mound of stone, marked 2-4-6283.

From Cor. 2, Survey No.6283, Hamburg No.5 lode, which is

a 4 x 4 in. hewed cedar post, firmly set in the ground in mound of stone, scribed 4-2-6283.

Thence

N.84°32'W., along line 2-3, Survey No. 6283, Hamburg No.5 lode, at 489.08 ft. dist., intersect line 1-4, Survey No. 6283, Spot No.1 lode, 99.3 ft., N.48°34'W., of Cor. No 1, Survey No. 6283, Spot No. 1 lode, which is a cedar post 4 ins. square, firmly set in the ground and in mound of stone, scribed 1-6283.

Latitudes, Departures, and Closing Errors.

Lines designated	True bearings	Distances	Latitudes N.	Latitudes S.	Departures E.	Departures W.
W.bdy.T39SR18W	North	474.28	474.28	.....	.....	.....
N.bdy.T39SR18W	East	479.42	.....	.....	479.42	.....
E.bdy.T39SR18W	South	474.71	.....	474.71	.....	.....
S.bdy.T39SR18W	West	480.56	.....	.....	.....	480.56
Convergency		.....	.....	.....	55	.....
Totals			474.28	474.71	479.97	480.56
				474.28	480.53	479.97
Errors in lat. and dep.				0.43	0.11	.59

General Description.

The land in this township is very rough and mountainous with a southwesterly exposure and drainage, and covered with a dense growth of cedar and pinon pine timber in the southern portion and scattering cedar and pinon pine timber in the northern portion. A medium growth of undergrowth, consisting of manzanita sage, owiump, buck, service berry, live and scrub oak, dogwood, black and green brush, thru the township.

The soil consistsof a shallow gravelly loam.

The only permanent water in the township is a stream of good clear water, averaging about 6 lks. wide, 5ins.

deep, in bottom of East Fork of Beaver Dam Wash, entering the Township on the N. bdy. of sec. 3 and and flowing in a southwesterly direction , leaving the township on the W. bdy. sec. 19.

This stream furnishes enough water to irrigate a small tract of cultivated land, along the stream in the center of the NE$\frac{1}{4}$, SE$\frac{1}{4}$ sec. 17, aboub 12 acres, belonging to Levi Cantrell. This is the only land in the township being used for agricultural purposes in the township.

There is indication of gold bearing ore, and in twenty one patented claims in secs. 17, 18, 19, 20 and 21. Also about 12 miners and prospectors living in a camp called Gold Strike in sec. 20.

There is only one road in this township, following the Beaver Dam Wash, this road is almmst impassable at certain points.

There is a sparse growth of grass, but good browsing thruout the township.

No magnetic decl. was taken on account of defective needle.

Chas. F Moore
U.S.Transitman.

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Page

BOOK A-454

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Melvin Lewis	Principal Assistant.
Stewart McNabb	Principal Assistant.
Frank Romney	Assistant Chainman.
Bertrand Hathenbruck	Assistant Chainman.
Verdin John	Flagman.
Amos Terry	Flagman.
Robert C. Yundt.	Cornerman.
Edward L. Hunt	Cornerman.
Edward Block	Axman.

6—2764

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ Transitman.

I, Chas. F. Moore, U.S.Transitman, hereby certify upon honor that, according to records in his original field tablets ~~X~~ James C. O'Brien, U. S. Surveyor, ~~hereby certify upon honor that~~ in pursuance of special instructions received from the U. S. Surveyor General for desceased Utah bearing date of the 17th. day of January, 1921, ~~xxxxx~~ has well, faithfully, and truly in ~~xx~~ his 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 T. 39 S., R. 18 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes and date diagram as having been executed by ~~xx~~ him, and under ~~xx~~ his direction on dates as shown on; 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, compiled by me from the original field tablets of James C. O'Brien, U.S.Surveyor, deceased

Chas. F. Moore

U. S. ~~Surveyor~~ Transit

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 191

The foregoing field notes of the survey of

executed by

under his special instructions dated , 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

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

U. S. Surveyor General.

BOOK A-454

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Robt. C. Yundt	Principal Assistant.
Frank Romney	Assistant Chainman.
Verdin John	Flagman.
Joe Wilks	Cornerman.

Volume

#

R0454

6—2764

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ Transitman.

I, Chas. F. Moore, U. S. ~~Surveyor~~ Transitman, 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 January, 1921, 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 T. 39 S., R. 18 W. of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes and date diagram as having been executed by me, and under my direction on dates shown on said diagram 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.
February, 3, 1923

Chas. F. Moore
U. S. ~~Surveyor~~ Transitm

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 21, 1923.

The foregoing field notes of the survey of the east boundary and subdivisional lines; retracement of a portion of the mineral surveys in Sec.20; and the establishment of ¼ section corners on the north boundary of Township No. 39 South, Range No. 18 West, of the Salt Lake Base and Meridian, Utah;

executed by James C. O'Brien and Chas, F. Moore

under ~~his~~ special instructions dated Jan. 17, 1921, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements, resurveys they describe, are hereby approved.

E. L. Boreson
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.

4—679

519

U. S. Surveyor General's
MAY 18 1922
SALT LAKE CITY, UT

BOOK A-454

C

FIELD NOTES

OF THE RE SURVEY OF THE

UTAH - NEVADA STATE BOUNDARY LINE BETWEEN THE

270TH. AND 276+34 MILE CORNERS AND SURVEY OF

THE NORTH BOUNDARY AND SUBDIVISION OF

T. 39 S., R.20 W.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

JAMES C. O'BRIEN

In the capacity of U. S. Surveyor, under instructions dated JANUARY 17, 1921 ~~XXX~~, *issued by the United States Surveyor General to govern surveys included in Group No.* 109, *which were approved by the Commissioner of the General Land Office,* FEBRUARY 5 AND 17, 1921 ~~XXX~~ ; ASSIGNMENT INSTRUCTIONS DATED Feb.1,192

Survey commenced MARCH 18, 1921 ~~XXX~~

Survey completed MAY 28, 1921 ~~XXX~~

6—151

F.B.J. F.M.S.

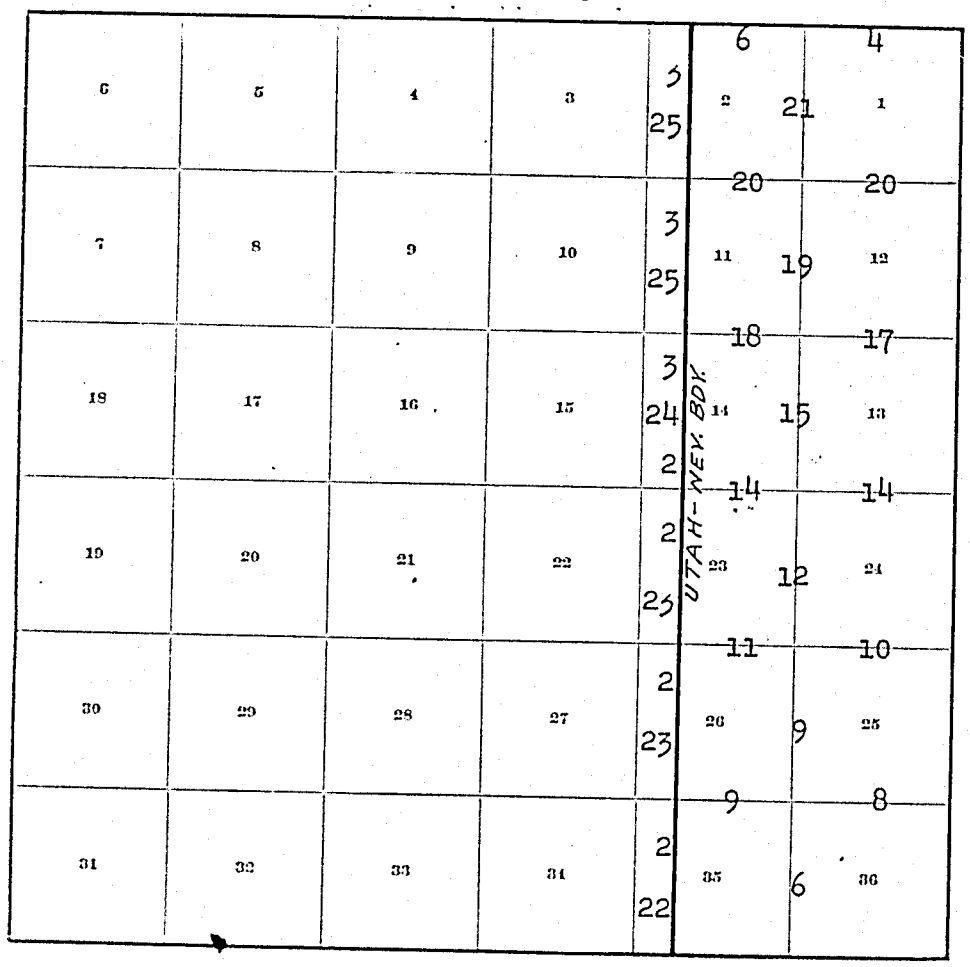
F.M.S.
F.B.J.

F.M.S. F.B.J.

BOOK A-456

INDEX DIAGRAM.

Township 39 South, Range 20 west/



BOOK A-454

4—679 b

INDEX DIAGRAM.

Township 39 S, Range 20 W

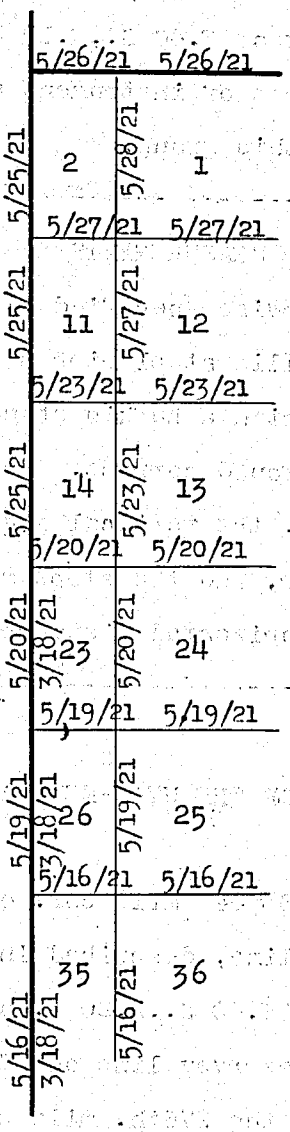
					526	524
6	5	4	3	2	545 541	1
					540	540
7	8	9	10	11	544 539	12
					538	537
18	17	16	15	14	544 535	13
					534	534
19	20	21	22	23	543 533	24
					531	530
30	29	28	27	26	543 529	25
					529	528
31	32	33	34	35	542 527	36

Reserved pages 522 & 523
Utah Nevada Bly Line

6—4817

Date Diagram.

Fractional T. 39 S., R. 20 W.



Survey commenced March 18, 1921 and executed with a Young and Sons mountain transit No. 8584; the instrument is equipped with Smith solar attachment and full vertical circle; unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

The instrument was approved for use in this survey, conditional upon satisfactory field tests, by the Assistant Supervisor of Surveys for Utah in assignment instructions dated February 1, 1921.

Test of Instrument

chains	
	This township was survey in conjunction with T.39 S.,R. 19 W. of this group; for complete test of instrument see survey of T.40 S.,R.19 W.
	For final test of instrument see survey of T.39 S., R. 18 W. of this group.

	MEASUREMENTS
	Unless otherwise specified all measurements are made with a Lallie steel ribbon tape 8 chains in length. compared with a Lufkin standard steel tape 1 chain long and found correct. The measurements are made on the slope, the vertical angles determined by use of the clinometer, and the slope measurement properly reduced to true horizontal distances.

	RESURVEY OF THE UTAH-NEVADA STATE BOUNDARY LINE.
	From the 276 + 34 mile cor. on the Utah- Nevada State Boundary line, described in the field notes of the survey of T.40 S.,R.20 W. of this group.
	North, on resurvey line on 276th. mile.
34.00	No trace of the 276th. mile cor. can be found, I therefore continue my line north,making searches at record distances for the 275, 274,and 273rd. mile corners but fail to find any trace of corners until, at,
302.61	Fall 53 lks. E. of the 272 + 40 mile cor., which is cedar stake, 6ins.x 6 ins. x 3ft., firmly set in a mound of stone, also a trachyte, 18 x 12 x 4 ins. firmly set in same mound; both post and stone properly marked.
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in a mound of stone alongside of old cors., with brass cap marked
	272 | 40 Nev | Utah 1921

chains	
	The course of this line is therefore N.0°06'W., and the distance is 302.61 chs.

	From the 272+40 mile cor.
	North, on resurvey line on the 273rd. mile.
40.00	No trace of the 272nd. mile cor. can be found, I therefore continue my line north, and, at
111.81	Fall 23 lks. E. of the 271st. mile cor. which is a cedar stake, 6 ins. x 6 ins. x 4 ft., firmly set in a mound of stone and properly marked.
	Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground on solid rock and 10 ins. in a mound of stone alongside old cor., with brass cap marked
	271 Nev | Utah 1921
	The course of this line is therefore N.0°07'W., and the distance is 111.81 chs.

	From the 271st. mile cor.
	North, on resurvey line on the 271st. mile.
94.88	Fall 418 lks. E. of the 270th. mile cor. which is a large mound of stone on top of ridge as described in the field notes of the survey of this boundary. No trace of the cedar post can be found.
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in a large mound of stone on solid rock at exact center of old stone mound, with brass cap marked
	270 Nev | Utah 1921
	The course of this line is therefore N.2°31'W., and the distance is 94.97 chs.

North Boundary of T.39 S., R.20 W.

chains	
	From the cor. of T.38 S., Rs. 19 and 20 W., which is an iron post, 3 ins. in dia., established by me and described in the field notes of the survey of T.39 S., R.19 W.
	West, along S. bdy. sec. 36, T.38 S., R.20 W.
	Descend over mountainous land through medium growth of timber and dense undergrowth.
5.00	Beaver Dam Wash, small stream of water in same, course SE., 310 ft. below tp. cor.; ascend.
9.70	Spur, projects SE., 100 ft. above Beaver Dam Wash; descend.
14.40	Ravine, drains SE.; 100 ft. below spur; ascend.
20.13	Westing of 40.00 chs. from the cor. of Tp. 39 S., Rs. 19 and 20 W.
	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for ¼ sec. cor. N. bdy. sec. 1, T.39 S., R.20 W., with brass cap marked
	¼ S1 / 1921
	from which
	A cedar, 6 ins. diam., bears S.23¼°E., 22 lks. dist., marked ¼ S 1 B T
	A pinon, 6 ins. diam., bears S.61°W., 43 lks. dist., marked ¼ S 1 B T
	Cor. stands 250 ft. above ravine; continue ascent.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 6 ins. in a mound of stone for ¼ sec. cor., S. bdy. sec. 36, T.38 S., R.20 W. with brass cap marked
	¼ S36 / 1921
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees are available.
	Cor. stands on ridge, bears NW. and SE., 225 ft. above

chains	
	$\frac{1}{4}$ sec. cor. for sec. 1; descend.
60.13	Set an iron post, 3 ft. long, 2 ins. in dia., 16 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 1 and 2, T.39 S.,R.20 W., with brass cap marked T38SR20W S36 S2 | S1 T39S | R20W 1921 from which A pinon, 6 ins.diam.,bears S.57$\frac{1}{2}$°W., 69 lks. dist.,marked T 39 S R 20 W S 2 B T No other trees available.
	Cor. stands 160 ft. below $\frac{1}{4}$ sec. cor. for sec. 36; continue descent.
64.80	Ravine; drains SE., 125 ft. below cor. of secs. 1 and 2; ascend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 35 and 36, T.38 S.,R.20 W., with brass cap marked T38S | R20W S35 | S36 S2 T39S 1921 Raise a mound of stone, 2 ft.base, 1$\frac{1}{2}$ ft.high, N.of cor. No suitable bearing trees are available. Cor. stands 150 ft. above ravine. Land, mountainous; general S. drainage. Soil, shallow brown loam and rocky of quartz and limestone formation; 4th. rate. Timber, cedar and pinon. Undergrowth, live oak, sage, buck, green and almond brush. Fair grazing land.
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chains	
	West, along S. bdy. sec. 35, T.38 S., R.20 W.
	Ascend over mountainous land through medium growth of timber and dense undergrowth.
14.50	Ridge, bears NW. and SE., 300 ft. above sec. cor., descend.
20.13	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for ¼ sec. cor. N. bdy. sec. 2, T.39 S., R.20 W., with brass cap marked

¼ S2
1921

Raise a mound of stone, 2 ft.base, 1½ ft.high, S.of cor.
No suitable bearing trees are available.
Cor. stands about level with ridge.

chains	
23.97	Intersect Utah- Nevada State Boundary Line, S.2°31'E., 19.20 chs. distant from the 270th. mile cor.

At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and mound of stone for closing cor. of Tps. 38 and 39 S., R.20 W., with brass cap marked

T38S
R20W
S35
N — CC
S2
T39S
1921

No suitable bearing trees are available.
Cor. stands 60 ft. below ridge.
Land, mountainous; general S. drainage.
Soil, gravelly and rocky of limestone and quartz formation; 4th. rate.
Timber, cedar and pinon.
Undergrowth, live oak, sage, green black brush and mountain rush. Fair grazing land.

Subdivision of T.39 S.,R.20 W.

From the cor. of secs. 1,2,35 and 36 on the S. bdy. of the tp., which is an iron post, 2 ins. in dia.,

chains	
	established by me and described in the field notes of the survey of T.40 S.,R.20 W.
	N.0°01'W., bet. secs. 35 and 36.
	Descend over mountainous land through dense timber and undergrowth.
32.80	Ravine, drains SE., 175 ft. below sec. cor.; ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

¼

S35 | S36

1921

from which

A cedar, 6 ins.diam.,bears S.30½°E., 59 lks. dist.,marked ¼ S 36 B T

A cedar, 16 ins.diam.,bears N.87°W., 36 lks. dist.,marked ¼ S 35 B T

Cor. stands 75 ft. above ravine; continue ascent.

49.40	Ridge, bears NW. and SE., 100 ft. above ¼ sec. cor.; descend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 25,26,35 and 36, with brass cap marked

T39S S26	R20W S25
S35	S36

1921

from which

A cedar, 6 ins.diam.,bears N.7°E., 76 lks. dist.,marked T 39 S R 20 W S 25 B T

A cedar, 7 ins. diam.,bears S.63½°E., 25 lks. dist.,marked T 39 S R 20 W S 36 B T

A cedar, 5 ins.diam.,bears S.57°W., 72 lks. dist.,marked T 39 S R 20 W S 35 B T

A cedar, 6 ins.diam.,bears N.53¾°W., 108 lks. dist.,marked T 39 S R 20 W S 26 B T

Cor. stands 40 ft. below ridge.

Subdivision of T.39 S.,R.20 W.

chains	
	Land, mountainous; drains N. on S.½ mile and NE. and E. on N.½ mile.
	Soil, shallow brown loam and rocky of granite and quartz formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, sage, buck and green brush.
	Fair grazing land.
	East, on a random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.23	Intersect E. bdy. of the tp., 21 lks. N. of the cor. of secs. 25,30,31 and 36 described in the field notes of the survey of T.39 S.,R.19 W.
	Thence
	N.89°51'W., on true line bet. secs. 25 and 36.
	Descend over mountainous land through dense timber and undergrowth.
14.20	Ravine, drains S., 120 ft. below spur; ascend.
18.90	Spur, projects S., 120 ft. above ravine; descend.
40.11½	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., with brass cap marked S 25 ¼ S 36 1921 from which A cedar, 8 ins.diam.,bears S.39½°W., 77 lks. dist.,marked ¼ S 36 B T A pinon, 8 ins.diam.,bears N.4°W., 152 lks. dist.,marked ¼ S 25 B T
	Cor. stands 300 ft. below spur; continue descent.
51.00	Bunker Peak Wash, small stream of water in same, course SE.; 50 ft. below ¼ sec. cor.; ascend.
80.23	The cor. of secs. 25,26,35 and 36, 275 ft. above wash.
	Land, mountainous; general SE. drainage.
	Soil, rocky of granite and quartz formation; 4th. rate.
	Timber, cedar and pinon.

chains

Undergrowth, live and scrub oak, sage, manzanita and mountain rush. Fair grazing land.

West, on true line bet. secs. 26 and 35

Gradually ascend E. slope over mountainous land through dense timber and undergrowth.

21.70 Ridge, bears NW. and SE., 75 ft. above sec. cor.; gradually descend W. slope.

39.88 Intersect Utah-Nevada State Boundary Line, N.0°06'W., 96.28 chs. distant from the 276 - 34 mile cor.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for closing cor. of secs. 26 and 35, with brass cap marked

T39S
S26
N — CC
S35
R20W
1921

from which

A cedar, 4 ins.diam.,bears N.72½°E., 145 lks. dist.,marked T 39 S R 20 W S 26 C C B T

A cedar, 6 ins.diam.,bears S.41¼°E., 270 lks. dist.,marked T 39 S R 20 W S 35 C C B T

Land, mountainous; general SE. drainage.

Soil, gravelly and rocky of quartz and limestone formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, sage, buck, black, green, almond brush and manzanita. Fair grazing land.

From the cor. of secs. 25,26,35 and 36.

N.0°01'W., bet. secs. 25 and 26.

Gradually descend over mountainous land through dense timber and undergrowth.

30.75 Bunker Peak Wash, drains SE., 250 ft. below sec. cor.; ascend.

chains

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground and mound of stone for ¼ sec. cor., with brass cap marked

¼

S26 | S25

1921

from which

A pinon, 16 ins.diam.,bears S.52°E., 36 lks. dist.,marked ¼ S 25 B T

A cedar, 8 ins.diam.,bears S.77½°W., 72 lks. dist.,marked ¼ S 26 B T

Cor. stands 150 ft. above wash; continue ascent.

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

T39S S23	R20W S24
S26	S25

1921

from which

A cedar, 6 ins.diam.,bears N.47½°E., 63 lks. dist.,marked T 39 S R 20 W S 24 B T

A cedar, 6 ins.diam.,bears S.27½°E., 24 lks. dist.,marked T 39 S R 20 W S 25 B T

A cedar, 5 ins.diam.,bears S.37½°W., 61 lks. dist.,marked T 39 S R 20 W S 26 B T

A cedar, 6 ins.diam.,bears N.57°W., 67 lks. dist.,marked T 39 S R 20 W S 23 B T

Cor. stands 250 ft. above ¼ sec. cor.

Land, rough mountainous; general SE. drainage.

Soil, shallow loam and rocky of quartz and limestone formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, sage, buck, green, black and almond brush. Fair grazing land.

S.89°51'E., on a random line bet. secs. 24 and 25.

chains	
40.00	Set temp. ¼ sec. cor.
79.85	Intersect E. bdy. of the tp. 12 lks. S. of the cor. of secs. 19,24,25 and 30 described in the field notes of the survey of T.39 S.,R.19 W.
	Thence
	N.89°56'W., on true line bet. secs. 24 and 25.
	Ascend over mountainous land through dense timber and undergrowth.
35.85	Ridge, bears NW. and SE., 525 ft. above sec. cor.; descend.
39.92½	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S 24 / S 25 1921
	from which
	A pinon, 6 ins.diam., bears S.23°E., 76 lks. dist.,marked ¼ S 25 B T
	A pinon, 8 ins.diam.,bears N.68½°W., 251 lks. dist.,marked ¼ S 24 B T
	Cor. stands 100 ft. below ridge, continue descent.
79.85	The cor. of secs. 23,24,25 and 26, 450 ft. below ¼ sec. cor.
	Land, mountainous; general S. drainage SE.
	Soil, shallow brown loam and rocky of quartz and granite formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, manzanita, green buck, almond and sagebrush. Fair grazing land.

	West, on true line bet. secs. 23 and 26.
	Gradually descend over mountainous land through dense timber and undergrowth.
39.65	Point for ¼ sec. cor. will fall on ground where cor. cannot be perpetuated, therefore, at this point,

chains

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and mound of stone for witness cor. to the ¼ sec. cor., with brass cap marked

S 23
WC¼
S 26
1921

from which

A pinon, 8 ins.diam.,bears S.3½°W., 91 lks. dist., marked W C ¼ S 26 B T

A cedar, 8 ins. diam.,bears N.71°E., 99 lks. dist.,marked W C ¼ S 23 B T

40.00 True point for ¼ sec. cor. falls on precipitous slope. no cor. set.

40.15 Intersect Utah- Nevada State Boundary line S.0°06'E., 126.42 chs. distant from the 272 + 40 mile cor.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in a large mound of stone for closing cor. of secs. 23 and 26, with brass cap marked

T39S
S23
N CC
S26
R20W
1921

from which

A pinon, 4 ins.diam.,bears N.55½°E., 32 lks. dist.,marked T 39 S R 20 W S 23 C C B T

A pinon, 5 ins.diam.,bears S.51¼°E., 49 lks. dist.,marked T 39 S R 20 W S 26 C C B T

Cor. stands 220 ft. below sec. cor.

Land, mountainous; general SE. drainage.

Soil, shallow brown loam and rocky of granite and quartz formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, manzanita, buck, black, green almond and sagebrush. Fair grazing land.

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

Subdivision of T.39 S., R.20 W.

chains	
	N.0°01'W., bet. secs. 23 and 24.
	Ascend over rough mountainous land through dense timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S23 | S24 1921
	from which
	A pinon, 8 ins. diam., bears N.31¾°E., 45 lks. dist., marked ¼ S 24 B T
	A cedar, 6 ins. diam., bears S.36½°W., 52 lks. dist., marked ¼ S 23 B T
	Cor. stands 200 ft. above sec. cor.; continue ascent.
57.40	Spur, projects W., 300 ft. above ¼ sec. cor.; descend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 13, 14, 23 and 24, with brass cap marked
	T39S | R20W S14 | S13 S23 | S24 1921
	from which
	A cedar, 6 ins. diam., bears N.42°E., 138 lks. dist., marked T 39 S R 20 W S 13 B T
	A pinon, 6 ins. diam., bears S.20½°E., 112 lks. dist., marked T 39 S R 20 W S 24 B T
	A pinon, 3 ins. diam., bears S.73¾°W., 68 lks. dist., marked T 39 S R 20 W S 23 B T
	A cedar, 4 ins. diam., bears N.22¾°W., 140 lks. dist., marked T 39 S R 20 W S 14 B T
	Cor. stands in small draw, drains SW., 40 ft. below spur.
	Land, mountainous; general SW. drainage.
	Soil, shallow loam and rocky of quartz and granite formation; 4th. rate.
	Timber, cedar and pinon.

chains	
	Undergrowth, live oak, manzanita, buck, black, green, almond and sagebrush. Fair grazing land.

	S.89°56'E., on a random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.93	Intersect E. bdy. of the tp. 12 lks. N. of the cor. of secs. 13,18,19 and 24 described in the field notes of the survey of T.39 S., R.19 W.
	Thence
	N.89°51'W., on true line bet. secs. 13 and 24.
	Descend over mountainous land through dense timber and undergrowth.
12.70	Ravine, drains NE., 20 ft. below sec. cor.; ascend.
39.96½	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for ¼ sec. cor., with brass cap marked
	S 13 ¼ S 24 1921
	from which
	A pinon, 6 ins.diam., bears S.19½°W., 35 lks. dist., marked ¼ S 24 B T
	A pinon, 6 ins.diam., bears N.35°W., 67 lks. dist., marked ¼ S 13 B T
	Cor. stands 500 ft. above ravine; continue ascent.
55.50	Ridge, bears N. and S., 200 ft. above ¼ sec. cor.; descend.
79.93	The cor. of secs. 13,14,23 and 24, 500 ft. below ridge.
	Land, mountainous; general drainage, S. and NE.
	Soil, shallow brown loam and rocky of granite and quartz formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, Live oak, manzanita, buck, black, green almond and sagebrush. Fair grazing.

	West, on true line bet. secs. 14 and 23.
	Ascend over mountainous land through medium growth of timber and undergrowth.

chains	
8.20	Spur, projects SW., 150 ft. above sec. cor.; descend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 10 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

S 14

$\frac{1}{4}$

S 23
1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. No suitable bearing trees are available.

40.28 Intersect the Utah- Nevada State Boundary Line, S.0°06'E., 46.25 chs. distant from the 272 -40 mile cor.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and mound of stone for closing cor. of secs. 14 and 23, with brass cap marked

T39S
S14
N ——— CC
S23
R20W

1921

from which

A pinon, 6 ins.diam.,bears N.65°E., 13 lks. dist.,marked T 39 S R20W S 14 C C B T

A pinon, 5 ins.diam.,bears S.10°E., 27 lks. dist.,marked T 39 S R 20 W S 23 C C B T

Cor. stands 360 ft. below spur.

Land, mountainous; general S. drainage.

Soil, gravelly and rocky of quartz and granite formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, manzanita, green, black, buck and sagebrush.

Fair grazing land.

From the cor. of secs. 13,14,23 and 24.

N.0°01'W., bet. secs. 13 and 14.

chains

Ascend over mountainous land through medium growth of timber and dense undergrowth.

19.80 Ridge, bears NW. and SE., 400 ft. above sec. cor.; descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S14 | S13

1921

from which

A pinon, 6 ins.diam., bears S.36°E., 28 lks. dist., marked ¼ S 13 B T

A pinon, 6 ins.diam., bears N.77°W., 56 lks. dist., marked ¼ S 14 B T

Cor. stands 400 ft. below ridge; continue descent.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and mound of stone for cor. of secs. 11,12, 13, and 14, with brass cap marked

T39S S11	R20W S12
S14	S13

1921

from which

A cottonwood, 24 ins.diam., bears N.46½°E., 427 lks.dist., marked T 39 S R 20 W S 12 B T

A cedar, 8 ins.diam., bears S.51¾°E., 289 lks. dist., marked T 39 S R 20 W S 13 B T

A cedar, 8 ins.diam., bears S.76¼°W., 178 lks. dist., marked T 39 S R 20 W S 14 B T

A cedar, 8 ins.diam., bears N.50¼°W., 95 lks. dist., marked T 39 S R 20 W S 11 B T

Cor. stands in draw, drains SE., 450 ft. below ¼ sec. cor.

Land, mountainous; general S. and SE. drainage.

Soil, shallow loam and rocky of granite and quartz formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, manzanita, black, buck, green,

chains	
	almond and sagebrush. Fair grazing land.

	S.89°51'E., on a random line bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
79.69	Intersect E. bdy. of the tp., 30 lks. S. of the cor. of secs. 7,12,13 and 18 described in the field notes of the survey of T.39 S.,R.19 W.
	Thence
	S.89°56'W., on true line bet. secs. 12 and 13.
	Descend over mountainous land through medium growth of timber and dense undergrowth.
4.40	Ravine, drains SE., 120 ft. below sec. cor.; ascend.
22.30	Spur, projects S., 175 ft. above ravine; descend.
39.84½	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	S 12 ¼ —— S 13 1921
	from which
	A cedar, 8 ins.diam.,bears N.48¾°E., 66 lks. dist.,marked ¼ S 12 B T
	A cottonwood, 12 ins.diam.,bears S.33¾°W., 110 lks. dist.,marked ¼ S 13 B T
49.70	Ravine, drains SE., 100 ft. below spur; ascend.
61.50	Spur, projects N., 150 ft. above ravine; descend.
70.40	Elbow in ravine, drains from the NW. to NE., 125 ft. below spur; ascend.
78.00	Spur, projects S.30°E., 50 ft. above ravine; descend.
79.69	The cor. of secs. 11,12,13 and 14, 25 ft. below spur.
	Land, mountainous; general SE. drainage.
	Soil, shallow loam and rocky of granite and quartz formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, manzanita, buck, black, green, almond and sagebrush. Fair grazing land.
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chains	
	West, on true line bet. secs. 11 and 14.
	Ascend over mountainous land through medium growth of timber and dense undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for ¼ sec. cor., with brass cap marked
	S 11 ¼ ——— S 14 1921
	from which
	A cedar, 5 ins.diam., bears N.24°E., 8 lks. dist., marked ¾ S 11 B T
	A cedar, 8 ins.diam., bears S.22½°E., 68 lks. dist., marked ¾ S 14 B T
40.50	Intersect Utah-Nevada State Boundary line, N.0°07'W., 33.56 chs. distant from the 272+40 mile cor.
	At point of intersection,
	Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 18 ins. in a mound of stone for closing cor. of secs. 11 and 14, with brass cap marked
	T39S S11 N ——— CC S14 1921 R20W
	from which
	A cedar, 8 ins.diam., bears N.54¼°E., 57 lks. dist., marked T 39 S R 20 W S 11 C C B T
	A cedar, 8 ins.diam., bears S.75½°E., 73 lks. dist., marked T 39 S R 20 W S 14 C C B T
	Cor. stands 160 ft. above sec. cor.
	Land, mountainous; general SE. drainage.
	Soil, shallow loam and rocky of quartz and granite formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, manzanita, black, buck, green, almond and sagebrush. Fair grazing land.

	From the cor. of secs. 11,12,13 and 14.

chains	
	N.0° 01'W., bet. secs. 11 and 12.
	Descend over mountainous land through medium growth of timber and dense undergrowth.
3.85	Ravine, drains S.70°E., 75 ft. below sec. cor.; ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins.in the ground for ¼ sec. cor., with brass cap marked

¼

S11 | S12

1921

from which

A cedar, 6 ins.diam.,bears N.71½°E., 102 lks. dist.,marked ¼ S 12 B T

A cedar, 6 ins.diam.,bears N.66½°W., 108 lks. dist.,marked ¼ S 11 B T

Cor. stands 150 ft. above ravine; continue ascent.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground and mound of stone for cor. of secs. 1,2, 11 and 12, with brass cap marked

T39S S2	R20W S1
S11	S12

1921

from which

A cedar, 8 ins.diam.,bears N.20°E., 138 lks. dist.,marked T 39 S R 20 W S 1 B T

A cedar, 4 ins.diam.,bears S.87¾°E., 212 lks. dist.,marked T 39 S R 20 W S 12 B T

A cedar, 8 ins.diam.,bears S.42½°W., 79 lks. dist.,marked T 39 S R 20 W S 11 B T

A cedar, 3 ins.diam.,bears N.63½°W., 36 lks. dist., marked B T

Cor. stands 200 ft. above ¼ sec. cor.

Land, mountainous; general SE. drainage.

Soil, brown loam and rocky of granite and quartz formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, manzanita, buck, black, green, almond and sagebrush. Fair grazing land.

chains	
	N.89°56'E., on a random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.82	Intersect E. bdy. of the tp., 39 lks. N. of the true cor. point of secs. 1,6,7 and 12 on the E. bdy. of the tp., described in the field notes of the survey of T.39 S., R.19 W.
	Thence
	N.89°47'W., on true line bet. secs. 1 and 12.
	Descend over mountainous land through medium growth of timber and dense undergrowth.
9.30	Beaver Dam Wash, small stream of water in same, course SE., 50 ft. below sec. cor.; ascend.
39.91	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for ¼ sec. cor., with brass cap marked ¼ S 1 / S 12 1921 from which A pinon, 6 ins.diam.,bears N.44°E., 82 lks. dist.,marked ¼ S 1 B T A pinon, 16 ins.diam.,bears S.6°E., 98 lks. dist.,marked ¼ S 12 B T
	Cor. stands 375 ft. above Beaver Dam Wash; continue ascent.
79.82	The cor. of secs. 1,2,11 and 12, 450 ft. above ¼ sec. cor.
	Land, mountainous; general SE. drainage.
	Soil, brown loam and rocky of quartz and limestone formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, manzanita, black, buck, green, almond and sagebrush. Fair grazing land.

	West, on true line bet. secs. 2 and 11.
	Ascend over mountainous land through medium growth of timber and dense undergrowth.
20.40	High point on ridge, bears NW. and NE., 230 ft. above sec. cor., descend.

chains

28.10 Ravine, drains S. 35 ft. below ridge; ascend.

34.10 Ridge, bears NE. and SW., 75 ft. above ravine; descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 10 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

S 2
¼ ——
S 11
1921

40.41 Intersect Utah- Nevada State Boundary Line, N.2°31'W., 2.03 chs., distant from the 271st. mile cor.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for closing cor. of secs. 2 and 11, with brass cap marked

T39S
S2
N —— CC
S11
R20W
1921

from which

A cedar, 8 ins.diam.,bears S 57½°E., 69 lks. dist.,marked T 39 S R 20 W S 11 C C B T

A cedar, 6 ins.diam., bears N.2°E., 142 lks. dist.,marked T 39 S R 20 W S 2 C C B T

Cor. stands below ridge.

Land, mountainous; general SE. drainage.

Soil, brown loam and rocky of granite and limestone formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, manzanita, buck, black, greem, almond and sagebrush. Fair grazing land.

N.0°01'W., on a random line bet. secs. 1 and 2.

40.00 Set temp. ¼ sec. cor.

73.79 Intersect N. bdy. of the tp. 2 lks. W. of the cor. of secs. 1 and 2.

Thence

South, on true line bet. secs. 1 and 2.

chains	
	Descend over mountainous land through medium growth of timber and dense undergrowth.
4.40	Ravine, drains SE., 120 ft. below sec. cor.; ascend.
16.00	Spur, projects SE., 30 ft. above ravine; descend.
20.40	Ravine, drains SE., 100 ft. below spur; ascend.
33.79	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

¼

S2 | S1

1921

from which

A pinon, 4 ins.diam.,bears N.40¼°E., 12 lks. dist.,marked ¼ S 1 B T

A pinon, 6 ins.diam.,bears S.46½°W., 28 lks. dist.,marked ¼ S 2 B T

	Cor. stands 200 ft. above canyon; continue ascent.
69.50	Ridge, bears E. and W., 350 ft. above ¼ sec. cor.; descend.
73.79	The cor. of secs. 1,2,11 and 12, 75 ft. below ridge.

Land, mountainous; general SE. drainage.

Soil, brown loam and rocky of quartz and granite formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, manzanita, buck, black, green and sagebrush. Fair grazing land.

ESTABLISHMENT OF ¼ SEC. CORS. ON UTAH-NEVADA BOUNDARY.

From the closing cor. of Tps. 39 and 40 S., R. 20 W. on the Utah-Nevada State Boundary line which is an iron post, 3 ins. in dia., established by me and described in the field notes of the survey of T.40 S., R.20 W.

N.0°06'W., along W. bdy. sec. 35, T.39 S.,R.20 W.

chains	
40.07	Point midway bet. the closing cor. of Tps. 39 and 40 S., R.20 W. and the closing cor. of secs. 26 and 35, T.39 S.,R.20 W.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for ¼ sec. cor. W. bdy. sec. 35, with brass cap marked
	¼ S35
	1921
	from which
	A cedar, 5 ins. diam.,bears N.43½°E., 19 lks. dist.,marked ¼ S 35 B T
	No other trees available.
	Raise a mound of stone, 2 ft.base, 1½ ft.high, E.of cor.
80.14	The closing cor. of secs. 26 and 35.

	From the closing cor. of secs. 26 and 35.
	N.0°06'W., along W. bdy. of sec. 26.
39.95½	Point midway bet. the closing cor. of secs. 26 and 35 and the closing cor. of secs. 23 and 26, T.39 S.,R.20W.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for ¼ sec. cor. W. bdy. sec. 26, with brass cap marked
	¼ S26
	1921
	from which
	A cedar, 14 ins.diam.,bears S.18½°E., 17 lks, dist.,marked ¼ S 26 B T
	A cedar, 6 ins.diam.,bears N.51½°E., 90 lks. dist.,marked ¼ S 26 B T
79.91	The closing cor. of secs. 23 and 26.

	From the closing cor. of secs. 23 and 26.
	N.0°06'W., along W. bdy. of sec. 23.
40.08½	Point midway bet. the closing cor. of secs. 23 and 26 and the closing cor. of secs.14 and 23, T.39 S.,R.20 W.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in

Establishment of ¼ sec. cors. Utah-Nevada Boundary.

chains	
	the ground for ¼ sec. cor. W. bdy. sec. 23, with brass cap marked
	¼ S23
	1921.
	from which
	A cedar, 14 ins.diam.,bears S.57¾°E., 57 lks. dist.,marked ¼ S 23 B T
	A pinon, 8 ins.diam.,bears N.54¾°E., 33 lks. dist.,marked ¼ S 23 B T.
80.17	The closing cor. of secs. 14 and 23.

	From the closing cor. of secs. 14 and 23.
	N.0°06'W., along W. bdy. of sec. 14.
39.90½	Point midway bet. the closing cor. of secs. 14 and 23 and the closing cor. of secs. 11 and 14, T.39 S.,R.20W. Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and mound of stone for ¼ sec. cor. W. bdy. sec. 14, with brass cap marked
	¼ S14
	1921
	from which
	A cedar, 6 ins.diam.,bears N.33½°E., 190 lks. dist., marked ¼ S 14 B T
	A cedar, 6 ins. diam.,bears S.52½°E., 103 lks. dist.,marked ¼ S 14 B T
46.25	The 272 -40 mile cor. on the Utah-Nevada State Boundary.
	Thence
	N.0°07'W., with continuous measurement.
79.81	The closing cor. of secs. 11 and 14.

	From the closing cor. of secs. 11 and 14.
	N.0°07'W., along W. bdy. sec. 11.
40.14	Point midway bet. the closing cor. of secs. 11 and 14 and the closing cor. of secs. 2 and 11, T.39 S., R.20 W. Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 16 ins. in a mound of stone for ¼ sec. cor. W. bdy. sec. 11, with brass cap

chains	
	marked
	¼ S11
	1921
	from which
	A pinon, 16 ins. diam., bears N.57°E., 167 lks. dist., marked ¼ S 11 B T
	A pinon, 8 ins. diam., bears S.81½°E., 240 lks. dist., marked ¼ S 11 B T
78.25	The 271st. mile cor. on the Utah- Nevada State Boundary.
	Thence
	N.2° 31'W., with continuous measurement.
80.28	The closing cor. of secs. 2 and 11.

	From the closing cor. of secs. 2 and 11.
	N.2° 31'W., along W. bdy. of sec. 2.
40.04	Northing of 40.00 chs. from the closing cor. of secs. 2 and 11.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for ¼ sec. cor., W. bdy. sec. 2, with brass cap marked
	¼ S2
	1921
	from which
	A cedar, 3 ins. diam., bears N.80°E. 249 lks. dist., marked B T
	A cedar, 7 ins. diam., bears S.72¾°E., 103 lks. dist., marked ¼ S 2 B T
73.74	The closing cor. of Tps. 38 and 39 S., R. 20 W.

Boundaries of T.39 S., R.20 W.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Lines designated	True bearing	Distances	Latitudes N.	Latitudes S	Departures E	Departures W
			chs	chs	chs	chs
W.bdy.T39SR20W..	S.2°31'E..	75.77	.....	75.70	3.33	.....
W.bdy.T39SR20W.	S.0°07'E..	111.81	.....	111.81	.23	.....
W.bdy.T39SR20W.	S.0°06'E..	286.47	.....	286.47	.50	.....
S.bdy.T39SR20W.	East	119.90	.....	.....	119.90	.....
E.bdy.T39SR20W	North	474.15	474.15	.....	.....	.....
N.bdy.T39SR20W	West	123.84	.....	.....	.....	123.84
Convergency			.....	.....	.....	.14
			474.15	473.98	123.96	123.98
			473.98			123.96
	Error in latitude		.17			
			Error in departure			.02

GENERAL DESCRIPTION.

This township consists of rough mountainous land and is covered with a medium growth of cedar and pinon timber and dense live oak, black, buck, green, almond brush, mountain rush, manzanita and sagebrush undergrowth. The soil is chiefly a brown loam of granite, quartz and limestone formation and supports in addition to the timber and undergrowth a fair growth of native grass which affords fair feed for grazing of sheep or cattle.

The only water in the township is found in Beaver Dam Wash which enters the township in sec. 1 and leaves in sec. 12 and in Bunker Peak Wash which enters inm sec. 26 and leaves in sec. 36. It is apparent that the water in these washes does not flow the entire year.

There are no settlers living in this township.

No indications of mineral were found in the township.

This township is best suited for grazing land.

No magnetic declination was taken on account of a defective needle.

BOOK A-454

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Frank Romney	1 st. chainman
Melvin H. Lewis	2 nd. chainman
Robert C. Yundt	Cornerman
Verdin John	Flagman
Stuart A McNabb	axman

6—2764

CERTIFICATE OF UNITED ~~STATES SURVEYOR~~ CADASTRAL ENGINEER.

I, Howard W. Miller, U.S. Cadastral Engineer, hereby certify upon hon[illegible] that, according to records in his original field tablets

~~x~~, James C. O'Brien, U. S. Surveyor, ~~[illegible]~~ deceased, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 17th day of January, 1921, ~~x~~ has have well, faithfully, and truly in ~~my~~ his 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-Nevada State Boundary Line bet. the 270th. and 276 + 34 mile corners; survey of the north boundary and subdivision of T. 39 S., R. 20 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by ~~me~~ him, and under ~~my~~ his 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, compiled by me from the original field tablets of James C. O'Brien, U.S. Surveyor, deceased and date diagram

Howard W. Miller
U. S. Cadastral Engineer U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Nov. 29 1922, ~~1xx~~

The foregoing field notes of the survey of the north boundary and subdivisions Township 39 South, Range 20 West, S. L. B & M. Utah and resurvey of the Utah-Nevada State Boundary line between the 270th and 276th + 34 mile corners

executed by James G. O'Brien, U.S. Surveyor

under his special instructions dated January 17, 1921, ~~1xx~~, having been critically examined, and the necessary corrections and explanations made, the said ~~field notes~~, and the surveys they describe, are hereby approved.

[signature]
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.

6—2764