Volume

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R0455

BOOK A-455

4—679

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U. S. Surveyor General's Office
JAN 15 1923
SALT LAKE CITY, UTAH

FIELD NOTES

RESURVEY
OF THE SURVEY OF THE

WEST BOUNDARY OR HENRY MOUNTAIN GUIDE MERIDIAN; SURVEY OF THE NORTH AND EAST BOUNDARIES AND SUBDIVISION OF T. 28 S., R. 12 E.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

ELLIOT BIRD

AND

ELMER L. SMITH

and U.S. Transitman

In the capacity of U. S. Surveyor, under Special Instructions dated February 3, *1917, issued by the United States Surveyor General to govern surveys included in Group No.* 61, *which were approved by the Commissioner of the General Land Office,* February 17, *191*7, *and Assignment Instructions dated* June 23, *1921* and supplemental assignment instructions dated May 10, 1922.

Survey commenced June 11, *1922.*

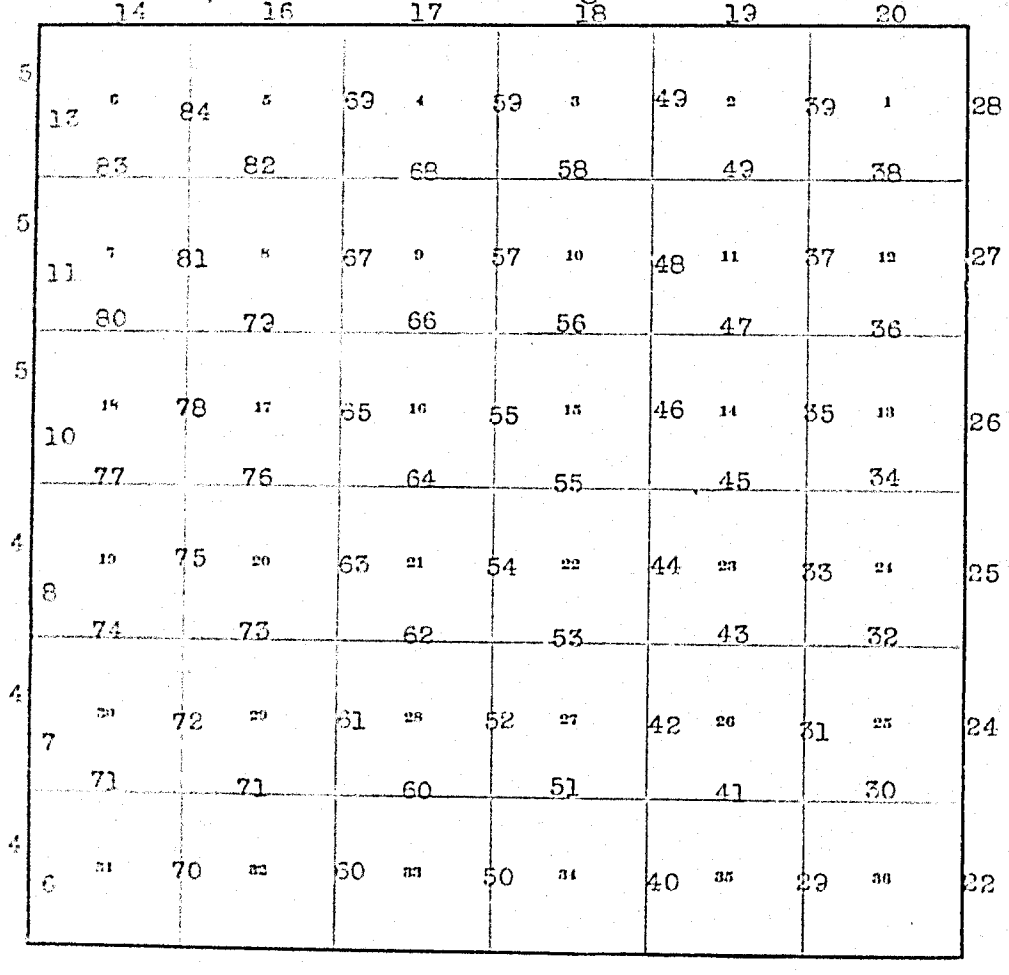
Survey completed June 30, *1922.*

6—121

DOCK 4-455

INDEX DIAGRAM.

Township 28 South, *Range* 12 East



BOOK A-455

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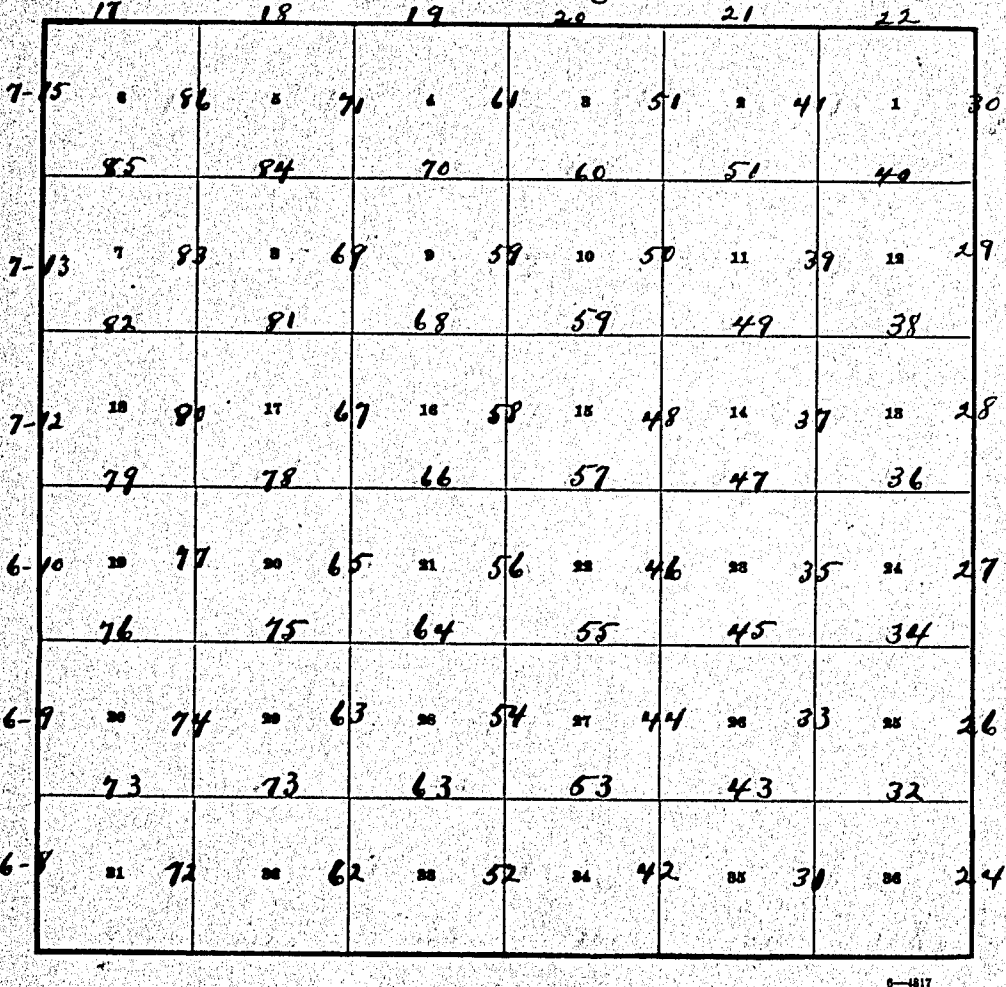
INDEX DIAGRAM.

Township 28 S, Range 12 E



6—1817

T. 28 S., R. 12 E.

DATE DIAGRAM OF T. 28 S., R. 12 E.

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All lines dated and colored in black were surveyed by Elliot Bird, U.S. Surveyor.

All lines dated and colored in red were surveyed by Elmer L. Smith, U.S. Transitman.

Survey commenced June 11, 1922 and executed with Young and Sons light mountain transits Nos. 8531, used by Elliot Bird, and No. 8589, used by Elmer L. Smith. Instruments are equipped with Smith Solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers 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 satisfactory field tests, in assignment instructions dated June 23, 1921, and supplemental assignment instructions dated May 10, 1922.

We examine the adjustments of the instruments and correct the level and collimation errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, we proceed as follows.

With both instruments in the meridian established by observations on Polaris on May 23, 1922, as heretofore described in the notes of T. 29 S., R. 12 E., of this group, on June 11, 1922: At 8h 30m a.m. app. t., we set off 38°23'30" N., on the latitude arcs; 23°4' N., on the declination arcs; and determine a meridian with the solar which we find agrees with the true meridian.

At app. noon; we make a meridian observation of the sun 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 telescopes and observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude	74° 41'
Reduced latitude	38° 23' 30"
Mean watch time of observation	12h 2m p.m.
Watch fast of l. m. t.	0h 2m 44s

At app. noon; with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be 23°5' N., which agrees with the computed declination of the sun.

At 3h 30' p.m. app. t., with the latitude arcs unchanged, we set off 23°6' N., on the declination arcs and determine a meridian with the solar which we find agrees with the true meridian.

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

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian established by observations on Polaris.

At the completion of the survey of this township, we make a final test of the instruments as follows.

June 30, 1922: At 8h 00m a.m. app. t.; with both instruments in the meridian as heretofore described in the notes of T. 29 S., R. 12 E., of this group; we set off 38°23'30" N. on the latitude arcs; 23°13' N., on the declination arcs, and determine a meridian with the solars which we find agrees with the true meridian.

At app. noon; with the latitude arcs unchanged and the instruments in the meridian, we find the readings of the declination arcs to be 23°12' N., which agrees with the computed declination of the sun.

At. 3h 30m p.m. app. t.; with the instruments in the meridian and the latitude arcs unchanged, we set of 23°12' N., on the declination arcs and determine a meridian with the solars which we find agrees with the true meridian.

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

MEASUREMENTS

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes, .5 and 8 chains in length compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements are made on the solpe, the vertical angles determined and the slope measurements properly reduced to true horizontal distances.

Retracement of the Henry Mountain Guide Meridian,

or W., boundary of T. 28 S., R. 12 E.

Chains	
	From the cor. Ts. 28 and 29 S., Rs. 11 and 12 E., which is an iron post, 3 ins. dia., heretofore described in the notes of T. 29 S., R. 12 E., of this group.
	North, on a retracement line bet. secs. 31 and 36.
40.26	Fall 26 lks. W. of the ¼ sec. cor. secs. 31 and 36, hereinafter described.
	The course of this half mile therefore is N. 0°22' E., and the dist. is 40.26 chs. Offset to the ¼ sec. cor. and continue N., with continuous measurement.
80.51	Fall 24 lks. W. of the cor. secs. 25, 30, 31 and 36, hereinafter described.
	The course of this half mile therefore is N. 0°21' E., and the dist. is 40.25 chs.
	North, on a retracement line bet. secs. 25 and 30.
40.25	Intersect the ¼ sec. cor. secs. 25 and 30, hereinafter described.
	The course of this half mile therefore is N., and the dist. is 40.25 chs. Continue N. on same line with continuous measurement.
80.59	Fall 34 lks. W. of the cor. secs. 19, 24, 25 and 30, hereinafter described.
	The course of this half mile therefore is N. 0°29' E., and the dist. is 40.34 chs.
	North, on a retracement line bet. secs. 19 and 24.
40.33	Fall 31 lks. W. of the ¼ sec. cor. secs. 19 and 24, hereinafter described.
	The course of this half mile therefore is N. 0°27' E., and the dist. is 40.33 chs. Offset to the ¼ sec. cor. and continue N., with continuous measurement.
80.52	Fall 11 lks. W. of the cor. secs. 13, 18, 19 and 24, hereinafter described.
	The course of this half mile therefore is N. 0°09' E., and the dist. is 40.19 chs.

Chains	
	North, on a retracement line bet. secs. 13 and 18.
40.25	Fall 14 lks. W. of the ¼ sec. cor. secs. 13 and 18, hereinafter described.
	The course of this half mile therefore is N. 0°12' E., and the dist. is 40.25 chs. Offset to the ¼ sec. cor. and continue N. with continuous measurement.
80.41	Fall 19 lks. W. of the cor. secs. 7, 12, 13 and 18, hereinafter described.
	The course of this half mile therefore is N. 0°16' E., and the dist. is 40.16 chs.
	North, on a retracement line bet. secs. 7 and 12.
40.37	Intersect the ½ sec. cor. secs. 7 and 12, hereinafter described.
	The course of this half mile therefore is N., and the dist. is 40.37 chs. Continue N. on same line with continuous measurement.
80.73	Fall 12 lks. W. of the cor. secs. 1, 6, 7 and 12, hereinafter described.
	The course of this half mile therefore is N. 0°10' E., and the dist. is 40.36 chs.
	North, on a retracement line bet. secs. 1 and 6.
40.17	Fall 5 lks. W. of the ¼ sec. cor. secs. 1 and 6, hereinafter described.
	The course of this half mile therefore is N. 0°04' E., and the dist. is 40.17 chs. Offset to the ¼ sec. cor. and continue N. with continuous measurement.
80.29	Fall 11 lks. W. of the cor. Ts. 27 and 28 S., Rs. 11 and 12 E.
	The course of this half mile therefore is N. 0°09' E., and the dist. is 40.12 chs.

Resurvey of the Henry Mountain Guide Meridian,

or W. boundary of T. 28 S., R. 12 E.

Chains

From the cor. of Ts. 28 and 29 S., Rs. 11 and 12 E.

N. 0°22' E., on a resurvey line along the E. bdy. sec. 36.

Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

2.50 Wash, 40 lks. wide, 4 ft. deep, drains N. 70° E.

16.70 Spur, 20 ft. high, projects N. 60° E.

40.00 On rolling land; northing of 40.00 chs. from the cor. Ts. 28 and 29 S., Rs. 11 and 12 E.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. sec. 31, with brass cap marked.

¼ S31

1922

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

40.26 The ¼ sec. cor. originally for secs. 31 and 36, which is a granite loosely set, 10 x 8 x 4 ins. above ground, marked ¼ on W. face, alongside of which.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. sec. 36, with brass cap marked.

¼ S36

1922

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

Thence,

N. 0°21' E., with continuous measurement.

45.30 Spur, 40 ft. high, projects N. 70° E.

80.00 On rolling land; northing of 40.00 chs. from the ¼ sec. cor. sec. 31.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 30 and 31, with brass cap marked.

T28S | T28S
S30
R11E
S31
S36 | R12E

1922

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

80.51 The cor. originally for secs. 25, 30, 31 and 36, which is a granite, loosely set, 14 x 10 x 3 ins. above a mound of stone, marked 5 notches on N. edge and 1 notch on

Chains	
	S. edge, along side of which.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 25 and 36, with brass cap marked.
	T28S | T28S.
	S25 / S36 | R12E.
	R11E S30
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering rhodrcele and black brush.
	No timber.
	Fair grazing.
	North, on a resurvey line along the E. bdy. sec. 25.
	Descend gradually over rolling land through scattering undergrowth of rhodrcele and black brush.
24.50	Junction of two washes, 40 lks. wide, 10 ft. deep, one from S. 10° E. and one from SW., thence, NE.
30.00	Spur, 60 ft. high, projects E.
32.49	Near bottom of draw; northing of 40.00 chs. from the cor. secs. 30 and 31.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. sec. 30, with brass cap marked.
	¼ S30 |
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
32.60	Draw, 45 ft. deep, drains E.
40.25	The ¼ sec. cor. originally for secs. 25 and 30, which is a ¼ chiseled on smooth sandstone surface rock, over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor. sec. 25, with brass cap marked.
	¼ S25 |
	1922

Chains

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

Thence,

N. 0°23' E., with continuous measurement.

41.80 Spur, 30 ft. high, projects S. 80° E.

53.20 Draw, 25 ft. deep, drains S. 80° E.

72.80 Spur, 40 ft. high, projects E.

73.49 On gentle E. slope; northing of 40.00 chs. from the ¼ sec. cor. sec. 30.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 19 and 30, with brass cap marked.

T28S T28S
S19
R11E
S30
S25 R12E
1922

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

80.59 The cor. originally for secs. 19, 24, 25 and 30, which is a sandstone, loosely set in a mound of stone, size, 16 x 7 x 6 ins., marked with 4 grooves on N. face and 2 grooves on S. face, alongside of which.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bedrock and in a mound of stone, for cor. secs. 24 and 25, with brass cap marked.

T28S T28S
S24
R12E
S25
R11E S19
1922

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

Land, rolling with a general northeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

N. 0°23' E., on a resurvey line along the E. bdy. sec. 24.

Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.

Chains	
38.90	Near top of spur; northing of 40,00 chs. from the cor. secs. 19 and 30.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. sec. 19, with brass cap marked.
	¼ S19
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
40.33	The ¼ sec. cor. originally for secs. 19 and 24, which is a granite, 14 x 10 x 6 ins. above ground, loosely set, marked ¼ on W. face, alongside of which.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. sec. 24, with brass cap marked.
	¼ S24
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Thence,
	N. 0°09' E., with continuous measurement.
40.60	Spur, 10 ft. high, projects NE.
51.20	Ridge, 40 ft. high, bears N. 70° E. and S. 70° W.
66.40	Bottom of swale, 40 ft. deep, drains S. 70° E.
77.00	Ridge, 60 ft. high, bears N. 70° E. and S. 70° W.
78.90	On gentle N. slope, 20 ft. below ridge; northing of 40.00 chs. from the ¼ sec. cor. sec. 19.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 18 and 19, with brass cap marked.
	T28S T28S S18 R11E S19 S24 R12E 1922
	Dig pits, 18 x 18 x 12 ins., NE. and SE. of post, 3 ft. dist.
80.52	The cor. originally for secs. 13, 18, 19 and 24, which is granite, 10 x 10 x 10 ins. above ground, firmly set, marked with 3 notches on N. edge and 3 notches on S. edge, alongside of which.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the

ground, for cor. secs. 13 and 24, with brass cap marked.

T28S T28S
S13
R12E
S24
R11E S18
1922

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

Land, rolling with a general northeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

N. 0°12' E., on a resurvey line along the E. bdy. sec. 13.

Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

1.50 Draw, 20 ft. deep, drains N. 60° E.

21.00 Ridge, 60 ft. high, bears E. and W.

38.38 On smooth sandstone surfacerock; northing of 40.00 chs. from the cor. secs. 18 and 19, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor. sec. 18, with brass cap marked.

¼ S18
1922

40.25 The ¼ sec. cor. originally for secs. 13 and 18, which is a granite, 12 x 12 x 10 ins. above ground, firmly set, marked ¼ on W. face, alongside of which.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. sec. 13, with brass cap marked.

¼ S13
1922

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

Thence,

N. 0°16' E., with continuous measurement.

Chains	
56.60	Spur, 25 ft. high, projects N. 70° E.
56.80	Old road, bears N. 70° E. to the Dirty Devil River and S. 70° W. to Hanksville, Ut.
78.38	On rolling land; northing of 40.00 chs. from the ¼ sec. cor. sec. 18.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 7 and 18, with brass cap marked.
	T28S | T28S S7 R11E —— S18 S13 R12E 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
80.41	The cor. originally for secs. 7, 12, 13 and 18, which is trachyte, 12 x 12 x 10 ins. above ground, firmly set, marked with 2 notches on N. edge and 4 notches on S. edge, alongside of which.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 12 and 13, with brass cap marked.
	T28S T28S S12 ——R12E S13 R11E S7 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	North, on a resurvey line along the E. bdy. sec. 12.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
8.00	Draw, 40 ft. deep, drains N. 30° E.
17.40	Spur, 40 ft. high, projects N. 30° E.
24.20	Sandstone gulch, 120 ft. deep, drains NE.
37.97	On gentle SE. slope; northing of 40.00 chs. from the cor. secs. 7 and 18.

Resurvey of the Henry Mountain Guide Meridian,

or W. boundary of T. 28 S., R. 12 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. sec. 7, with brass cap marked.
	¼ S7 |
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor
40.00	Spur, 120 ft. high, projects N. 20° E.
40.37	The ¼ sec. cor. originally for secs. 7 and 12, which is a granite, 14 x 10 x 8 ins. above ground, firmly set, marked ¼ on W. face, alongside of which.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. sec. 12, with brass cap marked.
	¼ S12 |
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor
	Thence,
	N. 0°10' E., with continuous measurement.
46.00	Enter level bottom of the Dirty Devil River Bed, bears N. 80° W. and S. 80° E.
56.40	South bank of the Dirty Devil River, bears NW. and SE.
62.50	Center of the Dirty Devil River, stream of muddy water, 15 ins. deep, drains SE.
67.40	North bank of the Dirty Devil River, bears NW. and SE; ascend gradually.
77.97	In bottom of swale, 20 ft. deep, drains SE.; northing of 40.00 chs. from the ¼ sec. cor. sec. 7.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 6 and 7, with brass cap marked.
	T28S | T28S S6 R11E —— S7 S12 | R12E
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
80.73	The cor. originally for secs. 1, 6, 7 and 12, which is a sandstone, 32, 27, x 14 ins. above ground, firmly set, marked with 1 notch on N. edge and 5 notches on S. edge, alongside of which.

Chains

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 1 and 12, with brass cap marked.

T28S T28S
S1 | R12E
S12 |
R11E S6
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling with a general easterly exposure and drainage.
Soil, deep sandy loam.
Undergrowth, scattering shadscale and black brush.
No timber.
Fair grazing.

N. 0°04' E., on a resurvey line along the E. bdy. sec. 1.
Ascend gradually over broken land through scattering undergrowth of shadscale and black brush.

16.10 Wash, 45 lks. wide, 3 ft. deep, drains S. 15° W.

37.24 On sandstone surfacerock; northing of 40.00 chs. from the cor. of secs. 6 and 7, mark a cross (X) for exact cor. point over which.

Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor., sec. 6, with brass cap marked.

| ¼ S6
1922

40.17 The ¼ sec. cor. originally for secs. 1 and 6, which is a sandstone, 12 x 10 x 3 ins., firmly set in a mound of stone, on sandstone surfacerock, marked ¼ on W. face, alongside of which, over a cross (X).

Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor. sec. 1, with brass cap marked.

¼ S1 |
1922

From this cor., the town of Hanksville, Ut., bears N. 57° W., 4 miles dist.

Chains

Thence,

N. 0°09' E., with continuous measurement.

51.80 Ridge, 50 ft. high, bears NE. and SW.

61.30 Gulch, 80 ft. deep, drains S. 20° W.

72.30 Spur, 105 ft. high, projects SW.

74.20 Gulch, 90 ft. deep, drains S. 60° W.

75.00 Red sandstone ledge, 70 ft. high, bears SW. 150 lks. dist. and NE. 150 lks. dist.

80.29 The cor. of Ts. 27 and 28 S., Rs. 11 and 12 E., which is a sandstone, 28 x 16 x 6 ins. above ground, firmly set, marked with 6 notches on N., E., S. and W. edges, alongside of which.

Set an iron post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for cor. of Ts. 27 and 28 S., Rs. 11 and 12 E., with brass cap marked.

T27S
R11E | R12E
S36	S31
S1	S6
T28S
1922

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

Land, broken with a general southwesterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

Resurvey of the N. bdy. T. 28 S., R. 12 E.

From the temp. cor. of Ts. 27 and 28 S., Rs. 12 and 13 E., hereinafter described.

West, on random line, along the N. bdy. of the township, setting points at intervals of 40.00 chs., and at:

476.87 Intersect the W. bdy. of the township, 5 lks. S. of the cor. of Ts. 27 and 28 S., Rs. 11 and 12 E., heretofore described.

Thence,

Chains	
	From the cor. of Ts. 27 and 28 S., Rs. 11 and 12 E.
	East, on a resurvey line bet. secs. 6 and 31.
	Descend abruptly over broken land through scattering undergrowth of shadscale and black brush.
2.70	Gulch, 70 ft. below cor., drains SW.; ascend abruptly.
4.40	Ridge, 50 ft. above gulch, bears NE. and SW.; descend gradually.
32.70	Draw, 50 ft. below ridge, drains S. 10° W.; ascend abruptly.
35.82	As the true point for the ¼ sec. cor. will fall on steep W. slope of a gulch were a permanent cor. cannot be set, at this point which is 75 lks. W. of the true cor. point, on top of spur, which projects S. 10° W., 60 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for witness cor. to the ¼ sec. cor. secs. 6 and 31, with brass cap marked.
	$\frac{1}{4}\ \frac{S31}{S6}\ WC$
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
36.57	True point for cor. falls on steep W. slope of gulch, no cor. set.
37.20	Gulch, 90 ft. below the witness ¼ sec. cor., drains S. 15° W.
39.57	Fall 8 lks. N. of the original ¼ sec. cor. of secs. 6 and 31, which is a sandstone, 14 x 6 x 6 ins. above ground, firmly set, marked ¼ on N. face. I destroy all marks on cor. that pertain to secs. 31 and 36.
47.70	Ridge, 60 ft. above gulch, bears S. 20° W. and N. 20° E.; descend gradually.
67.00	Draw, 15 ft. below ridge, drains S.; ascend gradually.
73.70	Spur, 60 ft. above draw, projects S. 10° W.; descend abruptly.
74.00	Gulch, 80 ft. below spur, drains S. 5° W.; ascend abruptly.
76.57	On gentle W. slope, 40 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.

Chains

T27S R12E
S31 S32
S6 S5
T28S
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, broken with a general southerly exposure and drainage.
Soil, shallow sandy loam lying on sandstone bedrock.
Undergrowth, scattering shadscale and black brush.
No timber.
Fair grazing.

East, on a resurvey line bet. secs. 5 and 32.
Ascend gradually over broken land through scattering undergrowth of shadscale and black brush.

3.10 Fall 8 lks. N. of the original cor. secs. 5, 6, 31 and 36, which is a gypsum, 12 x 10 x 4 ins. above ground, firmly set, marked with 5 notches on E. edge and 1 notch on W. edge. I destroy all marks on the cor. that pertain to secs. 5, 6, 31 and 32.

5.10 Spur, 50 ft. above sec. cor., projects S. 10° W.; descend gradually.

8.60 Draw, 50 ft. below spur, drains S.; ascend gradually.

40.00 On gentle W. slope, 50 ft. above draw.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.

S32
¼
S5

1922

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

41.50 Spur, 20 ft. above the ¼ sec. cor., projects S.; descend gradually.

43.24 Fall 10 lks. N. of the original ¼ sec. cor. for secs. 5 and 32, which is a gypsum, 16 x 12 x 4 ins. above ground, frimly set, marked ¼ on N. face. I destroy all marks on cor. that pertain to the ¼ sec. cor. secs. 5 and 32.

Chains	
53.70	Draw, 20 ft. below spur, drains SW.; ascend gradually.
63.10	Spur, 30 ft. above draw, projects SW.; descend gradually.
71.00	Gulch, 30 ft. below spur, drains SW.; ascend gradually.
80.00	On top of spur, 30 ft. above gulch, projects SW.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

T27S | R12E
S32 | S33
S5 | S4
T28S
1922

	Raise a mound of stone, 2 ft. base, 1½ ft high, W. of Cor.
	Land, broken with a general southwesterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	East, on a resurvey line bet. secs. 4 and 33.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
3.26	Fall 21 lks. N. of the cor. originally for secs. 4, 5, 32 and 33, which is a gypsum, 16 x 8 x 8 ins. above ground, firmly set, marked with 4 notches on E. edge and 2 notches on W. edge. I destroy all marks on the cor. that pertain to secs. 4, 5, 32 and 33.
3.60	Draw, 50 ft. below the sec. cor., drains SW.; ascend gradually.
8.00	Spur, 50 ft. above gulch, projects SW.; descend gradually.
13.80	Gulch 40 ft. below spur, drains SW., ascend gradually.
17.90	Spur, 70 ft. above gulch, projects SW.; descend abruptly.
21.60	Draw, 100 ft. below spur, drains SW.; ascend gradually.
34.50	Red sandstone ledge, 20 ft. high, bears NE. and SW.
39.50	Ridge, 110 ft. above draw, bears NE. and SW.; descend abruptly.
40.00	On gentle SE. slope of ridge.
	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 S33
S4
1922

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

Resurvey of the N. bdy. of T. 28 S., R. 12 E.

Chains	
45.60	Draw, 110 ft. below ridge, drains SW.; ascend abruptly.
45.70	Fall 34 lks. N. of the original ¼ sec. cor. of secs. 4 and 33, which is a sandstone, 14 x 15 x 8 ins. above ground, firmly set, marked ¼ on N. face. I destroy all marks on cor. that pertain to the ¼ sec. cor. secs. 4 and 33.
49.50	Red sandstone ridge, 60 ft. above draw, bears NE. and SW; descend gradually.
60.30	Gulch, 40 ft. below ridge, drains SW: ascend abruptly.
70.00	Ridge, 120 ft. above gulch, bears NE. and SW; descend gradually.
80.00	On gentle E. slope of ridge, 40 ft. below top. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 3, 4, 33 and 34, with brass cap marked.

T27S R12E

S33	S34
S4	S3

T28S

1922

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

Land rolling with a general southwesterly exposure and drainage.

Soil, shallow sandy loam lying on sandstone bedrock.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

East, on a resurvey line bet. secs. 3 and 34.

Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

5.70	Find no trace of the original cor. for secs. 3, 4, 33 and 34.
40.00	On rolling land, 50 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.

Chains

S34
¼
S3

1922

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

45.70 Find no trace of the original ¼ sec. cor. for secs. 3 and 34.

80.00 On rolling land, 45 ft. below the ¼ sec. cor.

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

T27S R12E
S34 | S35
S3 | S2
T28S

1922

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

Land, rolling with a general easterly exposure and drainage.

Soil deep sandy loam.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

East, on a resurvey line bet. secs. 2 and 35.

Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

3.65 Fall 50 lks. N. of the original cor. for secs. 2, 3, 34 and 35, which is a sandstone, 12 x 8 x 4 ins. above ground, firmly set, marked with 2 notches on E. edge, and 4 notches on W. edge. I destroy all marks on cor. that pertain to secs. 2, 3, 34 and 35

32.50 Wash, 150 lks. wide, 10 ft. deep, drains S. 10° W.; ascend gradually.

40.00 On rolling land.

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

S35
¼
S2

1922

Chains	
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
43.80	Fall 70 lks. N. of the original ¼ sec. cor. for secs. 2 and 35, which is a sandstone, 10 x 8 x 4 ins., above ground, firmly set. I destroy all marks on cor. that pertain: to the ¼ sec. cor. of secs. 2 and 35.
76.00	Spur, 40 ft. high, projects NE.; descend gradually.
80.00	In bottom of draw, 25 ft. below spur, drains S.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 1, 2, 35 and 36, with brass cap marked.

T27S | R12E
S35 | S36
S2 | S1
T28S
1922

	Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist. from post.
	Land, rolling, with a general southerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

	East, on a resurvey line bet. secs. 1 and 36.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
4.08	Fall 85 lks. N. of the original cor. of secs. 1, 2, 35 and 36, which is a sandstone, 12 x 6 x 4 ins. above ground, firmly set, marked with 1 notches on E. edge and 5 notches on W. edges I destroy all marks on cor. that pertains to secs. 1, 2, 35 and 36.
40.00	On gentle W. slope, 45 ft. above sec. cor.

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

¼ S36 / S1 1922

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

44.20 Fall 90 lks. N. of the original ¼ sec. cor. for secs. 1 and 36, which is a sandstone, 12 x 10 x 8 ins. above ground, firmly set, marked ¼ on N. face. I destroy all marks on cor. that pertain to the ¼ sec. cor. of secs. 1 and 36.

56.00 Rolling top of ridge, bears NE. and SW., 45 ft. high; descend gradually.

80.00 The cor. of Ts. 27 and 28 S., Rs. 12 and 13 E., hereinafter described.

From this cor. the original cor. of Ts. 27 and 28 S., Rs. 12 and 13 E., which is a sandstone, 16 x 12 x 4 ins. above ground, firmly set, marked 6 notches on N., E., S. and W. edges, bears S. 75°45' E., 4.30 chs. dist.

I destroy this cor.

Land, rolling with a general southerly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale.

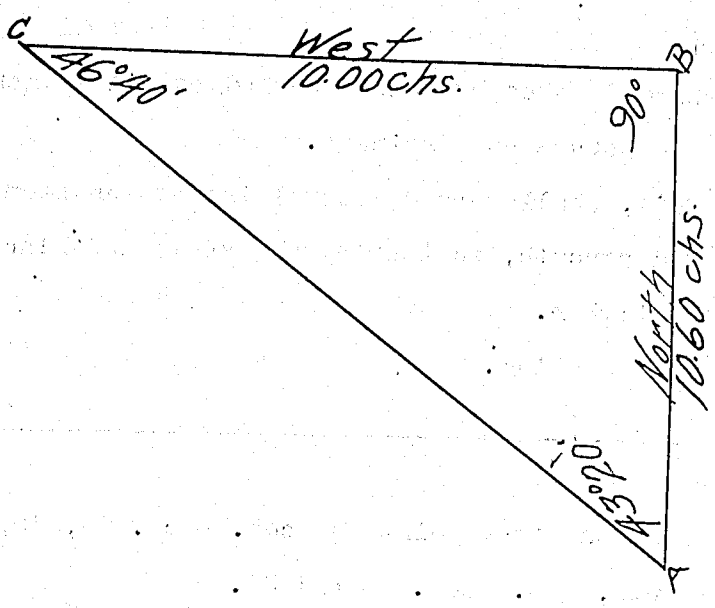
No timber.

Fair grazing.

Chains	
	From the cor. of Ts. 28 and 29 S., Rs. 12 and 13 E., which is an iron post, heretofore described in the notes pertaining to the survey of T. 29 S., R. 12 E.; of this group.
	North, bet. secs. 31 and 36.
	Descend abruptly over broken land through scattering undergrowth of shadscale and black brush.
.30	Gulch, 20 ft. below cor., drains N. 80° E.; ascend abruptly.
1.80	Spur, 50 ft. above gulch, projects N. 80° E.; descend gradually.
2.40	Draw, 10 ft. below spur, drains N. 80° E.; ascend gradually.
14.10	Ridge, 60 ft. above draw, bears E. and W.; descend gradually.
40.00	On gentle N. slope, 75 ft. below ridge, on sandstone surfacerock, mark a cross (X) for exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S36 | S31 1922
44.40	Top of the S. breaks of the Dirty Devil River, bears E. and W. Inaccessible sandstone ledges make chaining to the N. of this point impracticable, I therefore determine the dist. to the N. side of the river by triangulation as follows.
	Erect flag "A" at the 44.40 chs. point and flag "B" on line N., across the river. From flag "B", run a base line, W., 10.00 chs. dist. and erect flag "C". From flag "C", flag "A" subtends an angle of 46°40'. All bearings checked by direct reading of the solar and all angles checked by deflection.

Survey of the E. bdy. of T. 28 S., R. 12 E.

Chains



Dist. on line 44.40 chs.
Dist. by triangulation 10.60 chs.
55.00 chs.

Approximate topography bet. points of triangulation.

52.00 Center of the Dirty Devil River, stream of muddy water, 18 ins. deep and 6.00 chs. wide, flows E., about 15.00 chs. dist., thence S. 20° E.

55.00 To point of triangulation on N. bank of the Dirty Devil River, 560 ft. below ridge, bears E. and W.; ascend gradually over sandstone surfacerock with a general southerly exposure.

80.00 Point for cor. falls on sandstone surfacerock where a permanent cor. cannot be set. Therefore, S. 89°54' W., 1.60 chs. dist. from this point, at base of sandstone ledge, 50 ft. high, bears N. and S.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for witness cor. to the cor. secs. 25, 30, 31 and 36, with brass cap marked.

T28S
R12E | R13E
S25 | S30
WC
S36 | S31

1922

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

Survey of the E. bdy. of T. 28 S., R. 12 E.

Chains

Land, broken by sandstone ledges with a general easterly exposure and drainage.

Soil, shallow sandy loam lying on sandstone bedrock.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

From the true point for cor. secs. 25, 30, 31 and 36.

North, bet. secs. 25 and 30.

Over smooth sandstone surfacerock with a general southerly exposure.

13.50 Leave smooth sandstone surfacerock at E. bank of the Dirty Devil River, bears N. 20° E. and S. 20° W., thence across river.

15.00 Center of the Dirty Devil River, stream of muddy water, 18 ins. deep, flows S. 20° W., 41.00 chs. dist., thence E.

16.50 The W. bank of the Dirty Devil River, bears N. 20° W. and S. 20° E.; ascend gradually over broken land with a general northeasterly exposure.

30.00 Spur, 60 ft. above river, projects E., 5.00 chs. dist.; descend abruptly into river.

33.50 The Dirty Devil River, stream of muddy water, 6.00 chs. wide, 18 ins. deep, drains E., 10 chs. dist. thence, S. 20° W.

40.00 On E. side of the Dirty Devil River Bed.

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

$\frac{1}{4}$

S25 | S30

1922

Survey of The E. bdy. T. 28 S., R. 12 E.

Chains	
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
	Thence, ascend abruptly over series of broken sandstone ledges.
80.00	Falls on sandstone surfacerock where a permanent cor. cannot be set.
85.14	On sandstone surfacerock, 320 ft. above river, mark a cross (X) for exact cor. point over which.
	Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for witness cor. to the cor. secs. 13, 24, 25 and 30, with brass cap marked.

T28S
R12E | R13E
S24 | S19
S25 | S30
WC
1922

Land, broken by sandstone ledges with a general easterly exposure and drainage.

Soil, shallow sandy loam lying on sandstone bedrock.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

North, bet. secs. 13 and 24, counting dist. from true cor. point.

Ascend gradually over sandstone surfacerock.

5.14	The witness cor. to the cor. secs. 13, 24, 25 and 30.
24.40	Top of sandstone butte, 250 ft. above true point for sec. cor.; descend abruptly.
33.70	Sandstone gulch, 400 ft. below top of butte, drains W.; ascend abruptly.
40.00	On smooth sandstone surfacerock, 10 ft. above gulch, mark a cross (X) for exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

S24 | S19
1922

Chains	
53.50	White sandstone spur, 150 ft. above the ½ sec. cor., it projects SW.; descend gradually.
74.00	Sandstone gulch, 100 ft. below spur, drains SW.; ascend abruptly.
80.00	On gentle S. slope, 120 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked.

T28S
R12E | R13E
S13 | S18
S24 | S19

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, broken with a general southerly exposure and drainage.
Soil, shallow sandy loam lying on sandstone bedrock.
Undergrowth, scattering shadscale and black brush.
No timber.
Fair grazing.

	North, bet. secs. 13 and 18.
	Ascend abruptly over broken land through scattering undergrowth of shadscale and black brush.
2.00	Enter rolling top of bench, 45 ft. above cor., bears NE. and SW.
16.00	Leave rolling top of bench, bears NE. and SW.; descend abruptly over broken land.
21.60	Gulch, 120 ft. below bench, drains SW.; ascend abruptly.
25.00	Top of ascent from gulch, 120 ft. above bottom, bears NE. and SW.; thence over rolling land.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼
S13 | S18

1922

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

Chains	
45.00	Top of abrupt descent into gulch, bears NE. and SW.
63.00	Gulch, 150 ft. below top of descent, drains SW.; ascend abruptly.
75.00	Top of ascent from gulch, 150 ft. above bottom, bears NE. and SW.; thence over rolling land.
80.00	On rolling land.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 7, 12, 13 and 18, with brass cap marked.

T28S
R12E | R13E
S12 | S7
S13 | S18

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, broken, with a general southwesterly exposure and drainage.
Soil, shallow sandy loam lying on sandstone bedrock.
Undergrowth, scattering shadscale and black brush.
No timber.
Fair grazing.

North., bet. secs. 7 and 12.
Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.

38.00	Sandstone gulch, 150 lks. wide, 80 ft. deep, drains S. 70° W.
40.00	On N. side of gulch, on sandstone surfacerock, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S12 | S7

1922

70.00	Sandstone gulch, 200 lks. wide, 100 ft. deep, drains S. 80° W.
80.00	On sandstone surfacerock, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for cor. secs. 1, 6, 7 and 12, with brass cap marked.

Survey of The E. Bdy. of T. 28 S., R. 12 E.

Chains	
	T28S R12E | R13E S1 | S6 S12 | S7 1922
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone surfacerock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	North, on a resurvey line bet. secs. 1 and 6.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
3.80	Wash, 70 lks. wide, 10 ft. deep, drains SW.
26.30	Wash, 20 lks. wide, 6 ft. deep, drains SW.
37.10	Gulch, 75 ft. deep, drains SW.
40.00	On rolling land, 75 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S1 | S6 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
50.00	Same gulch as last, 60 ft. deep, drains SE.
83.00	Left temp. point for cor. Ts. 27 and 28 S., Rs. 12 and 13 E.
83.05	At a point E. of the cor. Ts. 27 and 28 S., Rs. 11 and 12 E., On gentle E. slope.
	Set an iron post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for cor. of Ts. 27 and 28 S., Rs. 12 and 13 E., with brass cap marked.
	T27S R12E | R13E S36 | S31 S1 | S6 T28S 1922

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

Subdivision of T. 28 S., R. 12 E.

of secs. 1, 2, 35 and 36

From the cor. on the S. bdy. of the township, which is an iron post, heretofore described in the notes of the survey of T. 29 S., R. 12 E.

N. 0°01' W., bet. secs. 35 and 36.

Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

16.30 Wash, 3.00 chs. wide, 20 ft. deep, drains SW.; ascend gradually.

40.00 On top of ridge, 145 ft. above sec. cor., bears N. 80° W. and S. 80° E.

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

¼

S35 | S36

1922

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

66.00 Draw, 15 ft. below ridge, drains NE.; ascend gradually.

73.00 Spur, 40 ft. above draw, projects NE.; descend gradually.

80.00 On gentle NW. slope, 25 ft. below top of spur.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 25, 26, 35 and 36, with brass cap marked.

Chains	
	T28S | R12E S26 | S25 S35 | S36 1922
	Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist. from post.
	Land, rolling, with a general easterly exposure and drainage
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
78.46	Fall 14 lks. S. of the witness cor. to the cor. secs. 25, 30, 31 and 36.
80.06	Intersect the E. bdy. of the township, 14 lks. S. of the true point for cor. secs. 25, 30, 31 and 36.
	Thence,
	S. 89°54' W., on true line bet. secs. 25 and 36, counting dist. from true cor. point.
	Descend gradually over rolling land.
1.60	The witness cor. to the cor. secs. 25, 30, 31 and 36.
9.00	Center of the Dirty Devil River, stream of muddy water, 6.00 chs. wide, 18 ins. deep, 75 ft. below the true point for cor. secs. 25, 30, 31 and 36, flows S. 20° W.; ascend abruptly.
40.03	On gentle N. slope, 275 ft. above river.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S25 / S36
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
52.50	Spur, 40 ft. above the ¼ sec. cor., projects N.; descend abruptly.

Chains	
55.60.	Draw, 60 ft. below spur, drains N.; ascend abruptly.
60.00	Spur, 50 ft. above draw, projects N.; descend abruptly.
72.70	Draw, 60 ft. below spur, drains N. 20° E.; ascend abruptly.
76.70	Spur, 100 ft. above draw, projects N. 20° E.; descend gradually.
80.06	The cor. secs. 25, 26, 35 and 36, 50 ft. below spur.
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

N. 0°01' W., bet. secs. 25 and 26.

Descend abruptly over broken land through scattering undergrowth of shadscale and black brush.

4.50 Begin abrupt descent into the Dirty Devil River, bears E. and W.

35.00 South bank of the Dirty Devil River, 345 ft. below the sec. cor., bears E. and W. As the point for the ¼ sec. cor. will fall in the river, at this point.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for witness cor. to the ¼ sec. cor. secs. 25 and 26, with brass cap marked.

WC
¼
S26 | S25
1922

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

40.00 Point for the ¼ sec. cor., falls in the Dirty Devil River, which is a stream of muddy water, 18 ins. deep, 16.00 chs. wide, flows S. 80° E.

42.10 Base of series of sandstone ledges, bears E. and W.; thence ascend abruptly over sandstone ledges.

80.00 On sandstone surfacerock, 555 ft. above river; mark a cross (X), over which.

Chains	
	Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for cor. secs. 23, 24, 25 and 26, with brass cap marked.
	T28S | R12E S23 | S24 S26 | S25 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken with a general easterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 89°54' E., on random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect the E. bdy. of the township, 28 lks. N. of the true point for cor. secs. 19, 24, 25 and 30.
	Thence, from true point for cor. secs. 19, 24, 25 and 30.
	N. 89°54' W., on true line bet. secs. 24 and 25.
	Descend abruptly over broken sandstone ledges through scattering undergrowth of shadscale and black brush.
11.00	Level bottom of gulch, 2.00 chs. wide, 150 ft. below true cor point for secs. 19, 24, 25 and 30, drains S.; ascend abruptly.
39.94	On steep E. slope, 340 ft. feet above gulch, on sandstone surfacerock, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S24 S25 1922
42.40	Top of abrupt ascent, 75 ft. above the ¼ sec. cor., bears N. 75° W. and S. 75° E.; thence over rolling land.
56.00	Top of abrupt descent over broken sandstone ledges, bears NW. and SE.

Chains	
73.50	Gulch, 150 ft. below top of abrupt descent, drains S.; ascend abruptly.
79.00	Ascent becomes more gradual, bears N. and S.
79.88	The cor. of secs. 23, 24, 25 and 26, 150 ft. above gulch.
	Land, broken with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°01' W., bet. secs. 23 and 24.
	Ascend gradually over broken sandstone ledges through scattering undergrowth of shadscale and black brush.
15.40	Spur, projects E., 45 ft. above cor.; descend gradually.
27.90	Top of abrupt descent over sandstone rimrock, bears E. and W.
35.00	Draw, 220 ft. below spur, drains E.; ascend abruptly.
40.00	On steep S. slope, 60 ft. above draw, on sandstone surfacerock, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S23 | S24 1922
49.00	Top of abrupt ascent on top of sandstone rimrock, bears E. and W.; ascend gradually.
51.10	Spur, 100 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend abruptly.
66.30	Draw, 590 ft. below spur, drains N. 25° E.; ascend abruptly.
70.50	Spur, 140 ft. above draw, projects N. 75° E.; descend abruptly.
74.00	Draw, 75 ft. below spur, drains E.; ascend gradually.
80.00	On gentle E. slope of sandstone surfacerock, 20 ft. above draw, mark a cross (X), over which.

Chains

Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for cor. secs. 13, 14, 23 and 24, with brass cap marked.

T28S | R12E
S14 | S13

S23 | S24

1922

Land, broken with a general easterly exposure and drainage.
Soil, shallow sandy loam lying on sandstone bedrock.
Undergrowth, scattering shadscale and black brush.
No timber.
Fair grazing.

S. 89°54' E., on random line bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the E. bdy. of the township, 33 lks. S. of the cor. secs. 13, 18, 19 and 24.

Thence,

S. 89°52' W., on true line bet. secs. 13 and 24.

Ascend abruptly over sandstone surfacerock through scattering undergrowth of shadscale and black brush.

2.00 Top of abrupt ascent, 70 ft. above cor., bears NE. and SW.; thence over rolling top of spur.

5.00 Top of spur, 20 ft. above top of abrupt ascent, projects SW.; descend gradually.

8.00 Top of abrupt descent of sandstone rimrock, bears NE. and SW.

31.50 Bottom of rocky gulch, 465 ft. below top of spur, drains S. 10° E.; ascend abruptly over sandstone surfacerock.

37.00 Ascent becomes more gradual, bears N. and S.

40.00 On gentle E. slope, 490 ft. above gulch, on sandstone surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S13

S24

1922

Chains	
51.00	Spur, 125 ft. above the ¼ sec. cor., projects S.; descend abruptly.
63.00	Sandstone ledge, 75 ft. high, bears N. and S.
63.50	Wash, 20 lks. wide, 4 ft. deep, in bottom of rocky gulch, 200 ft. below spur, drains S.; thence over rolling bottom of gulch.
65.60	Leave rolling bottom of gulch, bears N. and S., and ascend abruptly over sandstone surfacerock.
80.00	The cor. secs. 13, 14, 23 and 24, 100 ft. above gulch.
	Land, broken by deep rocky gulches with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

N. 0°01' W., bet. secs. 13 and 14.

Descend gradually over broken sandstone surfacerock through scattering undergrowth of shadscale and black brush.

12.00	Gulch, 25 ft. below cor., drains N. 80° E.; ascend abruptly over sandstone rimrock.
17.10	Top of sandstone rimrock, 200 ft. above gulch, bears NE. and SW.; thence over rolling land.
40.00	In bottom of swale, 35 ft. below rimrock, drains NE.

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

$\frac{1}{4}$

S14 | S13

1922

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

56.80	Wash, 15 lks. wide, 7 ft. deep, drains NE.
71.40	Spur, 15 ft. high, projects SE.
73.40	Wash, 10 lks. wide, 4 ft. deep, drains E.
76.00	Spur, 15 ft. high, projects SE,

Chains	
80.00	On rolling land.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 11, 12, 13 and 14, with brass cap marked.
	T28S, R12E S11 | S12 S14 | S13 1922
	Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist. from post.
	Land, broken by sandstone ledges on S. 17.10 chs,, rolling sand hills remainder of mile with a general southeasterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 89°52' E., on random line bet. secs. 12 and 13.
40.00	Point for the temp. ¼ sec. cor. falls in deep gulch.
47.88	Set temp. witness ¼ sec. cor.
80.16	Intersect the E. bdy. of the township, 21 lks. N. of the cor. secs. 7, 12, 13 and 18.
	Thence,
	N. 89°59' W., on true line bet. secs. 12 and 13.
	Descend gradually over rolling bench land broken by deep rocky gulches, through scattering undergrowth of shadscale and black brush.
32.28	As the true point for the ¼ sec. cor. will fall in deep rocky gulch where a permanent cor. cannot be set, at this point, on E. rim of gulch, bears NE. and SW., 75 ft. below sec. cor., on sandstone surfacerock, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for witness cor. to the ¼ sec. cor. secs. 12 and 13, with brass cap marked.

Chains	
	WC $\frac{1}{4}$ S12 / S13 1922
40.08	Point for the $\frac{1}{4}$ sec. cor. falls in sandstone ledges where a permanent cor. cannot be set:
43.00	Bottom of deep rocky gulch, 250 ft. below the witness $\frac{1}{4}$ sec. cor., drains S. 20° W.; ascend abrupt W. breaks of gulch.
61.50	Top of W. breaks of gulch, 250 ft. above bottom, bears N. and S.; thence over rolling land.
62.70	Spur, 15 ft. high, projects SE.
68.90	Wash, 20 lks. wide, 4 ft. deep, drains S.
75.40	Wash, 15 lks. wide, 2 ft. deep, drains SE.
80.16	The cor. secs. 11, 12, 13 and 14.
	Land, rolling benches broken by deep rocky gulches, with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°01' W., bet. secs. 11 and 12.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
5.60	Spur, 15 ft. high, projects SE.
19.60	Wash, 20 lks. wide, 4 ft. deep, drains E.
29.40	Wash, 20 lks. wide, 3 ft. deep, drains E.
39.20	Wash, 75 lks. wide, 10 ft. deep, drains E.
40.00	On N. bank of wash.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ / S11 | S12 / 1922
	Desposit a sandstone, 8 x 8 x 8 ins., marked cross (X), at base of post. Pits impracticable.

Chains	
45.50	Wash, 20 lks. wide, 12 ft. deep, drains E.
48.00	Spur, 15 ft. high, projects E.
58.20	Wash, 150 lks. wide, 20 ft. deep, drains E.
76.80	Wash, 150 lks. wide, 50 ft. deep, drains E.
80.00	On rolling land.
	Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock and in a mound of stone, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.
	T28S | R12E S2 | S1 S11 | S12 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general easterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

	S. 89°59' E., on random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the E. bdy. of the township, 3 lks. S. of the cor. secs. 1, 6, 7 and 12.
	Thence,
	West, on true line bet. secs. 1 and 12.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
9.80	Wash, 50 lks. wide, 4 ft. deep, drains S. 20° W.
21.50	Wash, 75 lks. wide, 8 ft. deep, drains S. 10° W.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S1 / S12 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W of cor.

Chains	
42.20	Spur, 20 ft. high, projects S. 20° E.
56.10	Wash, 30 lks. wide, 10 ft. deep, drains S. 20° E.
60.70	Spur, 60 ft. high, projects SE.
62.00	Gulch, 4.00 chs. wide, 80 ft. deep, drains S. 55° E.
65.50	Spur, 80 ft. high, projects S. 10° E.
80.00	The cor. secs. 1, 2, 11 and 12.
	Land, rolling with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	North, on random line bet. secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
82.96	Intersect the N. bdy. of the township, 10 lks. E. of the cor. secs. 1, 2, 35 and 36.
	Thence,
	S. 0°04' E., on true line bet. secs. 1 and 2.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
42.96	On rolling land.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S2 | S1 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
69.40	Draw, 10 ft. deep, drains S. 20° W.
76.30	Sandstone ledge, 20 ft. high, bears E. and W.
82.96	The cor. secs. 1, 2, 11 and 12.
	Land, rolling with a general southerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber. Fair grazing.

Chains	
	on the S. bdy. of the Tp
	From the cor. of secs. 2, 3, 34 and 35, which is an iron post, heretofore described in the notes pertaining to the survey of T. 29 S., R. 12 E., of this group.
	N. 0°01' W., bet. secs. 34 and 35.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S34 | S35 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
47.50	Ridge, 40 ft. above sec. cor., bears N. 80° W. and S. 80° E.; descend gradually.
54.00	Draw, 50 ft. below ridge, drains NE.; ascend gradually.
59.00	Spur, 40 ft. above draw, projects NE.; descend gradually.
67.00	Draw, 30 ft. below spur, drains N. 10° E.; ascend gradually.
69.90	Spur, 100 ft. above draw, projects NE; descend gradually.
72.60	Top of the S. breaks of the Dirty Devil River, 40 ft. below spur, bears NW. and SE.; descend abruptly over sandstone ledges.
78.00	Base of the S. breaks of the Dirty Devil River, 100 ft. below top, bears NW. and SE.; thence over rolling land.
80.00	On the S. bank of the Dirty Devil River,
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 26, 27, 34 and 35, with brass cap marked.
	T28S | R12E S27 | S26 S34 | S35 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Chains	
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect the N. and S. line, 5 lks. S. of the cor. secs. 25, 26, 35 and 36.
	Thence,
	S. 89°58' W., on true line bet. secs. 26 and 35.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
23.20	Top of sandstone rimrock which forms the S. breaks of the Dirty Devil River, 45 ft. below the sec. cor., bears NE. and SW.; descend abruptly.
34.50	Draw, 330 ft. below top of S. breaks, drains NE.; ascend gradually.
40.03	On top of sandy spur, 60 ft. above draw, projects N. 60° E. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S26 / ¼ / S35
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
	Thence descend gradually along S. side of the Dirty Devil River Bed.
62.00	Wash, 20 lks. wide, 5 ft. deep, drains NE.
72.00	Wash, 20 lks. wide, 4 ft. deep, drains N.
80.06	The cor. secs. 26, 27, 34 and 35, 45 ft. below spur.
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam.

Chains	
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°01' W., bet. secs. 26 and 27.
	Ascend gradually over rolling bottom of the Dirty Devil River through scattering undergrowth of shadscale and black brush.
.80	South bank of the Dirty Devil River, bears E. and W.
3.00	The Dirty Devil River, stream of muddy water, 18 ins. deep, drains E.
4.50	North bank of river, bears E. and W.; ascend gradually.
7.00	Spur, 45 ft. above river, projects W.; descend gradually.
9.50	South bank of the Dirty Devil River, bears NE. and SW.
13.00	The Dirty Devil River, stream of muddy water, drains SW.
16.60	North bank of river, bears NE. and SW., 75 ft. below spur; ascend gradually over N. breaks of river.
36.50	Draw, 20 ft. deep, drains E.
40.00	On gentle SE. slope, 430 ft. above river.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S27 | S26 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
49.50	Sandstone spur, 340 ft. above the ¼ sec. cor. projects E.; descend abruptly.
52.00	Perpendicular sandstone ledge which forms the S. bank of the Dirty Devil River, 300 ft. high, bears E. and W.
56.00	The Dirty Devil River, stream of muddy water, 18 ins. deep, drains E.
60.00	The N. bank of river, 560 ft. below spur, bears E. and W.; ascend abrupt E. breaks of river.

Chains	
80.00	Point falls on smooth sandstone surfacerock, 350 ft. above the Dirty Devil River, where an iron post cannot be set. I therefore mark on the sandstone surfacerock, X= for the cor. secs. 22, 23, 26 and 27.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. markings.
	Land, broken by the breaks of the Dirty Devil River, with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 89°58' E., on random line bet. secs. 23 and 26.
40.00	Point for the temp. ¼ sec. cor. falls in sandstone ledges.
40.96	Set temp. witness ¼ sec. cor.
79.86	Intersect the N. and S. line, 5 lks. N. of the cor. secs. 23, 24, 25 and 26.
	Thence,
	West, on true line bet. secs. 23 and 26.
	Over broken top of high ledges through scattering undergrowth of shadscale and black brush.
25.40	Top of abrupt descent over sandstone ledges, bears NW. and SE.
38.90	As the true point for the ¼ sec. cor. falls in sandstone ledges were a permanent cor. cannot be set; at this point, on sandstone surfacerock, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for witness cor. to the ¼ sec. cor. secs. 23 and 26, with brass cap marked.
	WC ¼ S23 / S26
	1922.
39.33	Point for the ¼ sec. cor. falls in sandstone ledges; no cor set.

Chains	
42.00	Bottom of deep rocky gulch, 230 ft. below top of abrupt descent, drains S. 20° E.; ascend abruptly.
57.00	Sandstone spur, 120 ft. above gulch, projects S.; descend abruptly.
68.00	Gulch, 120 ft. below spur, drains S.; ascend abruptly.
75.00	Sandstone spur, 100 ft. above gulch, projects S.; descend abruptly.
79.86	The cor. secs. 22, 23, 26 and 27, 50 ft. below spur.
	Land, broken with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°01' W., bet. secs. 22 and 23.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
13.30	Draw, 80 ft. below cor., drains W.; ascend abruptly.
25.00	Sandstone spur, 155 ft. above draw, projects W.; descend.
31.80	Gulch, 175 ft. below spur, drains S. 75° W.; ascend abruptly.
40.00	At head of draw, 300 ft. above gulch, drains SW.
	Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S22 | S23 1922
	Desposit a sandstone, 6 x 6 x 4 ins., marked cross (X), at base of post.
	Thence over rolling bench land.
80.00	In bottom of draw, 15 ft. deep, drains SW.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 14, 15, 22 and 23, with brass cap marked.

Chains	

T28S | R12E
S15 | S14
S22 | S23

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling with a general southwesterly exposure and drainage.
Soil, shallow sandy loam lying on sandstone bedrock.
Undergrowth, scattering shadscale and black brush.
No. timber.
Fair grazing.

East, on random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

73.86 Intersect the N. and S. line, at the cor. secs. 13, 14, 23 and 24.

Thence,

West, on true line bet. secs. 14 and 23.

Ascend abruptly over broken land through scattering undergrowth of shadscale and black brush.

4.00 Top of abrupt ascent on E. point of spur, 180 ft. above cor.; thence ascend gradually along top of spur.

11.00 Leave top of spur and descend gradual NW. slope.

17.00 Draw, drains NE., 75 ft. below spur; ascend abruptly over broken sandstone ledges.

27.00 Top of sandstone rimrock, 130 ft. above draw, bears NE. and SW.; ascend gradually.

39.33 On gentle E. slope, 55 ft. above rimrock.

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

¼ S14 / S23

1922

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

44.00 Ridge, 15 ft. above the ¼ sec. cor., bears N. and S.; descend gradually.

Chains	
55.00	Draw, 200 ft. below ridge, drains S. 75° W.; ascend gradually.
79.86	The cor. secs. 14, 15, 22 and 23, 30 ft. above draw.
	Land, broken with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

N. 0°01' W., bet. secs. 14 and 15.

Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.

24.60	Spur, 40 ft. high, projects N. 60° E.
29.70	Wash, 3.00 chs. wide, 20 ft. deep, drains S. 60° E.
40.00	In bottom of swale, 15 ft. deep, drains S. 60° E.

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

¼

S15 | S14

1922

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

52.10	Ridge, 100 ft. high, bears N. 80° E. and S. 80° W.
61.00	Draw, 10 ft. deep, drains S. 60° W.
63.00	Spur, 40 ft. high, projects S. 70° W.
80.00	On rolling land.

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

T28S, R12E

S10 | S11

S15 | S14

1922

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

Land, rolling with a general southwesterly exposure and drainage.

Chains	
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, at the cor. secs. 11, 12, 13 and 14.
	Thence,
	West, on true line bet. secs. 11 and 14.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
18.60	Ridge, 60 ft. high, bears N. and S.
20.10	East side of gulch, bears N. and S.
28.30	Bottom of gulch, 55 ft. deep, drains SE.
39.98	On W. side of gulch, bears N. and S.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S11/S14 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
41.00	Ridge, 90 ft. high, bears N. and S.
41.50	East rim of gulch, bears NE. and SW.
44.00	Bottom of gulch, 150 ft. deep, drains SW.
55.30	West rim of gulch, bears NE. and SW.
57.00	Spur, 40 ft. high, projects SW.
73.60	Wash, 2.00 chs. wide, 10 ft. deep, drains SW.
75.00	Spur, 45 ft. high, projects SW.
79.96	The cor. secs. 10, 11, 14 and 15.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber. Fair Grazing.

Chains

N. 0°01' W., bet. secs. 10 and 11.

Descend abruptly over rolling land through scattering undergrowth of shadscale and black brush.

5.30 Draw, 100 ft. below cor., drains SW.; ascend gradually.

11.80 Spur, 120 ft. above draw, projects SW.; continue gradual ascent.

40.00 On rolling land, 45 ft. above spur.

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

¼
S10 | S11
1922

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

44.30 Base of red sandstone ledge, 15 ft. above the ¼ sec. cor., bears N. 60° E. and S. 60° W.; ascend abruptly.

50.30 Top of sandstone ledge, 160 ft. above base, bears N. 60° E. and S. 60° W.; continue gradual ascent.

52.00 Ridge, 45 ft. above top of ledge, bears N. 60° E. and S. 60° W.; descend gradually over rolling bench land.

80.00 On rolling bench land, 25 ft. below top of ridge.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 2, 3, 10 and 11.

T28S | R12E
S3 | S2
S10 | S11
1922

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

Land, rolling with a general southwesterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

Chains	
	East, on random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 10 lks. N. of the cor. secs. 1, 2, 11 and 12.
	Thence,
	N. 89°56' W., on true line bet. secs. 2 and 11.
	Ascend gradually over rolling bench land through scattering undergrowth of shadscale and black brush.
22.00	Ridge, 45 ft. high, bears N. and S.; descend gradually.
40.00	On rolling land, 40 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S2 / S11
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
56.00	Swale, 30 ft. below the ¼ sec. cor., drains S.
80.00	The cor. of sections 2, 3, 10 and 11, 60 ft. above swale.
	Land, rolling with a general southerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°04' W., on random line bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
83.10	Intersect the N. bdy. of the township, 14 lks. E. of the cor. secs. 2, 3, 34 and 35.
	Thence, S. 0°10' E., on true line bet. secs. 2 and 3.
	Descend gradually over rolling bench land through scattering undergrowth of shadscale and black brush.
43.10	On rolling land.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.

Chains	
	S3 | S2
	1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
51.00	Swale, 15 ft. deep, drains SE.
63.00	Spur, 20 ft. high; projects E.
76.00	Draw, 10 ft. deep, drains E.
83.10	The cor. secs. 2, 3, 10 and 11.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

From the cor. on the S. bdy. of the township for secs. 3, 4, 33 and 34, which is an iron post, heretofore described in the notes pertaining to the survey of T. 29 S., R. 12 E., of this group,

N. 0°02' W., bet. secs. 33 and 34.

Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

20.00	Swale, 20 ft. below cor., drains NW.; ascend gradually.
35.00	Spur, 10 ft. above swale, projects NW.; descend gradually.
40.00	On rolling land, 15 ft. below spur.
	Set an iron post, 3 ft. long, 1 ins. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S33 | S34
	1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
63.00	Draw, 60 ft. below the ¼ sec. cor., drains NW.; continue gradual descent.
80.00	On rolling land, 30 ft. below draw.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 27, 28, 33 and 34, with brass cap marked.

Chains	
	T28S | R12E S28 | S27 S33 | S34
	1922
	Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist. from post.
	Land, rolling with a general northwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 26, 27, 34 and 35.
	Thence,
	N. 89°59' W., on true line bet. secs. 27 and 34.
	Ascend abruptly over broken sandstone ledges which forms the W. breaks of the Dirty Devil River, through scattering undergrowth of shadscale and black brush.
5.00	Sandstone wash, 150 lks. wide, 100 ft. deep, drains N.
17.00	Spur at top of breaks, 430 ft. above cor., projects N.; descend gradually.
35.00	Draw, 150 ft. below spur, drains NE.; ascend gradually.
39.95	On top of spur, 90 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S27 / S34
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
79.90	The cor. secs. 27, 28, 33 and 34, 495 ft. below the ¼ sec. cor.

Chains

Land, broken with a general northeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

N. 0°02' W., bet. secs. 27 and 28.

Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

20.00 Draw, 40 ft. below cor., drains N. 20° E.; ascend gradually.

40.00 On rolling land, 35 ft. above draw.

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

¼

S28 | S27

1922

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

65.50 Ridge, 115 ft. above the ¼ sec. cor., bears NW. and SE.; descend gradually.

80.00 On rolling land, 40 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.

T28S | R12E
S21 | S22

S28 | S27

1922

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

Land, rolling with a general northeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and black brush.

No timber.

Chains	
	S. 89°59' E., on random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 22, 23, 26 and 27.
	Thence,
	S. 89°55' W., on true line bet. secs. 22 and 27.
	Descend abruptly over broken land through scattering undergrowth of shadscale and black brush.
2.00	Sandstone ledges which form the E. bank of the Dirty Devil River, 50 ft. high, bears N. and S.
4.00	The Dirty Devil River, stream of muddy water, 18 ins. deep, drains S., 65 ft. below sec. cor.
6.00	The W. bank of the Dirty Devil River, bears N. and S.; ascend abrupt W. breaks of river.
19.80	Gulch, 2.00 chs. wide, 20 ft. deep, drains N.; continue abrupt ascent.
35.00	Spur at top of breaks of river, 260 ft. above river, projects N.; descend gradually.
37.50	Draw, 30 ft. below spur, drains N.; ascend gradually.
40.02	On top of spur, 55 ft. above draw, projects N., on sandstone surface rock, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S22 / S27
	1922
42.00	Draw, 10 ft. below the ¼ sec. cor., drains N. 20° E.; ascend gradually.
59.50	Spur, 330 ft. above darw, projects NE.; descend gradually.
80.04	The cor. secs. 21, 22, 27 and 28, 45 ft. below spur.
	Land, broken with a general northerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

Chains	
	N. 0°02' W., bet. secs. 21 and 22.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
22.50	Draw, 45 ft. below cor., drains N. 15° E.; continue gradual descent.
38.30	Top of abrupt descent into the Dirty Devil River, bears SE. and NW.
40.00	On steep NE. slope, 95 ft. below draw.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S21 | S22. 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
43.50	The S. bank of the Dirty Devil River, bears SE. and NW.
46.70	The Dirty Devil River, stream of Muddy Water, 18 ins. deep, drains SE.
50.00	The N. bank of river, bears NW. and SE.; ascend abruptly.
53.00	Top of sandstone rimrock, 45 ft. above river, bears NW. and SE.; continue abrupt ascent.
79.00	Wash, 40 lks. wide, 5 ft. deep, drains S. 60° W.
80.00	On top of spur, 250 ft. above sandstone rimrock.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 15, 16, 21 and 22, with brass cap marked.
	T28S, R12E S16 | S15 S21 | S22 1922
	Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist. from post,
	Land, rolling with a general southeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

Chains	
	N. 89°55' E., on random line bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 12 lks. N. of the cor. secs. 14, 15, 22 and 23.
	Thence,
	West, on true line bet. secs. 15 and 22.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
33.30	Wash, 300 lks. wide, 4 ft. deep, drains S.60° W.
40.00	On top of spur, 45 ft. high, projects SW.; on smooth sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked. S15 ¼ S22 1922
42.50	Enter bottom of draw, 20 ft. deep, drains W.; thence descend gradually along bottom of draw.
77.00	Leave bottom of draw, drains S. 60° W.; ascend gradually.
80.00	The cor. of secs. 15, 16, 21 and 22.
	Land, rolling with a general westerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0-02' W., bet. secs. 15 and 16.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
6.60	Wash, 30 lks. wide, 2 ft. deep, drains W.
25.40	Spur, 20 ft. high, projects SW.
26.00	Wash, 15 lks. wide, 4 ft. deep, drains SW.
40.00	On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a

Chains	
	mound of stone, for ¼ sec. cor., with brass cap marked.
	¼
	S16 | S15
	1922.
67.20	Ridge, 100 ft. high, bears NE. and SW.
72.20	Gulch, 100 ft. deep, drains SW.
80.00	On rolling land.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked.
	T28S | R12E
	S9 | S10
	S16 | S15
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect the N. and S. line, at the cor. secs. 10, 11, 14 and 15.
	Thence,
	West, on true line bet. secs. 10 and 15.
	Descend gradually over broken land through scattering undergrowth of shadscale and black brush.
4.60	Gulch, 80 ft. below cor., drains S. 30° W.; ascend gradually.
34.00	Spur, 60 ft. above gulch, projects S. 30° W.; descend gradually.
35.00	Wash, 150 lks. wide, 75 ft. deep, 85 ft. below spur, drains S. 30° W.; continue gradual descent.
40.05	On rolling land, 45 ft. below wash.

Chains	
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ½ sec. cor., with brass cap marked.
	S10 / ¼ / S15
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
60.00	Ridge, same level as the ¼ sec. cor., bears NE. and SW.; descend gradually.
73.30	Gulch, 100 ft. below ridge, drains S. 30° W.; ascend gradually.
80.10	The cor. of secs. 9, 10, 15 and 16, 45 ft. above gulch.
	Land, broken with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°02' W., bet. secs. 9 and 10.
	Ascend gradually over broken land through scattering undergrowth of shadscale and black brush.
11.30	Enter series of small sandstone ledges, bears NE. and SW.
29.00	Sandstone spur, 40 ft. high, projects S. 60° W.
32.00	Gulch, 40 ft. deep, drains S. 60° W.
36.80	Sandstone spur, 40 ft. high, projects SW.
40.00	On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for ½ sec. cor., with brass cap marked.
	½ / S9 | S10
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
43.30	Sandstone spur, 50 ft. high, projects SW.
44.70	Sandstone wash, 110 lks. wide, 40 ft. deep, drains SW.
69.80	Gulch, 160 ft. deep, drains S. 30° W.

Chains	
80.00	On top of ridge, 180 ft. above gulch. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs, 3, 4, 9 and 10, with brass cap marked. T28S R12E S4 | S3 S9 | S10 1922 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, broken with a general southwesterly exposure and drainage. Soil, shallow sandy loam lying on sandstone bedrock. Undergrowth, scattering shadscale and black brush. No timber. Fair grazing.
	East, on random line bet. secs. 3 and 10.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect the N. and S. line, 16 lks. W. of the cor. of secs. 2, 3, 10 and 11.
	Thence,
	S. 89°53' W., on true line bet. secs. 3 and 10.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
40.09	On gentle E. slope, 110 ft. above sec. cor. Set an iron post, 3 ft. long, 2 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked. S3 ¼ S10 1922 Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
44.30	Ridge, 15 ft. above the ¼ sec. cor., bears N. 20° W. and S. 20° E.; descend gradually.
73.00	Draw, 175 ft. below ridge, drains SW.; ascend gradually.
77.00	Spur, 30 ft. above draw, projects SW.; descend gradually.

Chains	
80.18	The cor. of secs. 3, 4, 9 and 10, 25 ft. below spur.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°10' W., on random line bet. secs. 3 and 4.
40.00	Set temp. ¼ sec. cor.
83.08	Intersect the N. bdy. of the township, 23 lks. W. of the cor. cor. of secs. 3, 4, 33 and 34.
	Thence,
	South, on true line bet. secs. 3 and 4.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
13.00	Top of ridge, 10 ft. above sec. cor., bears NW. and SE.; descend gradually.
21.00	Sandstone ledge, 100 ft. high, bears NE. and SW.
43.08	On gentle S. slope, 150 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S4 | S3 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
58.20	Draw, 45 ft. below the ¼ sec. cor., drains SW.; ascend gradually.
62.70	Spur, 20 ft. above draw, projects SW.; descend gradually.
67.70	Draw, 200 ft. below spur, drains SW.; ascend gradually.
83.08	The cor. secs. 3, 4, 9 and 10, 35 ft. above draw.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam
	Undergrowth, scattering shadscale and black brush.
	No timber. Fair grazing.

Chains	
	From the cor. on the S. bdy. of the township, of secs. 4, 5, 32 and 33, heretofore described in the notes pertaining to the survey of T. 29 S., R. 12 E. of this group.
	N. 0°03' W., bet. secs. 32 and 33.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
20.00	Bottom of swale, 50 ft. below cor., drains E.; ascend gradually.
40.00	On gentle S. slope, 50 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S32 | S33 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
50.00	Ridge, 25 ft. above the ¼ sec. cor., bears NE. and SW.; descend gradually.
80.00	On rolling land, 15 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.
	T28S | R12E S29 | S28 S32 | S33 1922
	Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist. from post,
	Land, rolling with a general northerly exposure and drainage
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.

Chains	
80.02	Intersect the N. and S. line, at the cor. secs. 27, 28, 33 and 34...
	Thence,
	West, on true line bet. secs. 28 and 33.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush..
9.00	Swale, 15 ft. below the sec. cor., drains NE.; ascend gradually.
40.01	On gentle SE. slope, 115 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S28 / S33
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
56.00	Ridge, 50 ft. above the ¼ sec. cor., bears NE. and SW.; descend gradually.
80.02	The cor. of secs. 28, 29, 32 and 33, 65 ft. below ridge.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

	N. 0°03' W., bet. secs. 28 and 29.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
25.00	Spur, 35 ft. above cor., projects W.; descend gradually.
40.00	On gentle NW. slope, 25 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S29 | S28
	1922

Chains	
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
65.00	Draw, 100 ft. below the ½ sec. cor., drains NW.; ascend gradually.
65.50	Spur from SE., 10 ft. above draw; projects N.; thence descend gradually along top of spur.
80.00	On N. point of spur,
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.

T28S | R12E
S20 | S21
S29 | S28

1922

	Dig pits, 18 x 18 x 12 ins., in each sec. 3 ft. dist. from post.
	Land, rolling with a general northwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

	East, on random line bet. secs. 21 and 28.
40.00	Set temp. ½ sec. cor.
80.10	Intersect the N. and S. line, 10 lks. N. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	N. 89°56' W., on true line bet. secs. 21 and 28.
	Descemd gradually over rolling land through scattering undergrowth of shadscale and black brush.
19.60	Draw, 35 ft. below cor., drains N. 15° E.; ascend gradually.
30.00	Spur, 75 ft. above draw, projects N. 15° E.; descend gradually.
40.05	On gentle N. slope, 40 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ½ sec. cor., with brass cap marked.

Chains	
	S21 ¼ S28 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
45.00	Draw, 20 ft. below the ¼ sec. cor., drains N.; ascend gradually.
60.00	Spur, 40 ft. above draw, projects N.; descend gradually.
75.00	Draw, 90 ft. below spur, drains NW.; ascend gradually.
80.10	The cor. of secs. 20, 21, 28 and 29, 25 ft. above draw.
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 20 and 21.
	Descend gradually from N. point of spur through scattering undergrowth of shadscale and black brush.
4.50	Swale, 40 ft. below cor., drains NE.; descend gradually.
16.00	Spur, 30 ft. above spur, projects NE.; descend gradually.
20.00	Draw, 35 ft. below spur, drains NE.; ascend gradually.
30.00	Spur, 25 ft. above draw, projects NE.; descend gradually.
40.00	On rolling land, 15 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S20 | S21 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
55.00	Draw, 50 ft. below the ¼ sec. cor., drains E.; ascend gradually.
59.00	Spur, 30 ft. above draw, projects N. 75° E.; descend gradually.
80.00	On gentle NE. slope, 80 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the

Chains	
	ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked. T28S R12E S17 | S16 S20 | S21 1922
	Dig pits, 18 x 18 x 12 ins., in each sec. 3 ft. dist. from post.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	S. 89°56' E., on random line bet. secs. 16 and 21.
40.00	Set temp. ½ sec. cor.
80.20	Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 15, 16, 21 and 22.
	Thence,
	West, on true line bet. secs. 16 and 21.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
17.60	Wash, 75 lks. wide, 3 ft. deep, 15 ft. below cor., drains SW.; ascend gradually.
23.50	Spur, 60 ft. above the wash, projects S.; descend gradually.
30.90	Wash, 140 lks. wide, 20 ft. deep, 25 ft. below spur, drains S.; continue gradual descent.
40.10	On rolling land, 15 ft. below wash.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked. S16 ¼ S21 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.

Chains	
43.40	Wash, 50 lks. wide, 5 ft. deep, 10 ft. below the ¼ sec. cor., drains S.; continue gradual descent.
49.60	Sandstone rimrock which forms the E. bank of the Dirty Devil River, 15 ft. below wash, bears NW. and SE.
54.80	The Dirty Devil River, stream of muddy water, 18 ins. deep, drains SE., 60 ft. below top of E. rim.; ascend abruptly to W. rim of river.
58.00	Top of W. rim of river, 75 ft. above bottom, bears NW. and SE.; ascend gradually.
80.20	The cor. of secs. 16, 17, 20 and 21, 45 ft. above W. rim of rimer
	Land, rolling with a general southeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 16 and 17.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
35.20	Sandstone rimrock, 60 ft. high, 75 ft. below sec. cor., which forms the S. rim of the Dirty Devil River, bears N. 75° W. and S. 75° E.
37.60	Center of the Dirty Devil River, stream of muddy water, 5.00 chs. wide, 18 ins. deep, drains S. 30° E.
40.00	Point for the ¼ sec. cor. falls in river. Cor. not set.
43.00	On left bank of river, 25 ft. above bottom.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for witness cor. to the ¼ cor. secs. 16 and 17, with brass cap marked.
	S17 / S16 W / C 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Chains

60.00 Spur, 410 ft. above the witness ¼ sec. cor., projects SW.; descend abruptly.

65.00 Head of draw, 50 ft. below spur, drains SW.; continue gradual descent.

78.00 Top of S. breaks of deep rocky gulch, 40 ft. below wash, bears E. and W.; descend abruptly over broken sandstone ledges.

80.00 On steep N. slope, 15 ft. below top of breaks, on sandstone surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T28S | R12E	
S8	S9
S17	S16

1922

Land, broken with a general southwesterly exposure and drainage.

Soil, shallow sandy loam lying on sandstone bedrock.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

East, on random line bet. secs. 9 and 16.

40.00 Set temp. ¼ sec. cor.

80.18 Intersect the N. and S. line, at the cor. secs. 9, 10, 15 and 16.

Thence,

West, on true line bet. secs. 9 and 16.

Ascend gradually over broken land through scattering undergrowth of shadscale and black brush.

1.10 Spur, 30 ft. above cor., projects S.; descend gradually.

16.30 Wash, 25 lks. wide, 10 ft. deep, 25 ft. below spur, drains S. 20° W.; ascend gradually.

27.30 Spur, 20 ft. above wash, projects S. 20° W.; descend gradually.

Chains	
40.02	On rolling land, 25 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S9 / ¼ / S16
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
40.30	Draw, 10 ft. below the ¼ sec. cor., drains SW.; ascend gradually.
42.60	Spur, 30 ft. above draw, projects S.; descend gradually.
71.00	Gulch, 150 ft. below spur, drains NW.; ascend gradually.
79.00	Top of S. rim of gulch, 150 ft. above gulch, bears N. 80° E. and S. 80° W.; descend abruptly.
80.18	The cor. of secs. 8, 9, 16 and 17, 35 ft. below rim.
	Land, broken with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 8 and 9.
	Descend abruptly over broken land through scattering undergrowth of shadscale and black brush.
2.00	Bottom of deep rocky gulch, 40 ft. below cor., drains W.; ascend abruptly.
3.00	The SW. point of sandstone spur, 95 ft. above gulch; descend abruptly.
4.50	Head of draw, 15 ft. below spur, drains SW.; ascend gradually.
40.00	At head of swale, 210 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ / S8 | S9
	1922

Chains

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

80.00 Draw, 35 ft. above the ¼ sec. cor., drains SW.; continue gradual ascent.

80.00 At head of wash, 30 lks. wide, 10 ft. deep, 25 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock and in a mound of stone, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.

T28S R12E
S5 | S4
S8 | S9

1922

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

Land, broken with a general southwesterly exposure and drainage.

Soil, shallow sandy loam lying on sandstone bedrock.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

East, on random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.14 Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 3, 4, 9 and 10.

Thence,

N. 89°55' W., on true line bet. secs. 4 and 9.

Descend gradually over broken land through scattering undergrowth of shadscale and black brush.

17.10 Draw, 100 ft. below cor., drains S.; ascend gradually.

22.10 Spur, 20 ft. above draw, projects S. 10° W.; descend gradually.

40.07 On sandstone surfacerock, 20 ft. below spur, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in stone mound, for ¼ sec. cor., with brass cap marked.

Chains	
	S4 / ¼ / S9
	1922
62.30	Draw, 20 ft. below the ¼ sec. cor., drains S. 10° W.; continue gradual descent.
80.14	The cor. of secs. 4, 5, 8 and 9, 30 ft. below draw.
	Land, broken with a general southwesterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	North, on random line bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
83.11	Intersect the N. bdy. of the township, 10 lks. E. of the cor. of secs. 4, 5, 32 and 33.
	Thence,
	S. 0°04' E., on true line bet. secs. 4 and 5.
	Descend gradually over broken land through scattering undergrowth of shadscale and black brush.
4.60	Draw, 60 ft. below cor., drains SW.; ascend gradually.
6.60	Spur, 45 ft. above draw, projects S. 70° W.; descend gradually.
18.90	Draw, 45 ft. below spur, drains SW.; ascend gradually.
34.70	Spur, 150 ft. above draw, projects SW.; descend gradually.
43.11	On broken land, 100 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ / S5 | S4 / 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
55.90	Draw, 15 ft. below the ¼ sec. cor., drains SW.; ascend gradually.

Chains

59.10 Spur, 15 ft. above draw, projects SW.; descend gradually.

63.10 Draw, 35 ft. below spur, drains SW.; continue gradual descent.

63.11 The cor. of secs. 4, 5, 8 and 9, 45 ft. below draw.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow sandy loam lying on sandstone bedrock.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

From the cor. on the S. bdy. of the township, of secs. 5, 6, 31 and 32, which is an iron post, heretofore described in the notes pertaining to the survey of T. 29 S., R. 12 E. of this group.

N. 0°03' W., bet. secs. 31 and 32.

Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.

40.00 On gentle SE. slope.

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

¼

S31 | S32

1922

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

80.00 Draw, 10 ft. deep, drains SE.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T28S, R12E

S30 | S29

S31 | S32

1922

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

Chains	
	Land, rolling with a general southeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect the N. and S. line, 16 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence,
	S. 89°53' W., on true line bet. secs. 29 and 32.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
11.00	Swale, 35 ft. below cor., drains N. 10° W.; ascend gradually.
40.03	On rolling land, 55 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S29 ¼ S32 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
62.00	Ridge, 265 ft. above the ¼ sec. cor., bears NW. and SE.; descend gradually.
80.06	The cor. of secs. 29, 30, 31 and 32, 85 ft. below ridge.
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	West, on random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.

Chains	
77.98	Intersect the W. bdy. of the township, 7 lks. S. of the cor. of secs. 30 and 31.
	Thence,
	S. 89°57' E., on true line bet. secs. 30 and 31.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
6.80	Wash, 50 lks. wide, 18 ft. deep, drains N.
17.20	Spur, 50 ft. high, projects NW.
20.00	Wash, 10 lks. wide, 3 ft. deep, drains N. 70° W.
22.20	Spur, 15 ft. high, projects N. 70° W.
28.00	Draw, 10 ft. deep, drains NW.
37.98	On rolling land.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S30 ¼ S31 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
40.50	Spur, 15 ft. high, projects NW.
46.80	Draw, 10 ft. deep, drains NW.
68.00	Spur, 25 ft. high, projects SW.
77.98	The cor. secs. 29, 30, 31 and 32.
	Land, rolling with a general northwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 29 and 30.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
5.00	Spur, 25 ft. high, projects SW.; descend gradually.
11.20	Descent becomes more abrupt, bears NE. and SW.
20.00	Enter wash, 20 lks. wide, 3 ft. deep, 135 ft. below spur, drains N.

Chains	
24.00	Leave wash, drains NW.; ascend gradually.
39.00	Spur, 120 ft. above wash, projects W.; descend gradually.
40.00	On gentle N. slope, 15 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S30 | S29 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
56.40	Draw, 65 ft. below the ¼ sec. cor., drains SW.; ascend gradually.
59.00	Spur, 35 ft. above draw, projects N.; thence along top of spur.
72.70	Descend gradually from N. point of spur.
76.30	Descent becomes more abrupt, bears E. and W.
80.00	On broken N. slope, 140 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked.
	T28S, R12E S19 | S20 S30 | S29 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general westerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 89°53' E., on random line bet. secs. 20 and 29.
40.00	Set temp. ½ sec. cor.
80.04	Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence,
	S. 89°54' W., on true line bet. secs. 20 and 29.

Chains

Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

5.00 Swale, 30 ft. below cor., drains NE.; ascend gradually.

38.30 Ridge, 120 ft. above swale, bears NE. and SW.; descend gradually.

40.02 On gentle NW. slope, 25 ft. below the ridge. cor.

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

$$\frac{1}{4}\ \frac{S20}{S29}$$

1922

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

42.00 Head of draw, 25 ft. below the ¼ sec. cor., drains SW.; ascend gradually.

54.20 The S. point of rocky spur, 30 ft. above draw; descend gradually.

62.40 Wash, 20 lks. wide, 4 ft. deep, 100 ft. below point of spur, drains NW.; ascend gradually.

70.00 Spur, 60 ft. above wash, projects N. 20° W.; descend gradually.

73.30 Draw, 40 ft. below spur, drains N.; ascend gradually.

80.04 The cor. of secs. 19, 20, 29 and 30, 50 ft. above draw.

Land, rolling with a general northeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and black brush.

No timber.

Fair grazing.

N. 89°57' W., on random line bet. secs. 19 and 30.

40.00 Set temp. ¼ sec. cor.

77.68 Intersect the W. bdy. of the township, 2 lks. N. of the cor. of secs. 19 and 30.

Thence,

S. 89°58' E., on true line bet. secs. 19 and 30.

Chains	
	Descend gradually along N. slope through scattering undergrowth of shadscale and black brush.
15.70	Slope changes from N. to E.
36.20	Wash, 70 lks. wide, 12 ft. deep, 580 ft. below sec. cor., drains NE.; ascend gradually.
37.68	On rolling land, 15 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ½ sec. cor., with brass cap marked.
	½ S19 / S30
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
47.20	Ascent becomes more abrupt, bears NE. and SW.
52.20	Perpendicular sandstone ledge, 20 ft. high, bears NE. and SW.
77.68	The cor. of secs. 19, 20, 29 and 30, 160 ft. above the ½ sec. cor.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 19 and 20.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
23.90	Base of descent, 460 ft. below cor., bears NE. and SW.; thence over rolling bottom of Dry Valley Wash.
40.00	On rolling bottom of wash.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S19 | S20
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Chains	
	From this cor., a lone hill, 50 ft. high, bears E., 1.00 ch. dist.
44.00	Dry Valley Wash, dry, 40 lks. wide, 12 ft. deep, drains N. 15° E.
45.00	Leave rolling bottom of wash, bears NE. and SW.; ascend gradually.
63.20	Spur, 270 ft. above wash, projects E.; descend gradually.
68.00	Draw, 110 ft. below spur, drains E.; ascend gradually.
77.70	Spur, 170 ft. above draw, projects E.; descend gradually.
80.00	On gentle N. slope, 15 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.

T28S | R12E	
S18	S17
S19	S20

1922

	Dig pits, 18 x 18 x 12 ins., in each sec., 3 ft. dist. from post.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

	N. 89°54' E., on random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line at the cor. of secs. 16, 17, 20 and 21.
	Thence,
	S. 89°54' W., on true line bet. secs. 17 and 20.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.
21.50	Draw 80 ft. above cor., drains N.; continue gradual ascent.
30.00	Spur, 20 ft. above draw, projects N.; descend gradually.

Chains	
38.00	Draw, 75 ft. below spur, drains NW.; ascend gradually.
40.01	On rolling land, 10 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S17 ¼ S20 1922
	Raise a mound of stone; 2 ft. base, 1½ ft. high, N. of cor.
40.40	Spur, 15 ft. above the ¼ sec. cor., projects NW.; descend gradually.
41.60	Enter rolling bottom of Dry Valley Wash, 60 ft. below spur, bears N. and S.; thence over rolling bottom of wash.
48.00	Dry Valley Wash, dry, 50 lks. wide, 15 ft. deep, drains N.; continue across rolling bottom of wash.
60.30	Leave rolling bottom of wash, bears N. and S.; ascend abrupt E. slope.
68.70	Spur, 365 ft. above wash, projects NE.; descend gradually.
77.00	Draw, 20 ft. below spur, drains NE.; ascend gradually.
80.02	The cor. of secs. 17, 18, 19 and 20, 10 ft. above draw.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

	N. 89°58' W., on random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
77.32	Intersect the W. bdy. of the township, 2 lks. S. of the cor. secs. 18 and 19.
	Thence,
	S. 89°57' E., on true line bet. secs. 18 and 19.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and black brush.

Chains	
18.30	Spur, 20 ft. above cor., projects N. 80° E.; descend gradually.
27.30	Draw, 25 ft. below spur, drains SE.; ascend gradually.
32.10	Same spur as last, 20 ft. above draw, projects SE.; descend gradually.
37.32	On rolling land, 35 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S18 / S19
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
47.30	Swale, 60 ft. below the ¼ sec. cor., drains NE.; ascend gradually.
61.30	Spur, 40 ft. above swale, projects NE.; descend gradually.
77.32	The cor. of secs. 17, 18, 19 and 20, 75 ft. below spur.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep, sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

	N. 0°03' W., bet. secs. 17 and 18.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
10.00	Draw, 35 ft. below cor., drains E.; ascend gradually.
13.00	Spur, 40 ft. above draw, projects SE.; descend gradually.
40.00	On rolling land, 170 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	½ S18 / S17
	1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.

Chains	
45.00	Draw, 15 ft. below the ¼ sec. cor., drains NE.; ascend gradually.
47.50	Spur, 15 ft. above draw, projects N. 20° E.; descend gradually.
56.20	Draw, 60 ft. below spur, drains N. 80° E.; road in bottom of draw, bears N. 80° E. to the Dirty Devil River. and S. 80° W. to Hanksville, Ut.
66.30	Spur, 45 ft. above draw, projects N. 20° E.; descend gradually.
74.30	Draw, 85 ft. below spur, drains NE.; ascend gradually.
78.90	The NE. point of spur, 20 ft. above draw; descend gradually.
80.00	On rolling land, 15 ft. below point of spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.
	T28S | R12E S7 | S8 S18 | S17 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 89°54' E., on random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor .
80.02	Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 8, 9, 16 and 17.
	Thence,
	S. 89°53' W., on true line bet. secs. 8 and 17.
	Ascend abruptly over broken S. rim of gulch through scattering undergrowth of shadscale and black brush.
4.00	Top of S. rim of gulch, 75 ft. above cor., bears NW. and SE.; descend gradually.

Chains	
19.30	Descent becomes more abrupt, bears NE. and SW.
19.90	Perpendicular sandstone ledge, 35 ft. below rim of gulch, 75 ft. high, bears N. 20° E. and S. 20° W.
22.30	Gulch, 85 ft. below top of ledge, drains SW.; ascend abruptly.
25.80	Spur, 170 ft. above gulch, projects SW.; descend abruptly.
34.50	Enter rolling bottom of the Dirty Devil River Bed, 300 ft. below spur, bears NW. and SE.; thence over rolling land.
40.01	On the E. side of the Dirty Devil River.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S8 / S17
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
49.50	The left bank of the Dirty Devil River, bears N. 75° W. and S. 75° E.; thence across river.
54.70	Center of river, stream of muddy water, 18 ins. deep, drains S. 75° E.
60.00	The right bank of river, bears NW. and SE.; thence over rolling bottom of river bed.
75.50	Leave rolling bottom of river bed, bears NW. and SE. and ascend abrupt NE. slope.
80.02	The cor. of secs. 7, 8, 17 and 18, 70 ft. above river.
	Land, broken with a general southeasterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

	N. 89°57' W., on random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
76.37	Intersect the W. bdy. of the township, 7 lks. S. of the cor. of secs. 7 and 18.

Chains	
	Thence,
	S. 83°54' E., on true line bet. secs. 7 and 18.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.
36.97	On rolling land, 75 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S7 / S18
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
40.50	Draw, 10 ft. below the ¼ sec. cor., drains NE.; continue gradual descent.
64.00	Draw, 275 ft. below the ¼ sec. cor., drains N.; ascend gradually.
70.00	Spur, 35 ft. above draw, projects N.; descend gradually.
76.97	The cor. of secs. 7, 8, 17 and 18, 30 ft. below spur.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 7 and 8.
	Descend gradually over broken land through scattering undergrowth of shadscale and black brush.
4.20	Top of abrupt descent into the Dirty Devil River, bears NW. and SE.
14.00	The right bank of the Dirty Devil River, 70 ft. below the sec. cor., bears NW. and SE.; thence across river.
20.50	The Dirty Devil River, stream of muddy water, 18 ins. deep, drains SE.
27.00	The left bank of river, bears NW. and SE.

Chains	
40.00	On rolling bottom of the Dirty Devil River Bed.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼
	S7 | S8
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
56.00	Leave rolling bottom of river bed and ascend abrupt SW. slope.
65.90	Spur, 200 ft. above river bed, projects W.; descend gradually.
77.40	Draw, 60 ft. below spur, drains SW.; ascend abruptly.
80.00	On top of spur, 40 ft. above draw, projects W.
	Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground, and in a mound of stone, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.
	T28S R12E S6 | S5 S7 | S8 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken with a general southeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 89°53' E., on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence,
	S. 89°59' W., on true line bet. secs. 5 and 8.
	Descend gradually over rolling land through scattering undergrowth of shadscale and black brush.

Chains	
33.50	Draw, 30 ft. below cor.; drains S.; ascend gradually.
39.00	Spur, 35 ft. above gulch, projects SW.; descend gradually.
40.00	On gentle NW. slope, 15 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor.; with brass cap marked.
	¼ S5 / S8
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
49.50	Draw, 50 ft. below the ¼ sec. cor., drains SW.; ascend gradually.
61.30	Spur, 30 ft. above draw, projects SW.; descend gradually.
67.00	Draw, 20 ft. below spur, drains SW.; ascend gradually.
71.80	Spur, 90 ft. above draw, projects SW.; descend gradually.
75.00	Draw, 60 ft. below spur, drains S.; ascend gradually.
80.00	The cor. of secs. 5, 6, 7 and 8, 40 ft. above draw.
	Land, broken with a general southerly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 89°54' W., on random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
76.86	Intersect the W. bdy. of the township; 5 lks. S. of the cor. of secs. 6 and 7.
	Thence,
	S. 89°52' E., on true line bet. secs. 6 and 7.
	Ascend gradually over broken land through scattering undergrowth of shadscale and black brush.
7.80	Spur, 45 ft. above cor., projects S.; descend gradually.
13.50	Draw, 90 ft. below spur; drains S.; ascend gradually.
20.80	Spur, 40 ft. above draw, projects SW.; descend gradually.
36.86	On broken land, 200 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the

Chains	
	ground, for ¼ sec. cor., with brass cap marked.
	S6 / ¼ / S7
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Top of lone hill 20 ft. high, bears NE., 50 lks. dist. from cor.
44.80	Swale, 35 ft. below the ¼ sec. cor., drains SW.; ascend gradually.
62.70	Spur, 120 ft. above swale, projects S.; descend gradually.
72.20	Wash, 20 lks. wide, 2 ft. deep, in bottom of draw, 5.50 chs. wide, 175 ft. below spur, drains S.; ascend abruptly.
76.86	The cor. of secs. 5, 6, 7 and 8, 150 ft. above wash.
	Land, broken with a general southerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.
	N. 0°04' W., on random line bet. secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
83.30	Intersect the N. bdy. of the township, 5 lks. W. of the cor. of secs. 5, 6, 31 and 32.
	Thence,
	S. 0°02' E., on true line bet. secs. 5 and 6.
	Descend gradually over broken land through scattering undergrowth of shadscale and black brush.
15.30	Wash, 50 lks. wide, 5 ft. deep, drains W.; continue gradual descent.
41.50	Wash, 160 ft. below last wash, 2.00 chs. wide, 75 ft. deep, drains SW.; continue gradual descent.
43.30	On E. rim of wash, 75 ft. above bottom.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ / S6 | S5 / 1922

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
66.60	Wash, 20 lks. wide, 2 ft. deep, 100 ft. below the ¼ sec. cor., drains SW.; ascend abruptly.
70.30	Spur, 65 ft. above wash, projects SW.; descend abruptly.
73.90	Draw, 65 ft. below spur, drains SW.; ascend abruptly.
78.00	Spur, 60 ft. above draw, projects W.; descend gradually.
81.50	Draw, 20 ft. below spur, drains. SW.; ascend gradually.
83.30	The cor. of secs. 5, 6, 7 and 8; 15 ft. above draw.
	Land, broken with a general southwesterly exposure and drainage.
	Soil, shallow sandy loam lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black brush.
	No timber.
	Fair grazing.

Boundaries of T.28 S.R.12 E.

Latitudes, Departures, And Closing Errors.

Lines designated		True bearing	Distances chs.	Latitudes N. chs.	Latitudes S. chs.	Departures E. chs.	Departures W. chs.
W. bdy.	T28S R12E	N.0°22'E.	40.26	40.26	.....	.26	.....
		N.0°21'E.	40.25	40.25	.....	.24	.....
		North	40.25	40.25	.....		.....
		N.0°29'E.	40.34	40.34	.....	.34	.....
		N.0°27'E.	40.33	40.33	.....	.31	.....
		N.0°09'E.	40.19	40.19	.....	.11	.....
		N.0°12'E.	40.25	40.25	.....	.14	.....
		N.0°16'E.	40.16	40.16	.....	.19	.....
		North	40.37	40.37	.....		.....
		N.0°10'E.	40.36	40.36	.....	.12	.....
		N.0°04'E.	40.17	40.17	.....	.05	.....
		N.0°09'E.	40.12	40.12	.....	.11	.....
N. bdy.	T28S R12E	East	476.57	.....	.....	476.57	.....
E. bdy.	T28S R12E	South	483.05	.....	483.05	.....	.....
S. bdy.	T28S R12E	West	478.40	.....	.....	.....	478.40
Convergency				.....	.....	.57	.....
				483.05	483.05	479.01	478.40
					483.05	478.40	
Errors in lat. and dept.					0.00	0.61	

BOOK A-455

General Description of T. 28 S., R. 12 E.

The land embraced in this township, consists of rolling bench land, broken in most places by the breaks of the Dirty Devil River and its tributaries. This river which is a stream of muddy water, about 4.00 chs. wide and 18 ins. deep, enters the township on the west boundary of sec. 7, and flows through a deep box canyon in a southeasterly direction, leaving the township on the east boundary of sec. 25. The township in general, has a southeasterly exposure and drainage.

A scattering undergrowth of shadscale and black brush is found throughout the entire township.

The only timber found was a few scattering cottonwood trees along the bottom of the Dirty Devil River. This river is the only permanent water in the township.

The township is used by the public for a winter and summer range for stock, and is covered with a good growth of bunch grass which makes it exceedingly good for this purpose.

No settlers, improvements, or indications of mineral were found on the township.

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

Elliott Bird
U.S. Surveyor

Elmer L. Smith
U.S. Transitman.

BOOK A-455

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Verdin John	1st Chainmen
Relph Chamberlin	1st Chainmen
Claude Smith	2nd Chainmen
Dilworth S. Woolley	2nd Chainmen
Edward Flinton	Flagmen
Fred Sanford	Flagmen
Joe Wing	Cornermen
Leo R. Walker	Cornermen

CERTIFICATE OF UNITED STATES SURVEYOR & TRANSITMAN.

Elmer L. Smith U.S. Transitman, and
X, We Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 3rd day of February, 1917, X 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 west boundary or Henry Mountain Guide Meridian; survey of the north and east boundaries and subdivision of T. 28 S., R. 12 E.

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 date 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.
January 1923.

Elliot Bird U. S. Surveyor.
Elmer L. Smith U.S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Feb. 20, 1923

The foregoing field notes of the survey of resurvey of the west boundary or Henry Mountain Guide Meridian; and survey of the north and east boundaries and subdivisional lines of Township No. 28 South, Range No. 12 East, of the Salt Lake Base and Meridian, Utah;

executed by Elliot Bird and Elmer L. Smith

under his special instructions dated February 3, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and 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

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U. S. Surveyor General's Office
FEB 5 1923
SALT LAKE CITY, UTAH

4—679

BOOK A-455 A

FIELD NOTES

OF THE SURVEY OF THE

EAST AND SOUTH BOUNDARIES AND SUBDIVISION

OF

T. 31 S., R. 10 E.

Of the SALT LAKE BASE AND *Meridian,*

In the State of UTAH

EXECUTED BY

ELLIOT BIRD

AND

ELMER L. SMITH

In the capacity of U. S. Surveyor and U.S. Transitman, *under instructions dated* February 3, *1917,* *issued by the United States Surveyor General to govern surveys included in Group No.* 62, *which were approved by the Commissioner of the General Land Office,* February 17, *1917.* And assignment instructions dated May 15, 1922.

Survey commenced July 5, *1922.*

Survey completed August 19, *1922.*

6—151

F.M.S. F.M.S. K.F.B.

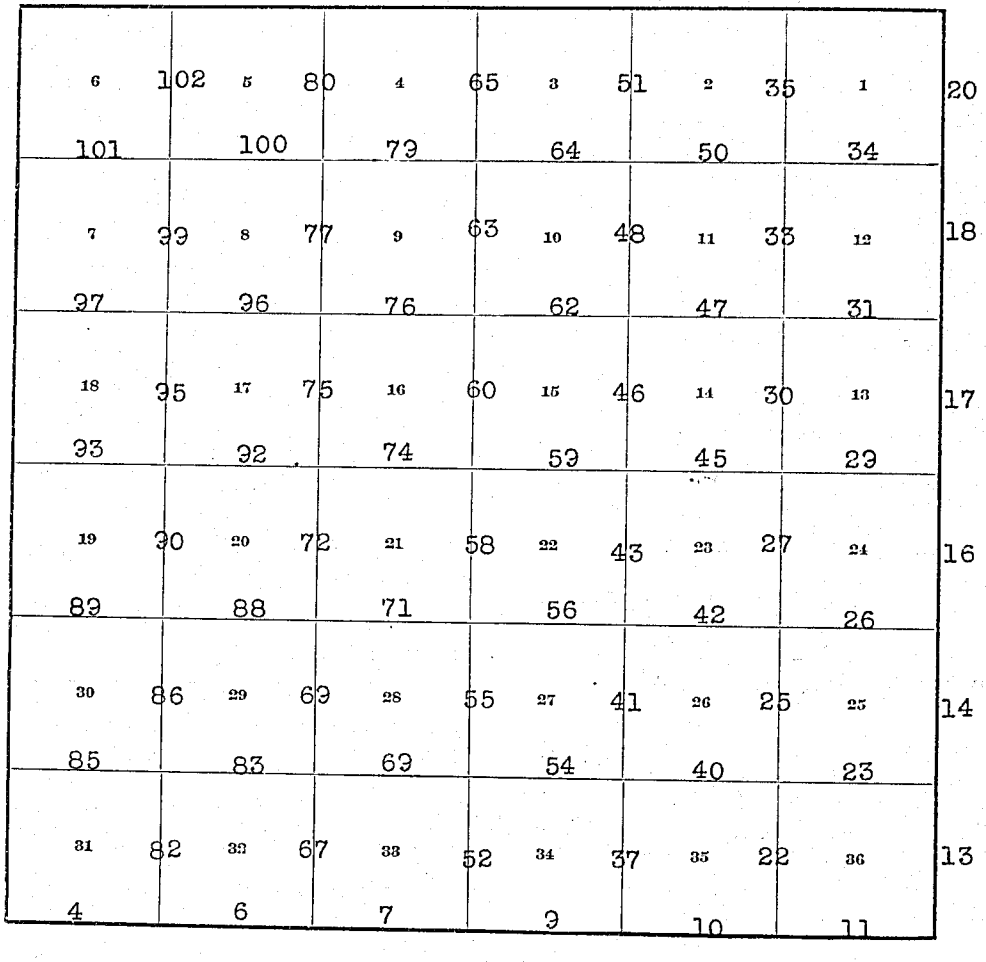
F.B.J. F.M.S.

F.I.S. K.F.B.

BOOK A-455

INDEX DIAGRAM.

Township 31 South, Range 10 East.



BOOK A-455

4—679 b

INDEX DIAGRAM.

Township 31 S, Range 10 E

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6—1917

DATE DIAGRAM OF T. 31 S., R. 10 E.

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31 7-7-22	7-8-22 7-7-22 32 7-8-22	7-8-22 33 7-10-22	7-11-22 34 7-12-22	7-13-22 35 7-17-22	7-20-22 36 7-18-22	7-19-22

All lines dated and colored in black, were surveyed by Elliot Bird, U.S. Surveyor.

All lines dated and colored in red were surveyed by Elmer L. Smith, U.S. Transitman.

Survey commenced July 15, 1922 and executed with Young and Son's light mountain transits No. 8531, used by Elliot Bird, and No. 8488, used by Elmer L. Smith. Transits are equipped with Smith Solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers 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 declinatic arcs, and vertical circles.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for Utah, in assignment instructions dated May 15, 1922.

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

July 5, 1922: Station in camp, located in the SW. $\frac{1}{4}$ of sec. 14, T. 31 S., R. 10 E., approximate latitude 38°07' N longitude 110°50' W:

At 0h 46.5m a.m. l. m. t.; We observe Polaris at eastern elongation with the telescope in direct and reversed positions and mark the line thus determined by a tack in a stake firmly driven in the ground, about 10.00 chs. to the N. of our station.

At 7h 30m app. t., we lay off the azimuth of Polaris which is 1° 25' to the W., and note that the meridian thus determined intersects the sharp point of a ledge about 4 miles dist.

At 8h 30m a.m. app. t., with both instruments in the meridian, we set off 38°07' N., on the latitude arcs; 22° 50' N., on the declination arcs, and determine a meridian with the solars which we find agrees within 1' of the true meridian.

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

Mean observed altitude	74°42'
Reduced latitude	38°07' N.
Mean watch time of observation	12h 3m
Watch slow of l. m. t.	0h 1m 14s

At app. noon, with the instruments still in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be 22°49' N., which agree with the computed declination of the sun.

At 3h 30m p.m. app. t., with the instruments in the meridian and the latitude arcs unchanged, we set off 22° 49' N., on the declination arcs; and determine a meridian with the solars which agrees within 1' of the true meridian.

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

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observation on Polaris.

At completion of the survey of this township, we make a final test of the instruments as follows.

Aug. 19, 1922: With the instruments in the meridian heretofore described; at 8h 30m a.m. app. t., we set off 38° 07' N., on the latitude arcs; 12° 55' N., on the declination arcs; and determine a meridian with the solars, which we find agrees with the true meridian.

At app. noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be 12°52' N., which agree with the computed declination of the sun.

At 3h 30m p.m. app. t., with the instruments in the meridian and the latitude arcs unchanged, we set off 12°49' N., on the declination arcs; and determine a meridian with the solars, which we find agrees with the true meridian.

As all the solar observations made during the usual hours

of solar work, come within 1' of the true meridian, we conclude that the instruments are in satisfactory adjustment.

Unless otherwise specified all measurements are made with Lufkin steel ribbon tapes: 5 chains and 8 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.

Survey of the S. bdy. of T. 31 S., R. 10 E.

From the cor. of Ts. 31 and 32 S., Rs. 9 and 10 E., which is an iron post, 3 ins. dia., surrounded by a mound of earth and stone, with brass cap marked.

T31S
R9E | R10E
S36	S31
S1	S6
T32S
1922—

From which,

A pinon, 6 ins. dia., bears N. 25° E., 39 lks. dist., marked T31S R10E S31 BT.

A pinon, 6 ins. dia., bears S. 17° E., 11 lks. dist., marked T32S R10E S6 BT.

A cedar, 6 ins. dia., bears SW., 67 lks. dist., marked T32S R9E S1 BT.

A pinon, 5 ins. dia., bears N. 82° W., 24 lks. dist., marked T31S R9E S36 BT.

East, bet. secs. 6 and 31.

Descend abruptly over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

2.10 Stream of good clear water, 3 lks. wide, 2 ins. deep, in

Chains	
	bottom of gulch, 50 ft. below cor., drains SW.; stream is locally known as Little Creek and empties into South Creek, about 10.00 chs. to the SW.; ascend abruptly.
37.80	Ridge, 260 ft. above creek, bears NE. and SW.; descend gradually.
37.74	Allowing for convergency; on gentle SE. slope, 10 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S31 ¼ S6 1922
	From which,
	A pinon, 10 ins. dia., bears N. 54° 45' E., 45 lks. dist., marked ¼ S31 BT.
	A pinon, 20 ins. dia., bears S. 39°45' E., 31 lks dist., marked ¼ S6 BT.
40.30	Gulch, 10 ft. below the ¼ sec. cor., drains SW.; ascend gradually.
67.70	Ridge, 200 ft. above gulch, bears N. 70° E. and S. 70° W.; continue gradual ascent.
77.00	Stream of good clear water, 2 lks. wide, 3 ins. deep, heads about 12.00 chs. to the NE., flows S. 60° W. into South Creek; timber becomes scattering, bears N. and S.
77.74	In small sagebrush flat, bears NE. and SW., 185 ft. above ridge.
	Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock and in a mound of stone, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.
	T31S R10E S31 | S32 S6 | S5 T32S 1922
	From which,
	A pinon, 5 ins. dia., bears N. 58° E., 8 lks. dist., marked T31S R10E S32 BT.

Chains	
	A pinon, 12 ins. dia., bears S. 29°15' E., 278 lks. dist., marked T32S R10E S5 BT.
	A pinon, 10 ins. dia., bears S. 78° W., 158 lks. dist., marked T32S R10E S6 BT.
	A pinon, 10 ins. dia., bears N. 56°30' W., 102 lks. dist., marked T31S R10E S31 BT.
	Land, broken and mountainous with a general southwesterly exposure and drainage.
	Soil, rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon on W. 77.00 chs., scattering cedar and pinon remainder of mile.
	Good grazing.
	East, bet. secs. 5 and 32.
	Ascend gradually over broken mountainous land through scattering cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.
8.00	Ascent becomes abrupt, bears N. and S.
31.00	Spur, 560 ft. above cor., projects S.; continue abrupt ascent.
40.00	On gentle SW. slope, 60 ft. above spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	$\frac{\frac{1}{4}\ S32}{S5}$
	1922
	From which,
	A pinon, 6 ins. dia., bears N. 71° E., 48 lks. dist., marked ¼ S32 BT.
	A pinon, 6 ins. dia., bears S. 84°30' W., 270 lks. dist., marked ¼ S5 BT.
	Thence, ascend gradually.
49.50	Top of gradual ascent, 70 ft. above the ¼ sec. cor., bears NE. and SW.; descend gradual SE. slope.

Chains	
74.00	Enter scattering aspen timber, bears NE. and SW.
77.50	Fork of South Creek, which is a stream of good clear water, 2 lks. wide, 3 ins. deep, in gulch, 75 ft. below top of gradual descent, drains S. 60° W.; ascend gradually.
80.00	On S. bank of wash, 45 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

T31S R10E
S32 S33

S5 S4
T32S
1922

From which,

An aspen, 9 ins. dia., bears N. 25° E., 103 lks. dist., marked T31S R10E S33 BT.

An aspen, 10 ins. dia., bears S. 48° E., 21 lks. dist., marked T32S R10E S4 BT.

An aspen, 9 ins. dia., bears S. 21°30' W., 20 lks. dist., marked T32S R10E S5 BT.

An aspen, 10 ins. dia., bears N. 49°30' W., 70 lks. dist., marked T31S R10E S32 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering sagebrush.

Timber, scattering cedar, pinon and yellow pine on W. 74.00 chs., scattering cedar, pinon, aspen and yellow pine remainder of mile.

Good grazing.

East, bet. secs. 4 and 33.

Ascend abruptly over mountainous land through dense aspen and yellow pine timber and scattering undergrowth of sagebrush.

Chains	
7.90	Wash, 50 lks. wide, 6 ft. deep, 65 ft. above cor., drains N. 85° W.; continue abrupt ascent.
38.00	Leave timber, bears NE. and SW.
40.00	On top of spur, 615 ft. above wash, projects S. 80° W. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S33 / S4

1922

From which,

A yellow pine, 16 ins. dia., bears N. 36°15' W., 228 lks. dist., marked ¼ S33 BT.

An aspen, 8 ins. dia., bears S. 87°30' W., 663 lks. dist., marked ¼ S4 BT.

Thence, ascend gradually.

47.70	Wash, 50 lks. wide, 5 ft. deep, 50 ft. above the ½ sec. cor, drains S. 60° W.; ascend abruptly.
77.00	Enter a lone bunch of red pine timber, bears N. and S.
79.70	Leave timber, bears N. and SW.
80.00	On steep NW. slope, near top of the main ridge of the Henry Mountains, 750 ft. above wash. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T31S | R10E
S33	S34
S4	S3

T32S

1922

From which,

A red pine, 8 ins. dia., bears S. 9° E., 52 lks. dist., marked T32S R10E S3 BT.

A red pine, 10 ins. dia., bears S. 34° W., 32 lks. dist., marked T32S R10E S4 BT.

A red pine, 24 ins. dia., bears N. 62°30' W., 117 lks. dist., marked T31S R10E S33 BT.

Chains	
	No NE. bearing tree available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense aspen and yellow pine on the W. portion of mile, a lone bunch of red pine on extreme E. portion.
	Exceedingly good grazing.
	East, bet. secs. 3 and 34.
	Ascend abrupt W. slope of the main ridge of the Henry Mountains through scattering undergrowth of sagebrush.
7.30	Top of the main ridge of the Henry Mountains, 280 ft. above cor., bears N. 20° E. and S. 20° W.; descend abrupt SE. slope.
16.10	Head of draw, 260 ft. below top of ridge, drains S. 10° E.; ascend abruptly.
24.30	Spur, 130 ft. above draw, projects S.; continue abrupt ascent.
40.00	On broken S. slope, 180 ft. above spur.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.
	$\frac{1}{4}\ \frac{S34}{S3}$
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
48.00	Spur, 195 ft. above the ¼ sec. cor., projects S.; descend abruptly.
64.10	Head of draw, 170 ft. below spur, drains S. 10° W.; ascend abruptly.
75.50	Ridge, 210 ft. above head of draw, bears N. 10° W. and S. 10° E.; descend abrupt E. slope of ridge.

Chains

80.00 On steep E. slope, 175 ft. below top of ridge, on smooth granite surfacerock, mark a cross (X), for exact cor. point, over which.

Set an iron post, 3 ft. long, 2 ins. dia., in a large mound of stone, for cor. of secs. 2, 3, 34 and 35, with brass cap marked.

T31S | R10E
S34	S35
S3	S2

T32S

1922

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

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering sagebrush.

No timber. Good grazing.

East, bet. secs. 2 and 35.

Descend abrupt E. slope through scattering undergrowth of sagebrush.

40.00 On steep SE. slope, 1580 ft. below sec. cor.

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

¼ S35 / S2

1922

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

49.00 Spur, 70 ft. below the ¼ sec. cor., projects S.; continue abrupt descent.

58.00 Draw, 180 ft. below spur, drains SE.; thence descend gradually.

70.00 Enter scattering cedar, pinon and red pine timber, bears NE. and SW.

80.00 On broken S. slope, 700 ft. below gulch.

Set an iron post, 3 ft. long, 2 ins. dia., 8 ins. in the

Chains

ground to bedrock and in a large mound of stone, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T31S R10E
S35	S36
S2	S1
T32S

1922

From which,

A pinon, 18 ins. dia., bears N. 72°30' E., 200 lks. dist., marked T31S R10E S36 BT.

A pinon, 10 ins. dia., bears S. 59°15' E., 90 lks. dist., marked T32S R10E S1 BT.

A pinon, 15 ins. dia., bears S. 73° W., 140 lks. dist., marked T32S R10E S2 BT.

A pinon, 10 ins. dia., bears N. 64° W., 110 lks. dist., marked T31S R10E S35 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering sagebrush.

Timber, scattering cedar, pinon and red pine on E. portion of mile.

Good grazing.

East, bet. secs. 1 and 36.

Descend gradually over broken mountainous land through dense cedar, pinon and red pine timber and scattering undergrowth of oak, buck and sagebrush.

9.00 Gulch, 180 ft. below cor., drains S., 2.00 chs. dist. into Copper Creek; continue gradual descent.

35.00 Draw, 110 ft. below gulch, drains S. 65° W.; ascend gradually.

40.00 On broken S. slope, 65 ft. above draw.

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

S36

¼

S1

1922

Chains

From which,

A pinon, 10 ins. dia., bears N. 32° W., 62 lks. dist., marked ¼ S36 BT.

A pinon, 10 ins. dia., bears S. 65° W., 38 lks. dist., marked ¼ S1 BT.

53.00 Spur, 100 ft. above the ¼ sec. cor., projects S.; descend abruptly.

65.50 Gulch, 245 ft. below spur, drains S.; continue abrupt descent.

68.00 Descent becomes gradual, bears NE. and SW.

80.00 On steep broken SE. slope, 240 ft. below gulch.

Set an iron post, 3 ft. long, 3 ins. dia., 6 ins. in the ground to bedrock and in a mound of stone, for cor. of Ts. 31 and 32 S., Rs. 10 and 11 E., with brass cap marked.

T31S
R10E | R11E
S36.	S31
S1	S6
T32S
1922

From which,

A pinon, 8 ins. dia, bears N. 31°30' E., 30 lks. dist., marked T31S R11E S31.BT.

A pinon, 10 ins. dia., bears S. 9° E., 40 lks. dist., marked T32S R11E S6 BT..

A pinon, 10 ins. dia., bears S. 33°30' W., 55 lks. dist., marked T32S R10E S1 BT.

A pinon, 8 ins. dia., bears N. 37° W., 71 lks. dist., marked T31S R10E S36 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering sage, buck and oakbrush.

Timber, dense cedar, pinon and red pine.

Good grazing.

Chains	
	From the cor. of Ts. 31 and 32 S., Rs. 10 and 11 E.
	North, bet. secs. 31 and 36.
	Ascend abrupt SE. slope over broken mountainous land through dense cedar and pinon and scattering red pine timber and scattering undergrowth of oak, buck and sagebrush.
8.00	Spur, 180 ft. above cor., projects S. 70° E.; descend abruptly.
13.00	Gulch, 130 ft. below spur, drains S. 70° E.; ascend abruptly.
25.00	Ridge, 320 ft. above gulch, bears N. 80° W. and S. 80° E.; descend gradually.
40.00	On gentle NE. slope, 120 ft. below top of ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S36 | S31 1922
	From which,
	A pinon, 15 ins. dia., bears N. 24°15' W., 368 lks. dist., marked ¼ S36 BT.
	A pinon, 20 ins. dia., bears S. 17° E., 160 lks. dist., marked ¼ S31 BT.
58.20	Small stream of good clear water, 2 lks. wide, 2 ins. deep, in bottom of gulch, 100 ft. below the ¼ sec. cor., drains E.; ascend gradually. Stream heads at spring about 30.00 chs. to the W.
71.50	Spur, 50 ft. above stream, projects E.; descend gradually.
73.70	Road, bears E. to Hanksville, Ut. and W. to Bromide Basin.
74.40	Crescent Creek, stream of good clear water, 10 lks. wide, 6 ins. deep, in bottom of canyon, 55 ft. below spur, drains E.; ascend abruptly.
78.00	Spur, 80 ft. above stream, projects E.; descend gradually.
80.00	On gentle N. slope, 5 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the

Chains

ground to bedrock and in a large mound of stone, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.

T31S
R10E | R11E
S25 | S30
S36 | S31

1922

From which,

A pinon, 12 ins. dia., bears N. 36° E., 100 lks. dist., marked T31S R11E S30 BT.

A pinon, 16 ins. dia., bears S. 17° E., 146 lks. dist., marked T31S R11E S31 BT.

A pinon, 16 ins. dia., bears S. 1° W., 130 lks. dist., marked T31S R10E S36 BT.

A pinon, 8 ins. dia., bears N. 46° W., 102 lks. dist., marked T31S R10E S25 BT.

From this cor., the workings of an old placer claim along the bottom of Crescent Creek, bears S. 20° E., 5.00 chs.dist.

Land, broken and mountainous with a general northeasterly exposure and drainage; on N. portion of mile, broken and mountainous with a general southeasterly exposure and drainage on S. portion.

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, dense cedar and pinon and scattering red pine.

Good grazing.

North, bet. secs. 25 and 30.

Descend gradually over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of oak, buck and sagebrush.

40.00 On gentle E. slope, 75 ft. below sec. cor.

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

Chains	
	1/4 S25 | S30 1921
	From which,
	A pinon, 10 ins. dia., bears east, 18 lks. dist., marked 1/4 S30 BT.
	A pinon, 8 ins. dia., bears S. 65° W., 18 lks. dist., marked 1/4 S25 BT.
43.00	Gulch, which forms the extreme left fork of Granite Creek, 75 ft. below the 1/4 sec. cor., drains N. 60° E.; ascend abruptly.
76.50	Spur, 340 ft. above gulch, projects E.; descend abruptly.
80.00	On steep N. slope, 75 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.
	T31S R10E | R11E S24 | S19. S25 | S30. 1922
	From which,
	A pinon, 10 ins. dia., bears N. 68° E., 13 lks. dist., marked T31S R11E S19 BT.
	A pinon, 8 ins. dia., bears S. 70° E., 16 lks. dist., marked T31S R11E S30 BT.
	A pinon, 8 ins. dia., bears S. 54° W., 47 lks. dist., marked T31S R10E S25 BT.
	A pinon, 10 ins. dia., bears N. 47° W., 32 lks. dist., marked T31S R10E S24 BT.
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar and pinon.
	Good grazing.

Chains	
	North, bet. secs. 19 and 24.
	Descend abruptly over broken mountainous land through dense cedar and pinon and scattering red pine timber and scattering undergrowth of oak, buck and sagebrush.
3.00	Head of gulch, 60 ft. below cor., drains N. 60° E.; ascend abruptly.
19.00	Spur, 240 ft. above gulch, projects E.; descend abruptly.
29.60	Gulch, 200 ft. below spur, drains E.; ascend abruptly.
38.60	Ridge, 200 ft. above gulch, bears E. and W.; descend abruptly.
40.00	On broken N. slope of ridge, 15 ft. below top. Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼

S24 | S19

1922

From which,

A pinon, 12 ins. dia., bears N. 30° E., 18 lks. dist., marked ¼ S19 BT.

A pinon, 8 ins. dia., bears S. 24° W., 8 lks. dist., marked ¼ S24 BT.

74.50	Head of gulch, 600 ft. below the ¼ sec. cor., drains S. 80° E.; ascend abruptly.
80.00	On steep SE. slope, 100 ft. above head of gulch. Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock and in a mound of stone, for cor. of secs. 13, 18, 19 and 24, with brass cap marked.

T31S

R10E | R11E

S13 | S18

S24 | S19

1922

From which,

A pinon, 10 ins. dia., bears N. 8°30' E., 7 lks. dist., marked T31S R11E S18 BT.

A pinon, 8 ins. dia., bears S. 37°30' E., 40 lks. dist., marked T31S R11E S19 BT.

Chains	
	A cedar, 10 ins. dia., bears S. 59° W., 30 lks. dist., marked T31S R10E S24 BT.
	A pinon, 10 ins. dia., bears N. 49° W., 50 lks. dist., marked T31S R10E S13 BT.
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar and pinon and scattering red pine.
	Good grazing.
	North, bet. secs. 13 and 18.
	Ascend abruptly over broken mountainous land through dense cedar and pinon and scattering red pine timber and scattering undergrowth of oak, buck and sagebrush.
2.00	Ridge, 40 ft. above cor., bears N. 80° E. and S. 80° W.; descend abrupt N. slope of ridge over granite ledges into Granite Creek.
15.30	Granite Creek, stream of good clear water, 10 lks. wide, 5 ins. deep, in bottom of box canyon, 600 ft. below ridge, drains N. 70° E.; ascend abruptly over granite ledges.
25.50	Spur, 610 ft. above creek, projects N. 70° E.; descend abruptly.
40.00	On steep N. slope, 170 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ | S13 | S18 | 1922
	From which,
	A pinon, 20 ins. dia., bears S. 25° E., 32 lks. dist., marked ¼ S18 BT.
	A pinon, 6 ins. dia., bears S. 35° W., 19 lks. dist. marked ¼ S13 BT.

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Chains	
41.00	Gulch, 30 ft. below the ¼ sec. cor., drains SE.; ascend abruptly.
54.80	Spur, 250 ft. above draw, projects E.; descend abruptly.
79.50	Gulch, 500 ft. below spur, drains SE.; ascend abruptly.
80.00	On broken land, 15 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 7, 12, 13 and 18, with brass cap marked.

T31S

R10E	R11E
S12	S7
S13	S18

1922

From which,

A pinon, 10 ins. dia., bears N. 40° E., 23 lks. dist., marked T31S R11E S7 BT.

A pinon, 5 ins. dia., bears S. 38° E., 57 lks. dist., marked T31S R11E S18 BT.

A cedar, 5 ins. dia., bears S. 10° W., 61 lks. dist., marked T31S R10E S13 BT.

A pinon, 10 ins. dia., bears N. 37° W., 73 lks. dist., marked T31S R10E S12 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, dense cedar and pinon and scattering red pine.

Good grazing.

North, bet. secs. 7 and 12.

Ascend abruptly over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

40.00	On top of ridge which forms the divide bet. Granite and Bull Creeks, 500 ft. above sec. cor., bears NE. and SW.
	Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the

Chains	
	ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼
	S12 | S7
	1922
	From which,
	A pinon, 8 ins. dia., bears N. 68° E., 35 lks. dist., marked ¼ S7 BT.
	A pinon, 10 ins. dia., bears N. 56° W., 22 lks. dist., marked ¼ S12 BT.
	Thence, descend gradually.
58.80	Draw, 140 ft. below the ¼ sec. cor., drains N. 30° E.; ascend gradually.
62.80	Spur, 20 ft. above draw, projects N. 30° E.; descend abruptly.
70.80	Top of granite ledges which form the S. breaks of Bull Creek, bears NE. and SW.; thence descend abruptly over broken granite ledges.
80.00	On steep NW. slope, 480 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. cor. of secs. 1, 6, 7 and 12, with brass cap marked.
	T31S
	R10E | R11E
	S1 | S6
	S12 | S7
	1922
	From which,
	A pinon, 8 ins. dia., bears N. 32° E., 37 lks. dist., marked T31S R11E S6 BT.
	A pinon, 10 ins. dia., bears S. 4° E., 94 lks. dist., marked T31S R11E S7 BT.
	A pinon, 10 ins. dia., bears S. 56° W., 13 lks. dist., marked T31S R10E S12 BT.
	A pinon, 8 ins. dia., bears N. 32° W., 17 lks. dist., marked T31S R10E S1 BT.

Chains	
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, rocky clay loam lying on granite bedrock.
	Timber, dense cedar and pinon.
	Undergrowth, scattering sagebrush.
	Good grazing.
	North, bet. secs. 1 and 6.
	Descend abruptly over broken mountainous land through dense cedar and pinon and scattering red pine timber and scattering undergrowth of sagebrush.
5.60	Road, bears NE. to Hanksville, Ut. and SW. to Saw Mill Basin.
6.20	Bull Creek, stream of good clear water, 10 lks. wide, 4 ins. deep, in bottom of canyon, 170 ft. below sec. cor., drains NE.; ascend abruptly over broken granite ledges.
10.00	Top of granite ledge, 200 ft. above creek, bears NE. and SW.; descend abruptly.
12.20	Deep rocky gulch, 100 ft. below ledge, drains NE.; ascend abruptly.
18.00	Spur, 200 ft. above gulch, projects E.; descend abruptly.
25.30	Draw, 100 ft. below spur, drains N. 60° E.; ascend abruptly.
35.00	Spur, 130 ft. above draw, projects E.; descend abruptly.
40.00	On steep N. slope, 200 ft. below top of spur.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S1 | S6 1922
	From which,
	A pinon, 12 ins. dia., bears S. 15° E., 12 lks. dist., marked ¼ S6 BT.
	A pinon, 8 ins. dia., bears S. 70° W., 20 lks. dist., marked ¼ S1 BT.

Chains	
41.10	Gulch, 60 ft. below the ¼ sec. cor., drains E.; ascend gradually.
62.40	Spur, 40 ft. above gulch, projects N. 60° E.; descend gradually.
74.00	Gulch, 150 ft. below spur, drains NE.; ascend gradually.
80.00	Spur, 50 ft. above gulch, projects NE.; descend abruptly.
84.00	Gulch, 110 ft. below spur, drains NE.; ascend abruptly.
86.00	Spur, 70 ft. above gulch, projects E.; descend abruptly.
88.00	Draw, 70 ft. below spur, drains E.; ascend abruptly.
99.00	Spur, 120 ft. above draw, projects E.; descend abruptly.
109.00	In bottom of draw, 200 ft. below spur, intersect the Sixth Standard Parallel South, 4.58 chs. E. of the standard cor. of secs. 31 and 32, T. 30 S., R. 11 E., which is an iron post, 2 ins. dia., firmly set in a mound of stone, with brass cap marked.

S C
T30S R11E
S31 S32

1919

From which,

A pinon, 10 ins. dia., bears N. 56° E., 42 lks. dist., marked SC T30S R11E S32 BT.

A pinon, 6 ins. dia., bears N. 59° W., 86 lks. dist., marked SC T30S R11E S31 BT.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of T. 31 S., Rs. 10 and 11 E., with brass cap marked.

T30S R11E
S32

S1 | S6
R10E | R11E
T31S

CC
1922

From which,

A pinon, 10 ins. dia., bears S. 63° E., 32 lks. dist., marked T31S R11E S6 CC BT.

Chains	
	A pinon, 10 ins. dia., bears S. 46° W., 95 lks. dist., marked T31S R10E S1 CC BT.
	Land, broken and mountainous with a general northeasterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon and scattering red pine.
	Good grazing.

Subdivision of T. 31 S., R. 10 E.

	From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township.
	N. 0°01' W., bet. secs. 35 and 36.
	Ascend abruptly over broken mountainous land through scattering cedar, pinon and red pine timber and scatteri undergrowth of oak and sagebrush.
5.30	Spur, 150 ft. above cor., projects SE.; descend abruptly.
12.70	Draw, 120 ft. below spur, drains SE.; ascend abruptly.
40.00	On steep S. slope, 680 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S35 | S36
1922

	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No suitable bearing trees available.
42.00	Spur, 30 ft. above the ¼ sec. cor., projects S. 80° E.; descend gradually.
48.60	Draw, 70 ft. below spur, drains S. 80° E.; ascend abruptly.
57.00	Ridge which forms the divide bet. Copper and Crescent Creeks, 130 ft. above draw, bears E. and W.: From this point, Barton's Peak, bears SW., about 25.00 chs. dist.: Leave cedar and pinon timber and enter dense red pine

Chains	
	timber, bears E. and W.; thence descend abrupt N. slope of ridge into Crescent Creek.
77.30	Granite ledge, 15 lks. wide, 40 ft. high, bears N. 10° E. and S. 10° W.
80.00	At base of ledge, 1000 ft. below top of ridge, in granite slide rock.
	Set an iron post, 3 ft. long, 2 ins. dia., in a large mound of stone, for cor. of secs. 25, 26, 35 and 36, with brass cap marked.

T31S | R10E
S26	S25
S35	S36

1922

From which,

An aspen, 10 ins. dia., bears N. 22° E., 138 lks. dist., marked T31S R10E S25 BT.

A red pine, 7 ins. dia., bears S. 32° W., 89 lks. dist., marked T31S R10E S35 BT.

An aspen, 11 ins. dia., bears N. 10° W., 118 lks. dist., marked T31S R10E S26 BT.

No SE. bearing tree available.

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

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak and sagebrush.

Timber, scattering cedar, pinon and red pine on S. portion of mile, dense red pine on N. portion.

Good grazing.

	East, on random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the E. bdy. of the township, 18 lks. N. of the cor. of secs. 25, 30, 31 and 36.
	Thence,

Chains

N. 89°52' W., on true line bet. secs. 25 and 36.

Ascend gradually over broken mountainous land through scattering undergrowth of oak, buck and sagebrush and dense cedar, pinon and scattering red pine timber.

9.60 Spur, 115 ft. above cor., projects S. 80° E.; continue gradual ascent.

39.95 On steep S. slope, 170 ft. above spur.

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

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

1922

From which,

A pinon, 14 ins. dia., bears N. 56° E., 28 lks. dist., marked ¼ S25 BT.

A pinon, 14 ins. dia., bears S. 30° W., 18 lks. dist., marked ¼ S36 BT.

73.50 Road, bears S. 80° E. to Hanksville, Ut. and N. 80° W. to Bromide Basin.

75.50 Crescent Creek, stream of good clear water, 10 lks. wide, 4 ins. deep, in bottom of canyon, 200 ft. above the ¼ sec. cor., drains S. 80° E.; ascend abruptly: Dense aspen timber along bottom of canyon.

79.50 Granite ledge, 15 lks. wide, 40 ft. high, 75 ft. above stream, bears N. 10° E. and S. 10° W.; descend abruptly.

79.90 The cor. of secs. 25, 26, 35 and 36, 40 ft. below ledge.

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

Soil, rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, dense cedar, and pinon and scattering red pine; dense aspen along Crescent Creek.

Good grazing.

Chains	
	N. 0°01' W., bet. secs. 25 and 26.
	Descend abruptly over broken mountainous land through scattering cedar, pinon, red pine and aspen timber, and scattering undergrowth of oak, buck and sagebrush.
1.50	Crescent Creek, stream of good clear water, 10 lks. wide, 4 ins. deep, in bottom of canyon, 50 ft. below cor., drains S. 80° E.; ascend abruptly.
2.40	Road, bears S. 80° E. to Hanksville, Ut. and N. 80° W. to Bromide Basin.
26.50	Ridge which forms the divide bet. Granite and Crescent Creeks, 775 ft. above Crescent Creek, bears N. 70° E. and S. 70° W.; descend abruptly.
35.80	Gulch, 225 ft. below ridge, drains N. 80° E.; ascend gradually.
40.00	On gentle S. slope, 60 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S26 | S25 1922
	From which,
	A red pine, 24 ins. dia., bears N. 36° E., 85 lks. dist., marked ¼ S25 BT.
	An aspen, 8 ins. dia., bears S. 5° W., 334 lks. dist., marked ¼ S26 BT.
60.90	Ridge, 60 ft. above the ¼ sec. cor., bears E. and W.; descend abruptly.
67.40	Gulch, 200 ft. below ridge, drains N. 60° E.; ascend abruptly.
73.60	Spur, 140 ft. above gulch, projects N. 70° E.; descend abruptly.
80.00	On steep N. slope, 200 ft. below spur, in granite slide rock.
	Set an iron post, 3 ft. long, 2 ins. dia., in a large mound of stone, for cor. of secs. 23, 24, 25 and 26, with brass cap marked.

Chains	

T31S	R10E
S23	S24
S26	S25

1922

From which,

A red pine, 11 ins. dia., bears N. 61°30' E., 93 lks dist., marked T31S R10E S24 BT.

An aspen, 12 ins. dia., bears S. 16° E., 141 lks. dist., marked T31S R10E S25 BT.

An aspen, 8 ins. dia., bears S. 67° W., 48 lks. dist., marked T31S R10E S26 BT.

An aspen, 10 ins. dia., bears N. 37° W., 15 lks. dist., marked T31S R10E S23 BT.

Land, broken and mountainous with a general easterly exposu and drainage.

Soil, rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, scattering cedar, pinon, red pine and aspen.

Good grazing.

S. 89°52' E., on random line bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the E. bdy. of the township, 18 lks. S. of the cor. of secs. 19, 24, 25 and 30.

Thence,

West, on true line bet. secs. 24 and 25.

Ascend abruptly over steep E. slope through dense cedar and pinon timber and scattering undergrowth of sagebrush.

33.00 Ascent becomes more gradual, bears N. and S.

40.00 On steep S. slope, 715 ft. above sec. cor.

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

$\frac{1/4}{S24 \mid S25}$

1922

Chains	
	From which;
	A pinon; 8 ins. dia:, bears N. 80° E., 39 lks. dist., marked ½ S24 BT.
	A lone balsam, 12 ins. dia., bears S. 40° W., 122 lks. dist., marked ½ S25 BT.
45.00	Leave timber, bears NE. and SW.
52.20	Ridge, 75 ft. above the ¼ sec. cor., bears N. 70° E. and S. 70° W.; descend abruptly.
67.30	Enter dense aspen and red pine timber, bears N. and S.
68.00	Stream of good clear water, 2 lks. wide, 2 ins. deep, in bottom of gulch, 560 ft. below ridge, drains N. 30° E.; ascend abruptly.
76.00	Spur, 240 ft. above stream, projects NE.; descend abruptly.
80.00	The cor. of secs. 23, 24, 25 and 26, 80 ft. below spur.
	Land, broken and mountainous with a general northeasterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar, pinon, aspen and red pine on portions of mile.
	Good grazing.
	N. 0°01' W., bet. secs. 23 and 24.
	Descend abruptly over broken mountainous land through dense cedar, pinon, aspen and red pine timber and scattering undergrowth of buck and sagebrush.
2.30	Small stream of good clear water, 2 lks. wide, 2 ins. deep, in bottom of deep gulch, 50 ft. below cor., drains E.; ascend abruptly.
14.70	Spur, 335 ft. above stream, projects NE.; descend abruptly.
32.00	Granite Creek, stream of good clear water, 10 lks. wide, 3 ins. deep, in bottom of deep, gulch, 370 ft. below spur, drains NE.; ascend abruptly.
37.00	Spur, 200 ft. above stream, projects N. 70° E.; continue abrupt ascent.

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Chains

40.00 On steep S. slope, 50 ft. above spur.
Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S23 | S24
1922

From which,

A pinon, 12 ins. dia., bears N. 1° E., 125 lks. dist., marked ¼ S24 BT.

A pinon, 10 ins. dia., bears N. 4° W., 123 lks. dist., marked ¼ S23 BT.

61.00 Spur, 600 ft. above the ¼ sec. cor., projects E.; dense mahogany timber along top of spur; descend abruptly.

70.00 Head of draw, 100 ft. below spur, drains E.; ascend gradually, over granite slide rock.

80.00 In granite slide rock, 50 ft. above draw.
Set an iron post, 3 ft. long, 2 ins. dia., in a large mound of stone, for cor. of secs. 13, 14, 23 and 24, with brass cap marked.

T31S | R10E
S14 | S13
S23 | S24
1922

From which,

An aspen, 8 ins. dia,, bears N. 26° E., 130 lks. dist., marked T31S R10E S13 BT.

An aspen, 12 ins. dia., bears S. 52° E., 149 lks. dist., marked T31S R10E S24 BT.

An aspen, 10 ins. dia, bears S. 75° W., 144 lks. dist., marked T31S R10E S23 BT.

An aspen, 10 ins. dia., bears N. 32°30' W., 151 lks. dist., marked T31S R10E S14 BT.

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

Chains	
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering buck and sagebrush.
	Timber, dense cedar, pinon, aspen, red pine and mahogany.
	Good grazing.
	East, on random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the E. bdy. of the township, 10 lks. N. of the cor. of secs. 13, 18, 19 and 24.
	Thence,
	N. 89°56' W., on true line bet. secs. 13 and 24.
	Ascend abruptly over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of oak, buck and sagebrush.
10.00	Ridge, 100 ft. above cor.; bears N. 85° E. and S. 85° W.; descend abruptly.
22.50	Granite Creek, stream of good clear water, 10 lks. wide, 5 ins. deep, in bottom of canyon, 100 ft. below ridge, drains NE.; ascend abrupt SE. slope.
39.98	On steep SE. slope, 335 ft. above creek.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	S13 ¼ S24 1922
	From which,
	A pinon, 6 ins. dia., bears N. 40° E., 35 lks. dist., marked ¼ S13 BT.
	A pinon, 10 ins. dia., bears S. 9° W., 73 lks. dist., marked ¼ S24 BT.
52.30	Spur, 500 ft. above the ¼ sec. cor., projects SE.; descend abruptly.
62.20	Gulch, 140 ft. below spur, drains SE.; ascend abruptly over granite slide rock.

Chains	
65.00	Enter scattering aspen timber, bears N. and S.
79.96	The cor. of secs. 13, 14, 23 and 24, 600 ft. above gulch.
	Land, broken and mountainous with a general southeasterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar and pinon; scattering aspen on W. portion of mile.
	Good grazing.
	N. 0°01' W., bet. secs. 13 and 14.
	Ascend abruptly over broken mountainous land through dense cedar, pinon, aspen and red pine timber and scattering undergrowth of oak, buck and sagebrush.
14.50	Top of ridge which forms the divide bet. Granite and Bull Creeks, 50 ft. above sec. cor., bears NE. and SW.; descend abruptly.
16.10	A red pine, 30 ins. dia., which I mark with 2 notches on N. and S. faces for line tree.
40.00	On steep N. slope, 840 ft. below top of ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S14 | S13 1922
	From which,
	A red pine, 6 ins. dia., bears N. 76° E., 31 lks. dist., marked ¼ S13 BT.
	A red pine, 8 ins. dia., bears N. 50° W., 34 lks. dist., marked ¼ S14 BT.
45.00	Old wood road, bears E. to top of divide and W. to Saw Mill Basin.
60.00	Gulch, 370 ft. below the ¼ sec. cor., drains N. 80° W.; ascend gradually.
66.40	Spur, 40 ft. above gulch, projects W.; descend abruptly.

Chains	
79.30	Road, bears NE. to Hanksville, Ut. and SW. to Saw Mill Basin.
80.00	On N. side of road, 210 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked.

T31S | R10E
S11 | S12
S14 | S13

1922

From which,

An aspen, 8 ins. dia., bears N. 60° E., 146 lks. dist., marked T31S R10E S12 BT.

A yellow pine, 24 ins. dia., bears S. 12° E., 276 lks. dist., marked T31S R10E S13 BT.

A yellow pine, 24 ins. dia., bears S. 53° W., 320 lks. dist., marked T31S R10E S14 BT.

A yellow pine, 36 ins. dia., bears N. 56° W., 71 lks. dist., marked T31S R10E S11 BT.

Raise a mound of stone, 6 ft. base, 10 ins. high, around cor.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, dense cedar, pinon, aspen and red pine; scattering yellow pine along extreme N. portion of mile.

Exceedingly good grazing.

S. 89°56' E., on random line bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the E. bdy. of the township, 9 lks. S. of the cor. of secs. 7, 12, 13 and 18.

Thence,

West, on true line bet. secs. 12 and 13.

Subdivision of T. 31 S., R. 10 E.

Chains	
	Descend abruptly over broken mountainous land through dense cedar, pinon, aspen and red pine timber and scattering undergrowth of oak, buck and sagebrush.
.10	Gulch, 5 ft. below cor., drains SE.; ascend abruptly.
32.00	Spur, 775 ft. above gulch, projects N.30° E.; continue abrupt ascent.
33.00	Ridge, 30 ft. above spur, bears NE. and SW.; ridge, forms the divide bet. Granite and Bull Creeks; descend gradually.
40.00	In bottom of draw, 75 ft. below ridge, drains N. 10° W. Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S12 / S13 1922
	From which,
	A lone yellow pine, 12 ins. dia., bears N. 4° W., 90 lks. dist., marked ¼ S12 BT.
	A pinon, 10 ins. dia., bears S. 30° E., 138 lks. dist., marked ¼ S13 BT.
45.80	Spur, 80 ft. above the ¼ sec. cor., projects NE.; descend abruptly.
62.60	Draw, 300 ft. below spur, drains N.; ascend gradually.
66.70	Spur, 60 ft. above draw, projects N.; descend abruptly.
74.00	Enter dense aspen timber, bears NE. and SW.
78.50	Leave aspen timber, bears NE. and SW.
79.90	Road, bears NE. to Hanksville, Ut. and SW. to Saw Mill Basin.
80.00	The cor. of secs. 11, 12, 13 and 14, 140 ft. below spur.
	Land, broken and mountainous with a general northerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, aspen and red pine.
	Good grazing.

Chains	
	N. 0°01' W., bet. secs. 11 and 12.
	Descend gradually over broken mountainous land through dense cedar, pinon, yellow and red pine timber and scattering undergrowth of oak, buck and sagebrush.
6.00	Bull Creek, stream of good clear water, 10 lks. wide, 4 ins. deep, in bottom of canyon, 70 ft. below cor., drains NE.; ascend abruptly.
18.70	Spur, 350 ft. above creek, projects N. 60° E.; descend abruptly.
24.00	Gulch, 200 ft. below spur, drains N. 50° E.; ascend abruptly.
40.00	On steep S. slope, 300 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S11 | S12

1922

From which,

A cedar, 26 ins. dia., bears N. 35° E., 31 lks. dist., marked ¼ S12 BT.

A pinon, 6 ins. dia., bears N. 35°30' W., 14 lks. dist., marked ¼ S11 BT.

46.30	Spur, 100 ft. above the ¼ sec. cor., projects S. 60° E.; descend gradually.
53.00	Head of gulch, 80 ft. below spur, drains SE.; ascend abruptly.
77.00	Ridge, 470 ft. above gulch, bears N. 80° W. and S. 80° E.; descend gradually.
80.00	On gentle NE. slope, 15 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock and in a mound of stone, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

T31S | R10E

S2 | S1

o

S11 | S12

1922

Chains	
	From which,
	A pinon, 8 ins. dia., bears N. 76° E., 89 lks. dist., marked T31S R10E S1 BT.
	A pinon, 8 ins. dia., bears S. 13° E., 127 lks. dist., marked T31S R10E S12 BT.
	A pinon, 6 ins. dia., bears S. 5° W., 128 lks. dist., marked T31S R10E S11 BT.
	A pinon, 6 ins. dia., bears N. 4° W., 47 lks. dist., marked T31S R10E S2 BT.
	Land, broken and mountainous with a general southerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, red and yellow pine.
	Good grazing.
	East, on random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the E. bdy. of the township, 10 lks. S. of the cor. of secs. 1, 6, 7 and 12.
	Thence,
	S. 89°56' W., on true line bet. secs. 1 and 12.
	Descend gradually over broken mountainous land through dense cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
6.00	Bull Creek, stream of good clear water, 10 lks. wide, 5 ins. deep, in bottom of canyon, drains NE.; ascend abruptly.
6.60	Road, bears NE. to Hanksville, Ut. and SW. to Saw Mill Basin.
16.00	Spur, 410 ft. above creek, projects N. 30° E.; descend abruptly.
23.60	Gulch, 200 ft. below spur, drains N. 40° E.; ascend abruptly.

Chains	
28.80	Spur, 260 ft. above gulch, projects SE.; descend abruptly.
31.00	Gulch, 100 ft. below spur, drains SE.; ascend abruptly.
40.02	On steep SE. slope, 150 ft. above gulch. Set an iron post, 3 ft. long, 1 in. dia., 2 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked. S1 / ¼ S12 1922 From which, A pinon, 10 ins. dia., bears N. 7° E., 17 lks. dist., marked ¼ S1 BT. A cedar, 12 ins. dia., bears S. 42° W., 25 lks. dist., marked ¼ S12 BT.
57.40	Spur, 200 ft. above the ¼ sec. cor., projects S. 60° E.; descend gradually.
72.00	Draw, 70 ft. below spur, drains SE.; ascend abruptly.
80.04	The cor. of secs. 1, 2, 11 and 12, 180 ft. above draw. Land, rough and mountainous with a general southeasterly exposure and drainage. Soil, shallow rocky clay loam, lying on granite bedrock. Undergrowth, scattering oak, buck and sagebrush. Timber, dense cedar, pinon, red and yellow pine. Good grazing.

N. 0°01' W., bet. secs. 1 and 2.

Descend gradually over broken mountainous land through dense cedar, pinon, mahogany, red and yellow pine timber, and scattering undergrowth of oak, buck and sagebrush.

8.80	Head of draw, 15 ft. below cor., drains SE.; ascend gradually.
14.50	Ridge, 15 ft. above draw, bears E. and W.; descend abruptly into Horse Shoe Basin.
39.00	Draw, 300 ft. below top of ridge, drains N. 70° E.; ascend gradually.

Chains	
40.00	On gentle S. slope, 15 ft. above draw. Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked. ¼ S2 | S1 1922 From which, A pinon, 15 ins. dia., bears N. 50° E., 68 lks. dist., marked ¼ S1 BT. A pinon, 10 ins. dia., bears N. 40° W., 80 lks. dist., marked ¼ S2 BT.
41.70	Spur, 20 ft. above the ¼ sec. cor., projects E.; descend gradually over rolling bottom of Horse Shoe Basin, bears E. and W.
47.70	Gulch, 160 ft. below spur, drains E.; ascend gradually.
71.40	Spur, 50 ft. above gulch, projects N. 70° E.; descend abruptly.
98.00	Gulch, 500 ft. below spur, drains N. 75° E.; ascend gradually.
103.20	Spur, 60 ft. above gulch, projects E.; descend abruptly.
107.00	Draw, 160 ft. below spur, drains N. 80° E.; ascend gradually
108.73	Intersect the Sixth Standard Parallel South, E., 4.50 chs. dist., from the standard cor. of Ts. 30 S., Rs. 10 and 11 E., which is an iron post, 3 ins. dia., firmly set in a mound of stone, with brass cap marked. S.C. T30S R10E | R11E S36 | S31 1919 From which, A pinon, 8 ins. dia., bears N. 89° E., 68 lks. dist., marked SC T30S R11E S31 BT. A pinon, 10 ins. dia., bears N. 20° W., 38 lks. dist., marked SC T30S R10E S36 BT. At point of intersection.

Chains	
	Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of secs. 1 and 2, with brass cap marked.
	T30S R11E S31 T31S R10E S2 S1 C C 1922
	From which,
	A pinon, 8 ins. dia., bears S. 20° E., 15 lks. dist., marked T31S R10E S1 CC BT.
	A cedar, 10 ins. dia., bears S. 66° W., 40 lks. dist., marked T31S R10E S2 CC BT.
	Land, broken and mountainous with a general northeasterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, mahogany, red and yellow pine.
	Good grazing.
	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township.
	N. 0°01' W., bet. secs. 34 and 35.
	Ascend abruptly over broken mountainous land through dense cedar, pinon, aspen, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
6.30	Top of ridge which forms the divide bet. Copper and Crescent Creeks, 60 ft. above cor., bears E. and W.; descend abruptly through heavy timber on N. slope of ridge,
20.20	An old tunnel, bears W., 50 lks. dist.; trail from tunnel bears NW. to the Bromide Mill.
22.80	Center of group of two log cabins and the mouth of an old tunnel, bears E., 1.50 chs. dist.
35.00	Intersect the S. bdy. of the Triune Placer, which is a patented claim of the White Canyon Mining District,

Chains

N. 81°10' E., 19.02 chs dist. from post No. 18 and 22, which is a pine post, 4 ins. x 4 ins x 5 ft. above a mound of stone, firmly set, marked No 3002 on N. face, 22 on E. face and 18 on W. face.

38.00 Road, bears E. to Hanksville, Ut. and W. to Bromide Basin

38.80 Crescent Creek, stream of good clear water, 10 lks. wide, 5 deep, in bottom of canyon, 1175 ft. below ridge, drains N. 80° E.; ascend abruptly.; scattering aspen timber along bottom of Crescent Creek.

40.00 On N. side of canyon, 15 ft. above bottom.

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

From which. S34 | S35 (¼) 1922

An aspen, 6 ins. dia., bears S. 20° E., 110 lks. dist., marked ¼ S35 BT.

An aspen, 6 ins. dia., bears S. 20° W., 134 lks. dist., marked ¼ S34 BT.

From this cor., U.S. Mineral Monument No. 1, of the White Canyon Mining District, bears N. 85°25' W., 30.71 chs. dist. Monument is an old pine post, 10 ins. dia., 10 ft. long, found lying on the ground about 4.00 chs. in a northeasterly direction from a mound of stone, with 5 ft. base, 4 ft. high. The indications found, show that snow slides had removed the post from this mound, I therefore take the center of the mound for the true position for the mineral monument. Post is plainly marked, US LM No. 3002.

From this monument.

Sumner Peak, bears S. 25°50' E.; (same bearing as given in the original notes).

Elk Butte, bears S. 59°25' E.; (same bearing as given in the original notes).

Abajo Peak, bears S. 78°05' E.; (same bearing as given in the original notes).

Barton's Peak, bears N. 87°25' E.; (same bearing as

Chains.

given in the original notes).

Mt. Pennel, bears N. 72°05' E.; (same bearing as given in the original notes).

No trace of the bearing tree as given in the original notes, was found.

The NW. cor. of the Bromide Mill bears S. 78°08' E., 12.15 chs. dist. This bearing and dist. is given in the original notes as N. 78°22' W., 830.2 ft. dist.

Said monument was established July 5, 1894, and is located on the S. point of a spur, from the main ridge bet. Crescent and Granite Creeks.

45.00 Intersect the N. bdy. of the Triune Placer, N. 81°10' E., 19.02 chs. dist., from post No. 23, which is a pine post, 4 ins. x 4 ins. x 5 ft. above a mound of stone, firmly set, marked 23-3002 on E. face.

From which,

A red pine, 16 ins. dia., bears N. 81°30' E., 43 ft. dist., marked 23-3002. BT.

55.00 Leave timber, bears E. and W.

76.20 Top of ridge which forms the divide bet. Crescent and Granite Creeks, 1105 ft. above the ¼ sec. cor., bears NE. and SW.; descend abrupt N. slope of ridge.

80.00 On steep N. slope of ridge, 170 ft. below top.

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 26, 27, 34 and 35, with brass cap marked.

T31S |	R10E
S27	S26
S34	S35

1922.

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

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, dense cedar, pinon, aspen, red and yellow pine on S. 55.00 chs. Good grazing.

Chains	
	East, on random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, 8 lks. N. of the cor. of secs. 25, 26, 35 and 36.
	Thence,
	N. 89°57' W., on true line bet. secs. 26 and 35.
	Descend abruptly over broken mountainous land through dense cedar, pinon, aspen, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
12.60	Crescent Creek, stream of good claer water, 10 lks. wide, 4 ins. deep, in bottom of canyon, 100 ft. below cor., drains N. 80° E.; ascend abrupt SE. slope.
16.50	Road, bears N. 80° E. to Hanksville, Ut. and S. 80° W. to Bromide Basin.
39.98	On steep SE. slope, 840 ft. above stream.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	S26
	¼
	S35
	1922
	From which,
	A red pine, 10 ins. dia., bears N. 78°30' E., 70 lks. dist., marked ¼ S26 BT.
	A red pine, 12 ins. dia., bears S. 10° E., 116 lks. dist., marked ¼ S35 BT.
65.00	Leave timber, bears NE. and SW.
75.20	Top of ridge which forms the divide bet. Crescent and Granit Creeks, 1080 ft. above the ¼ sec. cor., bears NE. and SW. descend abruptly.
79.96.	The cor. of secs. 26, 27, 34 and 35, 170 ft. below ridge.
	Land, broken and mountainous with a general southeasterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.

Chains	
	Timber, dense cedar, pinon, aspen, red and yellow pine on E. 65.00 chs., none remainder of mile.
	Good grazing.
	N. 0°01' W., bet. secs. 26 and 27.
	Descend abruptly over broken mountainous land through scattering undergrowth of oak, buck and sagebrush.
5.50	Enter dense cedar, pinon, aspen, red and yellow pine timber, bears E. and W.
11.50	Granite Creek, stream of good clear water, 3 lks. wide, 2 ins. deep, in canyon, 320 ft. below cor., drains NE., ascend gradually.
40.00	On top of spur, projects NE.; 160 ft. above stream. Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked,
	¼ S27 | S26 1922.
	From which,
	A red pine, 18 ins. dia., bears N. 36° E., 16 lks. dist., marked ¼ S26 BT.
	A red pine, 20 ins. dia., bears N. 78° W., 22 lks. dist., marked ¼ S27 BT.
43.60	Small stream of good clear water, 3 lks. wide, 2 ins. deep, in bottom of gulch which forms the right fork of Granite Creek, drains N. 80° E.; ascend abruptly.
68.20	Ridge, 355 ft. above stream, bears N. 70° E. and S. 70° W.; descend gradually.
80.00	On gentle N. slope, 75 ft. below ridge. Set an iron post, 3 ft. long, 2 ins. dia., 16 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 22, 23, 26 and 27, with brass cap marked.
	T31S R10E S22 | S23 S27 | S26 1922

Chains	
	From which,
	A red pine, 8 ins. dia., bears N. 2°30' E., 353 lks. dist., marked T31S R10E S23 BT.
	An aspen, 8 ins. dia., bears S. 10° E., 310 lks. dist., marked T31S R10E S26 BT.
	A red pine, 8 ins. dia., bears N. 7° W., 336 lks. dist., marked T31S R10E S22 BT.
	No SW. bearing tree available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, aspen, red and yellow pine on N. 74.50 chs. of mile.
	Good grazing.
	S. 89°57' E., on random line bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect the N. and S. line, 26 lks. S. of the cor. of secs. 23, 24, 25 and 26.
	Thence,
	S. 89°52' W., on true line bet. secs. 23 and 26.
	Descend gradually over broken mountainous land through dense cedar, pinon, aspen, red and yellow pine timber and scattering undergrowth of oak, buck, and sagebrush.
3.00	Small stream of good clear water, 2 lks. wide, 2 ins. deep, in bottom of gulch, 130 ft. below cor., drains N. 70° E.; ascend abruptly.
19.00	Ridge, 410 ft. above stream, bears N. 80° E. and S. 80° W.; descend abruptly.
39.70	Granite Creek, stream of good clear water, 10 lks. wide, 4 ins. deep, in bottom of canyon, 200 ft. below ridge, drains NE.; ascend abruptly.
40.10	On NW. bank of stream.

Chains	
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. S23 ¼ S26 1922
	From which, A red pine, 10 ins. dia., bears N. 5° E., 5 lks. dist., marked ¼ S23 BT. A red pine, 10 ins. dia., bears S. 25° E., 23 lks. dist., marked ¼ S26 BT.
51.50	Ridge which forms the divide bet. Granite and Bull Creeks, 415 ft. above the ¼ sec. cor., bears N. 80° E. and S. 80° W.; continue abrupt ascent.
80.20	The cor. of secs. 22, 23, 26 and 27, 570 ft. above ridge, Land, broken and mountainous with a general northeasterly exposure and drainage. Soil, shallow rocky clay loam, lying on granite bedrock. Undergrowth, scattering oak, buck and sagebrush. Timber, dense cedar, pinon, aspen, red and yellow pine. Good grazing.
	N. 0°01' W., bet. secs. 22 and 23. Descend gradually over broken mountainous land through dense cedar, pinon, aspen, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
3.50	Descent becomes abrupt, bears E. and W.
34.00	Bull Creek, stream of good clear water, 5 lks. wide, 4 ins. deep, in bottom of narrow canyon, 800 ft. below cor., drains N. 60° E.; ascend abruptly.
37.00	Spur, 100 ft. above stream, projects NE.; descend abruptly.
37.33	As the true point for the ¼ sec. cor. will fall in bottom of gulch; at this point, on N. slope of spur, 10 ft. below top. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the ¼ sec. cor. secs. 22 and 23, with brass cap marked.

Chains	
	W C ✓ $\frac{1}{4}$ S22 | S23 1922
	From which,
	A red pine, 6 ins. dia., bears N. 46° E., 38 lks. dist., marked WC $\frac{1}{4}$ S23 BT.
	A red pine, 30 ins. dia., bears S. 40° W., 7 lks. dist., marked WC $\frac{1}{4}$ S22 BT.
40.00	True point for the $\frac{1}{4}$ sec. cor., falls in bottom of gulch, 100 ft. below spur, drains N. 80° E., no cor. set; ascend abruptly.
42.80	East point of granite ledge, 80 ft. above gulch; descend gradually.
53.60	Gulch, 160 ft. below point of ledge, drains NE.; ascend gradually.
59.50	Spur, 75 ft. above gulch, projects NE.; descend gradually.
70.00	Spring branch, stream of good clear water, 6 lks. wide, 4 ins. deep, in bottom of gulch, 65 ft. below spur, drains NE.; stream flows from a large spring, W., 6.00 chs. dist.; ascend abruptly.
80.00	On steep S. slope, 150 ft. above stream.
	Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap marked.
	T31S | R10E S15 | S14 S22 | S23 1922
	From which,
	A red pine, 12 ins. dia., bears N. 20° E., 76 lks. dist., marked T31S R10E S14 BT.
	A red pine, 28 ins. dia., bears S. 49° E., 240 lks. dist., marked T31S R10E S23 BT.
	An aspen, 8 ins. dia., bears S. 11°30' W., 244 lks. dist., marked T31S R10E S22 BT.
	A red pine, 24 ins. dia., bears N. 6°30' W., 115 lks. dist., marked T31S R10E S15 BT.

Chains	
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, aspen, red and yellow pine.
	Good grazing.
	N. 89°52' E., on random line bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
80.28	Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 13, 14, 23 and 24.
	Thence,
	S. 89°47' W., on true line bet. secs. 14 and 23.
	Ascend abruptly over broken mountainous land through dense cedar, pinon, aspen, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
11.40	Top of ridge which forms the divide bet. Granite and Bull Creeks, 500 ft. above cor., bears NE. and SW.; descend abruptly.
23.60	Head of gulch, 620 ft. below ridge, drains N. 30° E.; continue abrupt descent.
38.30	Spur, 400 ft. below gulch, projects N. 30° E.; descend abruptly.
40.14	On steep W. slope, 150 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock and in a large mound of stone for ¼ sec. cor., with brass cap marked.
	¼ S14 / S23 / 1922
	From which,
	A yellow pine, 16 ins. dia., bears N. 77°30' E., 19 lks. dist., marked ¼ S14 BT
	A yellow pine, 14 ins. dia., bears S. 60° W., 66 lks. dist., marked ¼ S23 BT.

Subdivision of T. 31 S., R. 10 E.

Chains	
62.80	Bull Creek, stream of good clear water, 10 lks. wide, 4 ins. deep, in bottom of canyon, 750 ft. below the ¼ sec. cor., drains N. 20° E.; ascend abruptly.
80.28	The cor. of secs. 14, 15, 22 and 23, 570 ft. above stream. Land, broken and mountainous with a general westerly exposure and drainage. Soil, shallow rocky clay loam, lying on granite bedrock. Undergrowth, scattering oak, buck and sagebrush. Timber, dense cedar, pinon, aspen, red and yellow pine. Good grazing.

N. 0°01' W., bet. secs. 14 and 15.
Ascend abruptly over broken mountainous land through scattering cedar, pinon, aspem, red and yellow pine timber and scattering undergrowth of oak, buck and sage

2.10	Spur, 100 ft. above cor., projects E.; descend gradually along gentle W. slope of the Saw Mill Basin.
40.00	On gentle E. slope, 330 ft. below spur. Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S15 | S14
1922

From which,
A yellow pine, 10 ins. dia., bears N. 85°15' E., 17 lks. dist., marked ¼ S14 BT.
A yellow pine, 30 ins. dia., bears S. 61°15' W., 319 lks. dist., marked ¼ S15 BT.

47.50	A sheep corral, bears E., 2.00 chs. dist.
61.00	Trail, bears E. and W.; timber becomes dense, bears E. and W.
62.00	Fork of Bull Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in bottom of gulch, 150 ft. below the ½ sec. cor., drains E.; ascend abruptly.

Chains

73.50 Spur, 120 ft. above stream, projects E.; descend abruptly.

78.00 Fork of Bull Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in gulch, 75 ft. below spur, drains E.; ascend abruptly.

80.00 On steep S. slope, 45 ft. above stream.

Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked.

T31S	R10E
S10	S11
S15	S14

1922

From which,

A red pine, 7 ins. dia., bears N. 52°30' E., 133 lks. dist., marked T31S R10E S11 BT.

A yellow pine, 20 ins. dia., bears S. 51°15 E., 112 lks. dist., marked T31S R10E S14 BT.

An aspen, 6 ins. dia., bears S. 26° W., 122 lks. dist., marked T31S R10E S15 BT.

A red pine, 22 ins. dia., bears N. 55° W., 42 lks. dist., marked T31S R10E S10 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, scattering cedar, pinon, aspen, red and yellow pine on S. portion of mile but dense on N. portion.

Good grazing.

N. 89°47' E., on random-line bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

80.22 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence,

S. 89°50' W., on true line bet. secs. 11 and 14.

Cahins	
	Descend gradually over broken mountainous land through dense cedar, pinon, aspen, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
3.70	Bull Creek, stream of good clear water, 20 lks. wide, 4 ins. deep, in bottom of canyon, 25 ft. below cor., drains N. 80° E.; ascend gradually.
30.00	Draw, 15 ft. deep, drains S.75° E.; continue ascent.
36.40	Draw, 30 ft. deep, drains S. 75° E.; continue ascent.
40.11	On gentle S. slope, 105 ft. above Bull Creek.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	$\frac{S11}{\frac{1}{4}}$
	S14
	1922
	From which,
	A pinon, 7 ins. dia., bears N. 9°45' W., 99 lks. dist., marked ¼ S11 BT.
	A pinon, 5 ins. dia., bears S. 63°30' W., 47 lks. dist., marked ¼ S14 BT.
76.70	Point of spur, 385 ft. above the ¼ sec. cor., projects S.; descend gradually.
80.22	The cor. of secs. 10, 11, 14 and 15, 15 ft. below point of spur.
	Land, broken and mountainous with a general southerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, aspen, red and yellow pine.
	Good grazing.
	N. 0°01' W., bet. secs. 10 and 11:
	Ascend abruptly over broken mountainous land through scattering cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
26.50	Spur, 440 ft. above the sec. cor., projects S. 75° E.;

Chains	
	ascend gradually.
36.00	Draw, 15 ft. above spur, drains SE.; ascend gradually.
40.00	On broken land, 25 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S10 | S11 1922
	From which,
	A yellow pine, 8 ins. dia., bears S. 76°45' E., 43 lks. dist., marked ¼ S11 BT.
	A yellow pine, 5 ins. dia., bears S. 63°15' W., 30 lks. dist., marked ¼ S10 BT.
56.00	Spur, 160 ft. above the ¼ sec. cor., projects N. 60° E.; descend abruptly.
64.40	Draw, 150 ft. below spur, drains NE.; enter dense mahogany timber, bears E. and W.; ascend gradually.
69.70	Spur, 50 ft. above draw, projects E.; descend abruptly.
74.00	Gulch, 85 ft. below spur, drains E.; ascend abruptly.
80.00	On steep S. slope, 85 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap marked.
	T31S R10E S3 | S2 S10 | S11 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No suitable bearing trees available.
	Land, broken and mountainous with a general southeasterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense mahogany on N. portion of mile and scattering cedar, pinon, red and yellow pine on all of mile.
	Good grazing.

BOOK A-455

Chains	
	N. 89°50' E., on random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect the N. and S. line, 19 lks. N. of the cor. of secs. 1, 2, 11 and 12.
	Thence,
	S. 89°58' W., on true line bet. secs. 2 and 11.
	Ascend gradually over broken mountainous land through dens mahogany and scattering cedar, pinon, red and yellow pine and scattering undergrowth of buck and sagebrush.
3.10	Ridge, 35 ft. above cor., bears NW. and SE.; descend gradually.
19.20	Head of gulch, 150 ft. below ridge, drains S. 20° E.; ascend gradually.
34.50	Spur, 150 ft. above gulch, projects S.; descend gradually.
40.10	At head of gulch, 70 ft. below spur, drains SE.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S2 / S11
	1922
	From which
	A mahogany, 6 ins. dia., bears N. 50° E., 13 lks. dist., marked ¼ S2 BT.
	A mahogany, 6 ins. dia., bears S. 48° E., 7 lks. dist., marked ¼ S11 BT.
42.70	Spur, 50 ft. above the ¼ sec. cor., projects S. 20° E.; descend abruptly.
50.50	Gulch, 220 ft. below spur, drains SE.; ascend abruptly.
58.40	Spur, 200 ft. above gulch, projects SE.; descend abruptly.
67.00	Gulch, 150 ft. below spur, drains SE.; ascend abruptly.
80.20	The cor. of secs. 2, 3, 10 and 11, 160 ft. above gulch.
	Land, broken and mountainous with a general southeasterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.

Chains	
	Undergrowth, scattering buck and sagebrush.
	Timber, dense mahogany and scattering cedar, pinon, red and yellow pine.
	Good grazing.
	N. 0°01' W., bet. secs. 2 and 3.
	Ascend abruptly over broken mountainous land through dense mahogany timber and scattering undergrowth of sagebrush.
5.30	Spur, 100 ft. above cor., projects S. 60° E.; descend abruptly.
13.20	Gulch, 160 ft. below spur, drains S. 60° E.; ascend abruptly.
19.50	Saw Tooth Rock, which is a lone boulder, 100 ft. high, 10 ft. dia., bears E., 3.50 chs. dist.
33.20	Top of high, ridge, 600 ft. above gulch, bears NE. and SW.; leave mahogany timber and enter dense aspen and red pine timber, bears E. and W.; descend gradually along steep NW. slope.
40.00	On steep NW. slope, 200 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S3 | S2 1922
	From which,
	A red pine, 14 ins. dia., bears N. 65° E., 12 lks. dist., marked ¼ S2 BT.
	A red pine, 18 ins. dia., bears N. 20° W., 19 lks. dist., marked ¼ S3 BT.
95.00	Top of ridge which forms the divide bet. Birch Creek and Horse Shoe Basin, 800 ft. below the ½ sec. cor., bears N. 20° W. and S. 20° E.; descend abruptly.
109.30	On steep NE. slope, 450 ft. below ridge; intersect the Sixth Standard Parallel South, 15.00 chs. E. of the standard cor. of secs. 35 and 36, T. 30 S., R. 10 E.,

Chains	
	which is an iron post, 2 ins. dia., firmly set in a mound of stone, with brass cap marked. S | C T30S | R10E S35 | S36 1919
	Witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap marked. T30S R10E S36 T31S | R10E S3 | S2 C | C 1922
	From which, A pinon, 12 ins. dia., bears S. 20° E., 57 lks. dist., marked T31S R10E S2 CC BT. A mahogany, 4 ins. dia., bears S. 77° W., 28 lks. dist., marked T31S R10E S3 CC BT.
	Land, broken and mountainous with a general southeasterly and northwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense mahogany on S. portion of mile and dense aspen and red pine on N. portion; scattering cedar, pinon and mahogany timber on extreme N. portion of mile.
	Good grazing.
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the township.
	N. 0°02' W., bet. secs. 33 and 34.
	Descend gradually along steep W. slope of the main ridge of the Henry Mountains, through scattering bunches of aspen, red and yellow pine timber and scattering undergrowth of buck and sagebrush.

Chains	
10.00	Spur, 110 ft. below cor., projects W.; descend gradually.
17.20	Gulch, 60 ft. below spur, drains S. 80° W.; ascend gradually.
28.00	Spur, 80 ft. above gulch, projects S. 80° W.; descend gradually.
35.00	Gulch which forms the head of fork of South Creek, 80 ft. below spur, drains S. 80° W.; ascend gradually.
40.00	On steep SW. slope, 40 ft. above head of gulch. Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. ¼ S33 | S34 1922 From which, A red pine, 8 ins. dia., bears N. 82°15' E., 22 lks. dist., marked ¼ S34 BT. A red pine, 8 ins. dia., bears N. 61° W., 250 lks. dist., marked ¼ S33 BT.
44.00	Ridge which forms the divide bet. South and Dugout Creeks, 100 ft. above the ¼ sec. cor., bears N. 70° W. and S. 70° E.; descend abruptly.
58.40	Draw, 140 ft. below ridge, drains N. 70° W.; ascend abruptly.
69.30	Spur, 120 ft. above draw, projects N. 80° W.; descend abruptly.
80.00	In bottom of wide draw which forms the head of the S. fork of Dugout Creek, 255 ft. below spur, drains W. Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 27, 28, 33 and 34, with brass cap marked. T31S | R10E S28 | S27 S33 | S34 1922 From which, A yellow pine, 40 ins. dia., bears N. 84° E., 435 lks. dist., marked T31S R10E S27 BT.

Chains	
	A red pine, 8 ins. dia., bears S. 35° E., 65 lks. dist., marked T31S R10E S34 BT.
	A red pine, 12 ins. dia., bears S. 33° W., 75 lks. dist., marked T31S R10E S33 BT.
	A red pine, 10 ins. dia., bears N. 51°30' W., 380 lks. dist., marked T31S R10E S28 BT.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering buck and sagebrush.
	Timber, scattering bunches of aspen, red and yellow pine.
	Exceedingly good grazing.
	East, on random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, at the cor. of secs. 26, 27, 34 and 35.
	Thence,
	West, on true line bet. secs. 27 and 34.
	Descend gradually over broken mountainous land through scattering undergrowth of sagebrush.
5.50	Enter dense aspen, red and yellow pine timber, bears N. and S.
22.00	Head of gulch which form the head of Granite Creek, 125 ft. below cor., drains NE.; ascend abrupt NE. slope of the main ridge of the Henry Mountains.
40.00	On steep NE. slope, 480 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

$$\frac{\frac{1}{4}\ \text{S27}}{\text{S34}}$$

1922

From which,

A red pine, 12 ins. dia., bears N. 27° W., 80 lks. dist., marked ¼ S27 BT.

Chains	
	A red pine, 8 ins. dia., bears S. 17°30' E., 84 lks. dist., marked ½ S34 BT.
42.70	Leave timber, bears N. and S.
45.33	Top of the main ridge of the Henry Mountains, 85 ft. above the ¼ sec. cor., bears N. 20° W. and S. 20° E.: At this point, erect a flag pole which is a red pine, 10 ins. dia., 20 ft. high, 5 ft. in a mound of stone, with a 6 ft. base: From this point, a flag pole, which is 6 ins. dia., 12 ft. high, set in a mound of stone, 10 ft. base, 6 ft. high, used by the U.S. Coast and Geodetic Survey for a triangulation point, bears S. 24°33' E., 800 chs. dist.: Thence descend steep W. slope of ridge.
65.00	Enter scattering aspen, red and yellow pine timber.
80.00	The cor. of secs. 27, 28, 33 and 34, 1335 ft, below ridge.
	Land, broken and mountainous with a general easterly and westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, scattering aspen, red and yellow pine on W. portion of mile, dense aspen, red and yellow pine on E. portion.
	Good grazing.

	N. 0°02' W., bet. secs. 27 and 28.
	Ascend gradually along steep W. slope through scattering aspen and red pine timber and scattering undergrowth of sagebrush.
.40	Ascent becomes abrupt, bears E. and W.
21.00	Spur, 460 ft. above cor., projects SW.; descend gradually.
27.00	Draw, heads 1.00 chs. to the W., 50 ft. below spur, drains SW.; ascend gradually.
37.00	Top of ascent, 100 ft. above draw; bears E. and W.; descend gradually.
40.00	On gentle N. slope, 70 ft. below top of descent.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the

Chains	
	ground, for ¼ sec. cor., with brass cap marked.
	¼ / S28 | S27 / 1922
	From which,
	A red pine, 14 ins. dia., bears N. 51°45' E., 28 l dist, marked ¼ S27 BT.
	A pinon, 24 ins. dia., bears N. 47°30' W., 11 lks. dist., marked ¼ S28 BT.
45.00	Draw, 70 ft. below the ¼ sec. cor., drains W.; ascend gradually.
47.40	Leave timber, bears E. and W.
55.00	Spur, 70 ft. above draw, projects N. 75° W., descend abruptly.
60.40	Enter scattering red pine timber, bears E. and W.
67.00	Draw which forms the head of the N. fork of Dugout Creek, 230 ft. below spur, drains NW.; leave timber, bears E. and W.; ascend gradually.
80.00	On broken land, 35 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.
	T31S R10E / S21 | S22 / S28 | S27 / 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
	Land, broken and mountainous with a general westerly expo and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, scattering aspen, red and yellow pine on portions of mile.
	Good grazing.
	East, on random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.

Chains	
80.02	Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 22, 23, 26 and 27.
	Thence,
	N. 89°55' W., on true line bet. secs. 22 and 27.
	Ascend gradually over broken mountainous land through scattering undergrowth of sagebrush.
5.50	Enter dense aspen and red pine timber, bears N. and S.
7.00	The S. side of a sheep corral, bears N., 7.00 chs. dist.
20.30	Gulch, 20 ft. deep, drains N.; continue gradual ascent.
32.40	Spur, 250 ft. above sec. cor., projects N.; descend gradually.
40.01	On steep NW. slope, 180 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S22 / S27
	1922
	From which,
	A red pine, 12 ins. dia., bears N. 40° E., 190 lks. dist., marked ¼ S22 BT.
	A red pine, 10 ins. dia., bears S. 27°30' E., 174 lks. dist., marked ¼ S27 BT.
43.30	Small stream of good clear water, 4 lks. wide, 2 ins. deep, in bottom of gulch, 130 ft. below the ¼ sec. cor., drains NE.; ascend gradually.
44.60	Spur, 35 ft. above stream, projects N. 35° E.; descend gradually.
47.70	Bull Creek, stream of good clear water, 4 lks. wide, 3 ins. deep, in gulch, drains NE., 35 ft. below spur; ascend abruptly.
59.00	Leave timber, bears SE. and NW.
74.00	Top of the main ridge of the Henry Mountains, 680 ft. above Bull Creek, bears N. 10° E. and S. 10° W.; descend abruptly.
80.02	The cor. of secs. 21, 22, 27 and 28, 170 ft. below ridge. Land, broken and mountainous with a general northeasterly exposure and drainage.

Chains	
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense aspen and red pine on portions of mile.
	Good grazing.
	N. 0°02' W., bet. secs. 21 and 22.
	Ascend abruptly over steep W. slope of the main ridge of the Henry Mountains through scattering aspen and red pine timber and scattering undergrowth of sagebrush.
29.80	Top of the main ridge of the Henry Mountains, 520 ft. abov sec. cor., bears N. 30° W. and S. 30° E.; descend abrupt NE. slope of ridge.
35.00	Head of draw, 75 ft. below ridge, drains S. 80° E.; ascen gradually.
40.00	On steep E. slope of the main ridge of the Henry Mountain 30 ft. above head of draw.
	Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S21 | S22 1922
	From which,
	An aspen, 8 ins. dia., bears S. 3°30' E., 457 lks. dist., marked ¼ S22 BT.
	A red pine, 8 ins. dia., bears S. 23° W., 379 lks. dist., marked ¼ S21 BT.
	Thence ascend abruptly.
49.40	Top of the main ridge of the Henry Mountains, 220 ft. abrove the ¼ sec. cor., bears N. 15° E. and S. 15° W.; descend gradually.
64.00	Head of draw, 140 ft. below ridge, drains S. 80° W.; ascend abruptly.
71.00	Top of the main ridge of the Henry Mountains, 140 ft. abrove draw, bears N. 15° W. and S. 15° E.; descend abrupt E. slope of ridge.

Chains	
80.00	On steep E. slope, 320 ft. below ridge. Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked.

T31S S16	R10E S15
S21	S22

1922

From which,

A red pine, 14 ins. dia., bears N. 18°15' E., 176 lks. dist., marked T31S R10E S15 BT.

A red pine, 14 ins. dia., bears S. 52°30' E., 102 lks. dist., marked T31S R10E S22 BT.

A red pine, 12 ins. dia., bears S. 58°30' W., 30 lks. dist., marked T31S R10E S21 BT.

A red pine, 14 ins. dia., bears N. 6°45' W., 47 lks. dist., marked T31S R10E S16 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering sagebrush.

Timber, scattering aspen and red pine.

Exceedingly good grazing.

S. 89°55' E., on random line bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

80.24 Intersect the N. and S. line, 5 lks. N. of the cor. of 14, 15, 22 and 23.

Thence,

N. 89°53' W., on true line bet. secs. 15 and 22.

Ascend abruptly over steep E. slope of the main ridge of the Henry Mountains through scattering aspen and red pine timber and scattering undergrowth of sagebrush.

12.00 Ridge, 320 ft. above cor., bears N. 80° E. and S. 80° W.; continue abrupt ascent.

Chains	
30.00	Timber becomes dense, bears N. and S.
40.12	On steep E. slope, 840 ft. above ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S15 / S22 1922
	From which,
	A red pine, 14 ins. dia., bears N. 30°15' E., 11 lks. dist., marked ¼ S15 BT.
	A red pine, 12 ins. dia., bears S. 40° W., 29 lks. dist., marked ¼ S22 BT.
50.00	Timber becomes scattering, bears N. and S.
80.24	The cor. of secs. 15, 16, 21 and 22, 740 ft. above the ¼ sec. cor.
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, scattering aspen and red pine on E. portion of mile, dense aspen and red pine on W. portion of mile.
	Good grazing.
	N. 0°02' W., bet. secs. 15 and 16.
	Descend abruptly over broken mountainous land through medium dense growth of aspen and red pine timber and scattering undergrowth of sagebrush.
16.50	Draw, 570 ft. below cor., drains NE.; ascend abruptly.
27.50	Spur, 100 ft. above draw, projects S. 80° E.; descend abruptly.
33.00	Draw, 160 ft. below spur, drains E.; ascend gradually.
40.00	On top of spur, 30 ft. above draw, projects E.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

Chains

¼

S16 | S15

1922

From which,

A red pine, 6 ins. dia., bears N. 49°15' E., 132 lks. dist., marked ¼ S15 BT.'

A lone pinon, 20 ins. dia., bears N. 79° W., 85 lks. dist., marked ¼ S16 BT.

Thence descend gradually.

64.00 Spur, 230 ft. below the ¼ sec. cor., projects NE.; continue descent.

80.00 On broken land, 380 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked.

T31S | R10E
S9 | S10
S16 | S15

1922

From which,

An aspen, 3 ins. dia., bears S. 47° E., 32 lks. dist., marked BT.

An aspen, 3 ins. dia., bears S. 27° W., 28 lks. dist., marked BT.

An aspen, 3 ins. dia., bears N. 65°30' W., 10 lks. dist., marked BT.

No NE. bearing tree available.

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

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering sagebrush.

Timber, medium dense growth of aspen and red pine.

Good grazing.

BOOK A-455

Chains	
	S. 89°53' E., on random line bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 10, 11, 14 and 15.
	Thence,
	N. 89°57' W., on true line bet. secs. 10 and 15.
	Ascend abruptly over broken mountainous land through dense aspen and red pine timber and scattering undergrowth of oak and sagebrush.
2.60	Stream of good clear water, 4 lks. wide, 4 ins. deep, in canyon, 15 ft. above cor., drains S. 80° E.; continue abrupt ascent.
40.10	On steep N. slope, 685 ft. above stream.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S10 / S15
	1922
	From which,
	An aspen, 10 ins. dia., bears N. 34°15' W., 56 lks dist., marked ¼ S10 BT.
	An aspen, 6 ins. dia., bears S. 56°15' E., 14 lks dist., marked ¼ S15 BT.
45.00	Top of spur, from the W., 115 ft. above the ¼ sec. cor., projects S. 80° E.; ascend abruptly along top of spur.
50.00	Trail, bears NW. and SE.
56.70	Leave top of spur, continue abrupt ascent, over steep NW. slope.
80.20	The cor. of secs. 9, 10, 15 and 16, 465 ft. above spur.
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak and sagebrush.
	Timber, dense aspen and red pine.
	Good grazing.

Chains	
	N. 0°02' W., bet. secs. 9 and 10.
	Descend abruptly over broken mountainous land through dense aspen and red pine timber and scattering undergrowth of sagebrush.
4.00	Stream of good clear water, 3 lks. wide, 2 ins. deep, in bottom of gulch, 25 ft. below cor., drains N. 60° E.; ascend abruptly.
10.00	Spur, 105 ft. above stream, projects E.; descend gradually.
10.10	Trail, bears NE. and SW.
13.20	Draw, 75 ft. below spur, drains SE.; ascend abruptly.
23.40	Spur, 310 ft. above draw, projects SE.; continue abrupt ascent.
36.00	Top of ascent, 120 ft. above spur, bears NW. and SE.; descend abruptly.
40.00	On steep E. slope, 15 ft. below top of descent.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼

S9 | S10

1922

From which,

An aspen, 7 ins. dia., bears S. 64°15' E., 22 lks. dist., marked ¼ S10 BT.

A red pine, 7 ins. dia., bears S. 85°15' W., 18 lks. dist., marked ¼ S9 BT.

62.50	Ridge, 130 ft. below the ¼ sec. cor., which forms the divide bet. Birch and Bull Creeks., bears NE. and SW.; descend abruptly.
80.00	On gentle N. slope, 115 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked.

T31S, R10E

S4 | S3

S9 | S10

1922

BOOK A-455

Chains

From which,

A lone pinon, 5 ins. dia., bears N. 54°15' E., 72 lks. dist., marked T31S R10E S3 BT.

A lone pinon, 10 ins. dia., bears N. 32°15' W., 152 lks. dist., marked T31S R10E S4 BT.

No other suitable bearing trees available.

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

cor.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering sagebrush.

Timber, dense aspen and red pine.

Good grazing.

S. 89°57' E., on random line bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

80.40 Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence,

S. 89°58' W., on true line bet. secs. 3 and 10.

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

15.00 Leave mahogany timber and enter dense aspen and red pine, bears N. and S.

19.70 Ridge, 640 ft. above cor., bears N. and S.; descend gradually.

25.50 Head of gulch, 70 ft. below ridge, drains S.; ascend abruptly.

26.50 A red pine, 14 ins. dia., which I mark with 2 notches on E. and W. faces for line tree.

40.20 On gentle SE. slope, 200 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

Chains	
	S3 ¼ S10 1922
	From which,
	A red pine, 30 ins. dia., bears N. 24° E., 31 lks. dist., marked ¼ S3 BT.
	A red pine, 12 ins. dia., bears S. 31°30' W., 17 lks. dist., marked ¼ S10 BT.
45.00	Leave timber, bears N. and S.
48.00	Ridge which forms the divide bet. Birch and Bull Creeks, 100 ft. above the ¼ sec. cor., bears N. 80° E. and S. 80° W.; descend gradually along NW. slope of ridge.
61.30	Descent becomes abrupt, bears NE. and SW.
80.40	The cor. of secs. 3, 4, 9 and 10, 300 ft. below ridge.
	Land, broken and mountainous with a general southeasterly and northwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Timber, dense mahogany, aspen and red pine on E. portion of mile.
	Undergrowth, scattering sagebrush.
	Good grazing.
	N. 0°02' W., bet. secs. 3 and 4.
	Descend abruptly over broken mountainous land through dense aspen, pinon and red pine timber and scattering undergrowth of sagebrush.
30.40	Trail, bears N. 15° E. and S. 15° W.
35.20	Bottom of ravine, 980 ft. below cor., forms the head of Birch Creek, drains N. 15° E.; descend gradually.
40.00	On broken land, 40 ft. below ravine.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S4 | S3 1922

Chains

From which,

A red pine, 5 ins. dia., bears N. 15°30' E., 26 lks. dist., marked ¼ S3 BT.

A red pine, 5 ins. dia., bears West., 26 lks. dist., marked ¼ S4 BT.

58.50 Leave timber, bears NE. and SW.; thence over granite slide rock.

71.50 Leave slide rock, bears NW. and SE.

92.80 Ridge, 635 ft. below the ¼ sec. cor., bears N. 15° E. and S. 15° W.; descend gradually.

105.20 Draw, 65 ft. below ridge, drains NW.; continue gradual descent.

106.50 Enter scattering pinon timber, bears E. and W.

109.85 On broken land, 75 ft. below draw; intersect the Sixth Standard Parallel South, E., 14.67 chs. dist. from the standard cor. of secs. 34 and 35, T. 30 S., R. 10 E., which is an iron post, 2 ins. dia., firmly set in a mound of stone, with brass cap marked.

S | C
T30S | R10E
S34 | S35

1919

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

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of secs. 3 and 4, with brass cap marked.

T30S R10E
S35

T31S | R10E
S4 | S3
C | C

1922

From which,

A pinon, 5 ins. dia., bears S. 68° E., 32 lks. dist., marked T31S R10E S3 CC BT.

A pinon, 12 ins. dia., bears S. 83° W., 115 lks. dist., marked T31S R10E S4 CC BT.

Chains	
	Land, broken and mountainous with a general northerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense pinon, aspen and red pine on S. portion of mile, scattering pinon on N. portion of mile.
	Good grazing.
	From the cor. of secs. 4, 5, 32 and 33, on the south bdy. of the township.
	N. 0°03' W., bet. secs. 32 and 33.
	Descend gradually over broken mountainous land through scattering aspen, red and yellow pine timber and scattering undergrowth of sagebrush.
.20	Wash, 20 lks. wide, 5 ft. deep, drains W., 2.00 chs. dist. to fork of South Creek.
1.40	Stream of good clear water, 4 lks. wide, 3 ins. deep, in bottom of gulch which forms the N. fork of South Creek, 25 ft. below cor., drains S. 60° W.; ascend abruptly.
29.20	Spur, 480 ft. above creek, projects W.; descend gradually.
37.80	Draw, 70 ft. below spur, drains S. 80° W., ascend abruptly.
40.00	On steep S. slope, 40 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S32 | S33 1922
	From which,
	A red pine, 18 ins. dia., bears N. 7°30' E., 224 lks. dist., marked ¼ S33 BT.
	A red pine, 12 ins. dia., bears N. 13°15' W., 350 lks. dist., marked ¼ S32 BT.
44.70	Spur, 40 ft. above the ¼ sec. cor., projects N. 80° W.; descend abruptly.

Chains

45.10 Draw, 50 ft. below spur, drains N. 80° W.; ascend abruptly.

46.20 Center of a clump of dense aspen and red pine timber, bears E. and W.

57.80 Ridge, which forms the divide bet. South and Dugout Creeks, 100 ft. above draw, bears E. and W.; descend abrupt N. slope of ridge through dense aspen and red pine timber, bears E. and W.

77.20 Stream of good clear water, 5 lks. wide, 2 ins. deep, in bottom of gulch which forms the S. fork of Dugout Creek, 600 ft. below ridge, drains N. 35° W.; ascend abruptly.

80.00 On gentle W. slope, 45 ft. above stream.

Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground and in a mound of stone, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.

T31S R10E	
S29	S28
S32	S33

1922

From which,

An aspen, 8 ins. dia., bears N. 40° E., 15 lks. dist., marked T31S R10E S28 BT.

An aspen, 10 ins. dia., bears S. 18° E., 43 lks. dist., marked T31S R10E S33 BT.

An aspen, 8 ins. dia., bears S. 39° W., 27 lks. dist., marked T31S R10E S32 BT.

An aspen, 7 ins. dia., bears N. 46° W., 130 lks. dist., marked T31S R10E S29 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering sagebrush.

Timber, scattering aspen, red and yellow pine on S. portion of mile, dense aspen and red pine on N. portion.

Good grazing.

Chains	
	East, on random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
79.72	Intersect the N. and S. line, at the cor. of secs. 27, 28, 33 and 34.
	Thence,
	West, on true line bet. 28 and 33.
	Descend abruptly along bottom of draw which forms the S. fork of Dugout Creek through dense aspen and red pine timber and scattering undergrowth of sagebrush.
28.00	Leave bottom of draw, drains S.70°W.; continue abrupt descent.
39.86	On gentle SW. slope, 385 ft. below the sec. cor. Set iron post, 3 ft. long, 1 in. dia., 27 ins in the ground for the ¼ sec. cor., with brass cap marked S 28 ¼ S 33 1922
	From which
	A red pine, 20 ins. dia., bears N. 48°W., 255 lks. dist., marked ¼S28 BT.
	A red pine, 10 ins. in diam., bears S.81°30'E., 715 lks. dist., marked ¼S33 BT.
	Thence descend gradually.
79.72	The cor. of secs. 28, 29, 32 and 33; 840 ft. below the ¼ sec. cor.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sage brush.
	Timber, dense aspen and red pine.
	Good grazing.

N.0°03'W., bet. secs. 28 and 29.

Descend gradually over broken mountainous land through dense aspen, pinon, red and yellow pine timber and scattering undergrowth of sagebrush.

Chains	
4.00	Spring branch, 1 lk. wide, 2 ins. deep, drains W.
8.00	Draw, 55 ft. below cor., drains W., ascend gradually.
17.00	Spur, 60 ft. above draw, projects S.75°W., descend abruptly.
22.00	Small stream of good clear water, 3 lks. wide, 4 ins. deep, in bottom of gulch which forms center fork of Dugout Creek, 135 ft. below spur, drains S. 75°W.; ascend abruptly.
40.00	Set iron post, 3 ft. long, 1 in. diam, 27 ins. in the ground, for the ¼ sec. cor., with brass cap marked ¼ S 29 | S 28 1922 From which, A yellow pine, 8 ins. dia., bears S.27°30'E., 155 lks. dist., marked ¼ S 28 B T. A pinon, 5 ins. dia., bears S.47°15'W., 41 lks., dist., marked ¼ S 29 B T.
49.00	Spur, 90 ft. above the ¼ sec. cor., projects SW.; descend abruptly.
57.50	Small stream of good clear water, 5 lks. wide, 3 ins. deep, in bottom of gulch, which forms the N. fork of Dugout Creek, 255 ft. below spur, drains SW.; ascend abrupt SE. slope.
80.00	On broken land, 820 ft. above stream. Set iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked T31S | R10E S20 | S21 S29 | S28 1922 From which A pinon, 10 ins. dia., bears N.15°E., 19 lks. dist., marked T31S R10E S 21 B T.

Chains	
	A pinon, 10 ins. dia., bears S. 44°45' E., 52 lks. marked T31S R10E S28 BT.
	A pinon, 10 ins. dia., bears S. 37°15' W., 67 lks. dist., marked T31S R10E S29 BT.
	A red pine, 8 ins. dia., bears N. 39°15' W., 30 lks. dist., marked T31S R10E S20 BT.
	Land, broken and mountainous with a general southwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense pinon, aspen, red and yellow pine.
	Good grazing.
	East, on random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	S. 89°58' W., on true line bet. secs. 21 and 28.
	Descend abruptly over broken mountainous land through scattering undergrowth of sagebrush.
11.20	Enter scattering red pine timber, bears NW. and SE.
14.00	Stream of good clear water, 2 lks. wide, 2 ins. deep, in bottom of draw, which forms the N. fork of Dugout Creek, 480 ft. below sec. cor., drains NW.; ascend gradually.
23.00	Spur, 50 ft. above stream, projects N. 15° W.; enter scattering aspen, cedar and red pine timber and scattering undergrowth of oak brush, bears N. and S.
39.95	On smooth granite surfacerock, 150 ft. below spur, mark a cross (X), for exact cor. point over which.
	Set an iron post, 3 ft. long, 1 in. dia., in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S21 / S28
	1922

Chains	
	From which, A red pine, 6 ins. dia., bears N. 74° E., 96 lks. dist., marked ¼ S21 BT. A pinon, 7 ins. dia., bears S. 44°15' W., 43 lks. dist., marked ¼ S28 BT.
64.10	Stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of gulch which forms the N. fork of Dugout Creek, 685 ft. below the ¼ sec. cor., drains S. 15° W.; ascend abruptly.
79.90	The cor. of secs. 20, 21, 28 and 29, 560 ft. above stream.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak and sagebrush on portions of mile.
	Timber, scattering cedar, aspen and red pine on portions of mile; scattering pinon timber by the ¼ sec. cor.
	Good grazing.
	N. 0°03' W., bet. secs. 20 and 21.
	Ascend abruptly over broken mountainous land through medium growth of aspen, pinon, cedar, red and yellow pine timber and scattering undergrowth of oak and sagebrush.
15.50	Spur, 110 ft. above cor., projects E.; descend gradually.
24.70	Head of draw, 100 ft. below spur, drains E.; ascend gradually.
35.00	Ridge which forms the divide bet. Dugout and Pistol Creeks, 100 ft. above draw, bears N. 15° E. and S. 15° W.; descend gradually.
40.00	On abrupt NW. slope, 70 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼

S20 | S21

1922

Chains

From which,

A pinon, 8 ins. dia., bears S. 55° E., 544 lks. dist., marked ¼ S21 BT.

A pinon, 8 ins. dia., bears S. 63°30' W., 379 lks. dist., marked ¼ S20 BT.

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

49.60 Draw, 30 ft. below the ¼ sec. cor., drains W.; ascend gradually.

59.40 Spur, 185 ft. above draw, projects S. 75° W.; descend gradually.

69.60 Draw, 180 ft. below spur, drains S. 75° W.; ascend abruptly.

80.00 On steep SE. slope, 400 ft. above darw.

Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.

T31S R10E	
S17	S16
S20	S21

1922

From which,

An aspen, 5 ins. dia., bears N. 75°30' E., 58 lks. dist., marked T31S R10E S16 BT.

A red pine, 6 ins. dia., bears S. 79°15' E., 86 lks. dist., marked T31S R10E S21 BT.

A pinon, 10 ins. dia., bears S. 54° W., 80 lks. dist., marked T31S R10E S20 BT.

A red pine, 24 ins. dia., bears N. 37°45' W., 67 lks. dist., marked T31S R10E S17 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak and sagebrush.

Timber, medium dense growth of cedar, pinon, aspem, red and yellow pine.

Good grazing.

&

Chains	
	N. 89°58' E., on random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 15, 16, 21 and 22.
	Thence,
	N. 89°56' W., on true line bet. secs. 16 and 21.
	Ascend abruptly over broken mountainous land through dense growth of red pine timber and scattering undergrowth of sagebrush.
10.60	Leave timber, bears N. and S.
15.60	Top of the main ridge of the Henry Mountains, 390 ft. above cor., bears NW. and SE.; descend abruptly.
27.20	Spur, 240 ft. below ridge, projects S. 10° E.; continue abrupt descent.
36.90	Spur, 240 ft. below previous spur, projects SW.; continue abrupt descent.
40.09	On steep NW. slope, 105 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S16 / S21 / 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
53.00	Slope changes from NW. to SW.
58.40	Bottom of draw, 665 ft. below the ¼ sec. cor., drains SW.; ascend abruptly.
68.50	Enter dense growth of aspen, cedar, pinon and red pine timber, bears N. and S.
80.18	The cor. of secs. 16, 17, 20 and 21, 350 ft. above draw.
	Land, broken and mountainous with a general southwestery exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense red pine on E. portion of mile, dense aspen, cedar, pinon and red pine on W. portion.
	Good grazing.

Chains	
	N.0°03' W., bet. secs. 16 and 17.
	Ascend abruptly over broken mountainous land through medium dense growth of aspen, cedar, pinon, red and yellow pine timber and scattering undergrowth of oak and sagebrush.
4.40	Ridge, 135 ft. above cor., bears NE. and SW.; ascend gradually.
14.30	Spur, 40 ft. above ridge, projects S. 80° W.; descend abruptly.
26.30	Gulch, 230 ft. below spur, drains S. 80° W.; ascend abruptly.
40.00	On steep S. slope, 530 ft. above gulch. Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼

S17 | S16

1922

From which,

A pinon, 5 ins. dia., bears N. 78° 30' E., 232 lks. dist., marked ¼ S16 BT.

A pinon, 6 ins. dia., bears N. 71°30' W., 120 lks. dist., marked ¼ S17 BT.

43.00	Spur, 20 ft. above the ¼ sec. cor., projects S. 75° W.; ascend gradually.
59.20	Ridge, 310 ft. above spur, bears NW. and SE.; descend abruptly.
80.00	In bottom of draw, 710 ft. below ridge, drains NW. Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T31S | R10E

S8 | S9

S17 | S16

1922

Chains	
	From which,
	A red pine, 10 ins. dia., bears N. 62°45' E., 13 lks. dist., marked T31S R10E S9 BT.
	A red pine, 6 ins. dia., bears S. 45° E., 22 lks. dist., marked T31S R10E S16 BT.
	A red pine, 5 ins. dia., bears S. 62°15' W., 16 lks. dist., marked T31S R10E S17 BT.
	A red pine, 8 ins. dia., bears N. 22° W., 23 lks. dist., marked T31S R10E S8 BT.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak and sagebrush.
	Timber, medium dense growth of aspen, cedar, pinon, red and yellow pine.
	Good grazing.
	S. 89°56' E., on random line bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
79.82	Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 9, 10, 15 and 16.
	Thence,
	N. 89°55' W., on true line bet. secs. 9 and 16.
	Ascend abruptly along S. side of draw through dense aspen and red pine timber and sacttering undergrowth of oak and sagebrush.
21.50	Leave timber, bears N. and S.; thence through burnt and fallen dead pine timber.
35.00	Leave dead timber, bears N. and S.
37.00	A narrow strip of red pine timber, bears N. and S.
39.91	On steep E. slope, 1300 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.
	S9 / ¼ / S16
	1922

Chains	
	From which,
	A red pine, 20 ins. dia., bears N. 85°30' E.,
	452 lks. dist., marked ¼ S9 BT.
	A red pine, 12 ins. dia., bears S. 57° E.,
	371 lks. dist., marked ¼ S16 BT.
44.00	Top of the main ridge of the Henry Mountains, 100 ft. above the ¼ sec. cor., bears N. and S.; from this point, Mt. Ellen, which is the highest point on the Henry Mountains, bears N., 20.00 chs. dist.; descend abrupt W. slope of ridge.
57.00	Enter scattering red pine timber, bears N. and S.
71.00	Timber, becomes dense, bears N. and S.
77.60	Bottom of abrupt descent, 1100 ft. below ridge, bears NW. and SE.; descend gradually.
79.82	The cor. of secs. 8, 9, 16 and 17, 30 ft. below bottom of abrupt descent.
	Land, broken and mountainous with a general easterly and westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak and sagebrush.
	Timber, scattering and dense red pine on W. portion of mile, dense aspen and red pine on E. portion.
	Good grazing.
	N. 0°03' W., bet. secs. 8 and 9.
	Ascend abruptly over broken mountainous land through dense aspen and red pine timber and scattering undergrowth of oak and sagebrush.
19.00	Draw, 20 ft. deep, drains SW.; continue abrupt ascent.
19.50	Leave timber, bears NE. and SW.
26.00	Spur, 370 ft. above cor., projects SW.; continue ascent.
28.20	Ridge, 30 ft. above spur, bears NW. and SE.; descend abruptly.
36.00	Enter dense red pine timber, bears E. and W.
39.90	Trail, bears NE. and SW.

Chains	
40.00	On steep N. slope, in small opening, 280 ft. below ridge. Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$

S8 | S9

1922

From which,

A red pine, 12 ins. dia., bears N. 1° W., 62 lks. dist., marked $\frac{1}{4}$ S8 BT.

A red pine, 6 ins. dia., bears S. 86° E., 60 lks. dist., marked $\frac{1}{4}$ S9 BT.

51.50	Leave timber, bears NW. and SE.
53.50	Enter dense pinon and red pine timber, bears E. and NW.
60.00	Bottom of draw, 330 ft. below the $\frac{1}{4}$ sec. cor., drains W.; ascend abruptly.
64.50	Timber becomes scattering, bears E. and W.
70.20	Top of ascent, 100 ft. above draw, bears E. and W.; descend abruptly.
80.00	On broken land, 200 ft. below top of ascent. Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.

T31S | R10E

S5 | S4

S8 | S9

1922

From which,

A red pine, 6 ins. dia., bears N. 68°30' E., 48 lks. dist., marked T31S R10E S4 BT.

A pinon, 10 ins. dia., bears S. 56° E., 39 lks. dist., marked T31S R10E S9 BT.

A pinon, 8 ins. dia., bears S. 35° W., 77 lks. dist., marked T31S R10E S8 BT.

A red pine, 6 ins. dia., bears N. 16° W., 34 lks. dist., marked T31S R10E S5 BT.

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

Chains	
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, scattering and dense aspen, pinon and red pine on portions of mile.
	Good grazing.
	S. 89°55' E., on random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect the N. and S. line, 19 lks. S. of the cor. of secs. 4, 5, 8 and 9.
	Thence,
	S. 89°57' W., on true line bet. secs. 4 and 9.
	Descend abruptly over broken mountainous land through dense aspen and red pine timber and scattering undergrowth of sagebrush.
14.00	Bottom of draw which forms the Head of Birch Creek, dry, 350 ft. below cor., drains N. 15° E.; ascend abruptly.
16.90	Trail, bears N. 15° W. and S. 15° E.
24.30	Top of the main ridge of the Henry Mountains, 360 ft. above draw, bears N. and S.; descend abrupt W. slope of ridge.
39.94	On broken SW. slope, 320 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S4 / S9
	1922
	From which,
	A red pine, 10 ins. dia., bears N. 20° E., 466 lks. dist., marked ¼ S4 BT.
	An aspen, 8 ins. dia., bears S. 2°30' E., 134 lks. dist., marked ¼ S9 BT.
45.00	Draw, 90 ft. below the ¼ sec. cor., drains NW.; ascend gradually.
56.50	Spur, 70 ft. above draw, projects N., 5.00 chs. dist.; descend abruptly.

Chains	
61.30	Draw, 165 ft. below spur, drains N.; ascend abruptly.
77.30	Spur, 205 ft. above draw, projects N.; descend abruptly.
79.88	The cor. of secs. 4, 5, 8 and 9, 40 ft. below spur.
	Land, broken and mountainous with a general northerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering sagebrush.
	Timber, dense aspen and red pine.
	Good grazing.
	N. 0°03' W., bet. secs. 4 and 5.
	Descend abruptly over broken mountainous land through dense aspen and red pine timber and scattering undergrowth of oak and sagebrush.
19.00	Draw, 635 ft. below cor., drains NE.; ascend abruptly.
26.00	East point of spur, 130 ft. above draw; descend abruptly.
32.00	Draw, 105 ft. below spur, drains N. 20° W.; ascend abruptly.
35.50	Enter scattering cedar and pinon timber, bears E. and W.
40.00	On broken land, 120 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S5 | S4 1922
	From which,
	A cedar, 6 ins. dia., bears N. 23°30' W., 77 lks. dist., marked ¼ S5 BT.
	A pinon, 6 ins. dia., bears S. 72°45' E., 36 lks. dist., marked ¼ S4 BT.
45.00	Spur, 100 ft. above the ¼ sec. cor., projects N. 20° W.; descend abruptly.
63.00	Head of draw, 400 ft. below spur, drains NW.; descend gradually.
75.00	Ridge, 85 ft. below draw, bears N. 20° W. and S. 20° E.; descend abruptly.

Chains	
100.00	Head of draw, 370 ft. below ridge, drains NE.; ascend gradually.
109.96	Intersect the Sixth Standard Parallel South, E., 15.08 chs. dist. from the standard cor. of secs. 33 and 34, T. 30 S., R. 10 E., which is an iron post, 2 ins. dia., firmly set in a mound of stone, with brass cap marked.

S	C
T30S	R10E
S33	S34

1919

From which,

A pinon, 6 ins. dia., bears N. 41° E., 46 lks. dist., marked SC T30S R10E S34 BT.

A red pine, 16 ins. dia., bears N. 56° W., 58 lks. dist., marked SC T30S R10E S33 BT.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for closing cor. of secs. 4 and 5, with brass cap marked.

T30S R10E
S34

T31S	R10E
S5	S4
C	C

1922

From which,

A pinon, 10 ins. dia., bears S. 30°30' E., 109 lks. dist., marked T31S R10E S4 CC BT.

A pinon, 5 ins. dia., bears S. 41° W., 29 lks. dist., marked T31S R10E S5 CC BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak and sagebrush.

Timber, dense aspen and red pine on S. portion of mile, scattering cedar and pinon on N. portion.

Good grazing.

Chains	
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the township.
	N. 0°03' W., bet. secs. 31 and 32.
	Ascend gradually over broken mountainous land through scattering cedar, pinon, red and yellow pine timber and scattering undergrowth of oak and sagebrush.
.70	Stream of good clear water, 2 lks. wide, 3 ins. deep, flows SW.
3.60	Ascent becomes abrupt, bears E. and W.
22.40	Spur, 270 ft. above cor., projects S. 60° W.; descend gradually.
25.70	Draw, 60 ft. below spur, drains S. 60° W.; ascend gradually.
30.20	Spur, 65 ft. above draw, projects N. 70° W.; descend gradually.
37.60	Draw, 20 ft. below spur, drains N. 75° W.; ascend gradually.
40.00	On gentle S. slope, 15 ft. above draw. Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. $\frac{1}{4}$ S31 | S32 1922 From which, A yellow pine, 18 ins. dia., bears N. 25° E., 168 lks. dist., marked ¼ S32 BT. A cedar, 8 ins. dia., bears N. 69° W., 39 lks. dist., marked ¼ S31 BT.
48.00	Spur, 50 ft. above the ¼ sec. cor., projects NW.; descend gradually.
60.00	Little Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of draw, 75 ft. below spur, drains W.; ascend abruptly. Stream heads at a spring 1.00 ch. to the E.
70.00	Ridge, 135 ft. above stream, bears E. and W.; descend gradually.

Chains	
74.00	Draw, 25 ft. below ridge, drains NW.; ascend gradually.
78.70	Ridge which forms the divide bet. Dugout and South Creeks, 15 ft. above draw, bears NW. and SE.; descend gradually.
80.00	On gentle N. slope, 10 ft. below ridge. Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T31S | R10E
S30	S29
S31	S32

1922

From which,

A yellow pine, 28 ins. dia., bears N. 49°15' E., 270 lks. dist., marked T31S R10E S29 BT.

A pinon, 8 ins. dia., bears S. 33°30' E., 315 lks. dist., marked T31S R10E S32 BT.

A yellow pine, 20 ins. dia., bears S. 49° W., 273 lks. dist., marked T31S R10E S31 BT.

A yellow pine, 20 ins. dia., bears N. 34°30' W., 355 lks. dist., marked T31S R10E S30 BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak and sagebrush.

Timber, scattering cedar, pinon, red and yellow pine.

Good grazing.

	East, on random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line, 30 lks. N. of the cor. of secs. 28, 29, 32 and 33.
	Thence,
	N. 89°47' W., on true line bet. secs. 29 and 32.
	Descend abruptly over broken mountainous land through dense aspen, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.

Chains	
2.00	Dugout Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in bottom of gulch, 75 ft. below cor., drains N. 35° W.; ascend abruptly.
21.20	Spur, 200 ft. above stream, projects N. 80° W.; timber becomes scattering, bears N. and S.; descend gradually.
40.01	On gentle NW. slope, 180 ft. below spur. Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

$$\frac{1}{4}\ \frac{S29}{S32}$$

1922

From which,

An aspen, 6 ins. dia., bears N. 19° E., 104 lks. dist., marked ¼ S29 BT.

A red pine, 10 ins. dia., bears S. 41°30' E., 96 lks. dist., marked ¼ S32 BT.

49.20	Head of draw, 180 ft. below the ¼ sec. cor., drains N. 15° W.; ascend gradually.
55.00	Spur, 30 ft. above draw, projects N. 80° W.; descend gradually.
67.20	Draw, 130 ft. below spur, drains N. 70° W.; ascend gradually.
80.02	The cor. of secs. 29, 30, 31 and 32, 35 ft. above draw.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, dense aspen, red and yellow pine on E. portion of mile, scattering aspen red and yellow pine on W. portion.

Good grazing.

Chains	
	West, on random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
77.71	Intersect the W. bdy. of the township, 12 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. dia., firmly set in a mound of stone, with brass cap marked.

T31S
R9E | R10E
S25 | S30
S36 | S31
1911

From which,

A cedar, 12 ins. dia., bears N. 46° E., 4 lks. dist., marked T31S R10E S30 BT.

A pinon, 8 ins. dia., bears S. 32° E., 17 lks. dist., marked T31S R10E S31 BT.

A pinon, 10 ins. dia., bears S. 59° W., 70 lks. dist., marked T31S R9E S36 BT.

A pinon, 5 ins. dia., bears N. 72° W., 22 lks. dist., marked T31S R9E S25 BT.

Thence,

	S. 89°55' E., on true line bet. secs. 30 and 31.
	Ascend abruptly over broken mountainous land through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
11.00	Spur, 340 ft. above cor., projects S.; descend gradually.
13.00	Draw, 20 ft. below spur, drains S. 20° W.; ascend gradually.
21.30	Spur, 65 ft. above draw, projects S. 20° W.; descend gradually.
34.60	Timber becomes scattering, bears NE. and SW.
37.71	In bottom of small draw, 30 ft. below spur, drains SE. Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼ S30
S31
1922

Subdivision of T. 31 S., R. 10 E.

Chains	
	From which,
	A yellow pine, 24 ins. dia., bears N. 73° W., 134 lks. dist., marked ¼ S39 BT.
	A yellow pine, 12 ins. dia., bears S. 74°30' W., 143 lks. dist., marked ¼ S31 BT.
	Thence ascend gradually over rolling land.
70.10	Small draw, 10 ft. deep, drains NW.
75.00	Ridge, which forms the divide bet. Dugout and South Creek 225 ft. above the ¼ sec. cor., bears NW. and SE.; descend gradually.
77.71	The cor. of secs. 29, 30, 31 and 32, 10 ft. below ridge.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar and pinon and scattering yellow pine on W. portion of mile, scattering cedar, pinon and yellow pine on E. portion.
	Good grazing.

	N. 0°03' W., bet. secs. 29 and 30.
	Descend gradually over broken mountainous land through scattering cedar, pinon and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
4.80	Draw, 30 ft. below cor., drains W., 4.00 chs. dist., thence N.; ascend gradually.
8.20	Spur, 60 ft. above draw, projects W., 3.00 chs. dist.; descend gradually.
24.50	Leave timber, bears E. and W.
40.00	At the NW. cor. of a rolling bench, 235 ft. below spur. Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
43.00	Descent becomes abrupt, bears NW. and SE.
51.50	Enter scattering cedar, pinon, aspen and yellow pine timber, bears E. and W.
52.40	Perpendicular bank, 10 ft. high, on S. side of Dugout Creek, bears NW. and SE.
52.70	Dugout Creek, stream of good clear water, 5 lks. wide, 5 ins. deep, in bottom of gulch, 285 ft. below the ¼ sec. cor., drains N. 70° W.; ascend gradually.
55.00	Leave aspen timber, bears E. and W.
59.90	Spring Branch, 2 lks. wide, 2 ins. deep, from spring 5.00 chs. to the SE., flows NW.
64.60	Spur, 50 ft. above Dugout Creek, projects W.; descend gradually.
68.00	Swale, 25 ft. below spur, drains W.; ascend gradually.
80.00	On gentle S. slope, 115 ft. above swale.

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 19, 20, 29 and 30, with brass cap marked.

T31S R10E	
S19	S20
S30	S29

1922

From which,

A pinon, 20 ins. dia., bears N. 53°14' E., 12 lks. dist., marked T31S R10E S20 BT.

A pinon, 14 ins. dia., bears S. 62°45' E., 55 lks. dist., marked T31S R10E S29 BT.

A cedar, 14 ins. dia., bears S. 19°15' W., 5 lks. dist., marked T31S R10E S30 BT.

A pinon, 16 ins. dia., bears N. 71°45' W., 35 lks. dist., marked T31S R10E S19 BT.

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

Chains	
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, scattering cedar, pinon, aspen and yellow pine on portions of miles.
	Good grazing.
	S. 89°47' E., on random line bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 26 lks. S. of the cor. of secs. 20, 21, 28 and 29.
	Thence,
	N. 89°58' W., on true line bet. secs. 20 and 29.
	Ascend abruptly over broken mountainous land through medium dense growth of cedar, pinon, red and yellow pine and scattering undergrowth of oak, buck and sagebrush.
5.00	Timber becomes scattering, bears N. and S.
8.00	Spur, 125 ft. above cor., projects S. 15° W.; descend abruptly; enter scattering aspen, bears N. and S.
10.00	Timber becomes dense, bears N. and S.
21.30	Swale, 205 ft. below spur, drains S. 15° W.; leave aspen timber, bears N. and S.; ascend gradually.
26.00	Spur, 45 ft. above swale, projects S.; timber becomes scattering bears N. and S.; descend gradually.
26.20	Descent becomes abrupt, bears N. and S.
40.00	On steep W. slope, 730 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S20 / S29
	1922
	From which,
	A red pine, 10 ins. dia., bears S. 70° E., 73 lks. dist., marked ¼ S29 BT.
	A cedar, 8 ins. dia., bears N. 19°30' W., 13 lks. dist., marked ¼ S20 BT.

Chains	
46.00	Leave timber, bears NW. and SE.
69.00	Enter medium dense growth of cedar, pinon, and yellow pine.
80.00	The cor. of secs. 19, 20, 29 and 30, 680 ft. below the ¼ sec. cor.
	Land, broken and mountainous with a general southwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, scattering, dense and medium dense, cedar, pinon, aspen, red and yellow pine on portions of mile.
	Good grazing.
	N. 89° 55' W., on random line bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
77.55	Intersect the W. bdy. of the township, 12 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. dia., firmly set in the ground and mound of stone, with brass cap marked.

T31S
R9E | R10E
S24 | S19
S25 | S30
1911

	Witnessed by a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Thence,
	East, on true line bet. secs. 19 and 30.
	Ascend gradually over broken mountainous land through scattering cedar, pinon and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
15.00	Top of ascent, 65 ft. above cor., bears N. and S.; descend gradually.
20.00	Timber becomes dense, bears NW. and S.
37.55	On steep NE. slope, 275 ft. below top of ascent. Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.

Chains	
	$\frac{1}{4}\frac{S19}{S30}$
	1922.
	From which,
	A pinon, 5 ins. dia., bears N. 10°30' W., 7 lks. dist., marked $\frac{1}{4}$ S19 BT.
	A pinon, 7 ins. dia., bears S. 46° E., 52 lks. dist., marked $\frac{1}{4}$ S30 BT.
42.00	Draw, 30 ft. deep, drains N. 30° E.; continue gradual descent.
47.00	Dugout Creek, stream of good clear water, 5 lks. wide, 5 ins. deep, in bottom of gulch, 120 ft. below the $\frac{1}{4}$ sec. cor., drains N. 70° W.; ascend abruptly.
52.00	Slope becomes gradual, bears NW. and SE.
62.00	Slope becomes abrupt, bears NW. and SE.
77.55	The cor. of secs. 19, 20, 29 and 30, 515 ft. above creek.
	Land, broken and mountainous with a general northwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, red and yellow pine on W. 5.00 chs. and E. 67.55 chs. scattering cedar, pinon, red and yellow pine remainder of mile; a few scattering aspen on W. portion of mile.
	Good grazing.
	N. 0°03' W., bet. secs. 19 and 20.
	Ascend abruptly over broken mountainous land through dense cedar, pinon, aspen, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
6.80	Spur, 100 ft. above cor., projects W.; descend gradually.
10.00	Draw, 40 ft. below spur, drains S. 80° W.; ascend gradually.
23.50	Spur, 80 ft. above draw, projects S. 75° W.; descend abruptly.

Chains	
28.10	Stream of good claer water, 4 lks. wide, 3 ins. deep, in bottom of gulch, 85 ft. below spur, drains S. 75° W. into Pistol Creek.
35.00	Spur, 175 ft. above stream, projects SW.; descend abruptly.
40.00	On gentle NW. slope, 15 ft. below spur. Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to bedrock and in a mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S19 | S20

1922

From which,

A pinon, 8 ins. dia., bears N. 29°30' W., 80 lks. dist., marked ¼ S19 BT.

A pinon, 12 ins. dia., bears S. 64°45' E., 25 lks. dist., marked ½ S20 BT.

48.80	Pistol Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of gulch, 100 ft. below the ¼ sec. cor., drains S. 15° W.; ascend abruptly.
69.00	Enter top of spur, 385 ft. above stream projects S. 10° W.; thence along top of spur.
77.00	Leave top of spur, bears S. and N. 15° E.; 180 ft. above point of entering top of spur; descend abruptly.
80.00	On steep W. slope, 25 ft. below spur. Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.

T31S | R10E

S18 | S17

S19 | S20

1922

From which,

A pinon, 6 ins. dia., bears S. 81°15' E., 171 lks. dist., marked T31S R10E S20 BT.

A pinon, 6 ins. dia., bears S. 35°15' W., 156 lks. dist., marked T31S R10E S19 BT.

Chains	
	A pinon limb, 16 ins. dia., bears N. 55°30' W., 150 lks. dist., marked T31S R10E S18 BT.
	No suitable bearing tree to the NE. available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, aspen, red and yellow pine.
	Good grazing.
	S. 89°58' E., on random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect the N. and S. line, 16 lks. S. of the cor. of secs. 16, 17, 20 and 21.
	Thence,
	S. 89°55' W., on true line bet. secs. 17 and 20.
	Descend abruptly over broken mountainous land through medium dense growth of cedar, pinon, aspen, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
2.50	Head of draw, 35 ft. below cor., drains S. 10° E.; ascend gradually.
4.30	Ridge, 35 ft. above draw, bears NE. and SW.; descend abruptly.
23.50	Draw, 10 ft. deep, drains NW; continue abrupt descent.
40.07	On gentle NW. slope, 915 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S17 / S20
	1922
	From which,
	A red pine, 5 ins. dia., bears N. 54° W., 8 lks. dist., marked ¼ S17 BT.

Chains	
	A red pine, 10 ins. dia., bears S. 19° W., 24 lks. dist., marked ¼ S20 BT.
51.50	Draw, 210 ft. below the ¼ sec. cor., drains S. 80° W.; ascend gradually.
62.50	Spur, 20 ft. above draw, projects S. 75° W.; descend abruptly.
67.00	Pistol Creek, stream of good clear water, 4 lks. wide, 3 ins. deep, in bottom of canyon, drains SW.; ascend abruptly.
70.00	Spur, 85 ft. above stream, projects S.; descend abruptly.
71.60	Draw, 65 ft. below spur, drains S. 15° W.; ascend abruptly.
77.20	Spur, 85 ft. above draw, projects S. 15° W.; descend abruptly.
80.14	The cor. of secs. 17, 18, 19 and 20, 65 ft. below spur.
	Land, broken and mountainous with a general southwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, medium dense growth of pinon, cedar, aspen, red and yellow pine.
	Good grazing.

	West, on random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
77.42	Intersect the W. bdy. of the township, 10 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. dia., firmly set in a mound of stone, with brass cap marked.

T31S

R9E	R10E
S13	S18
S24	S19

1911

From which,

A pinon, 13 ins. dia., bears N. 52° E., 71 lks. dist., marked T31S R10E S18 BT.

A pinon, 14 ins. dia., bears S. 65° E., 47 lks.

Chains	
	dist., marked T31S R10E S19 BT.
	A cedar, 10 ins. dia., bears S. 41° W., 59 lks. dist., marked T31S R9E S24 BT.
	A pinon, 12 ins. dia., bears N. 51° W., 67 lks. dist., marked T31S R9E S13 BT.
	Thence,
	S. 89°56' E., on true line bet. secs. 18 and 19.
	Ascend abruptly over broken mountainous land through dense cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
3.00	Perpendicular granite ledge, 50 ft. high, bears N. and S.
10.40	Spur, 260 ft. above cor., projects S.; descend abruptly.
12.40	Draw, 45 ft. below spur, drains S. 15° W.; ascend abruptly.
37.42	On steep S. slope, 280 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	½ S18 / S19
	1922
	From which,
	A pinon, 14 ins. dia., bears N. 53°15' W., 13 lks. dist., marked ½ S18 BT.
	A pinon, 26 ins. dia., bears S. 42° E., 11 lks. dist., marked ½ S19 BT.
58.40	Spur, 250 ft. above draw, projects S.; descend abruptly.
68.00	Draw, 100 ft. below spur, drains S. 10° W.; ascend abruptly.
75.00	Draw, 10 ft. deep, drains SW.; continue abrupt ascent.
77.42	The cor. of secs. 17, 18, 19 and 20, 100 ft. above draw at the 68.00 chs. point.
	Land, broken and mountainous with a general southerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, red and yellow pine.
	Good grazing.

Chains	
	N. 0°03' W., bet. secs. 17 and 18.
	Descend gradually over broken mountainous land through dense cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
1.50	Head of draw, 15 ft. below cor., drains SW.; ascend abruptly.
16.00	Ridge, 100 ft. above draw, bears NE. and SW.; descend gradually.
33.50	Draw, 30 ft. below ridge, drains W.; ascend gradually.
40.00	On gentle SW. slope, 30 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bedrock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S18 | S17 1922
	From which,
	A yellow pine, 16 ins. dia., bears N. 36°30' E., 485 lks. dist., marked $\frac{1}{4}$ S17 BT.
	A yellow pine, 6 ins. dia., bears N. 38°30' W., 365 lks. dist., marked $\frac{1}{4}$ S18 BT.
47.50	Ridge, 75 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradually.
60.20	Draw, 10 ft. deep, drains NW.; continue gradual descent.
69.80	Spur, 20 ft. high, projects W.; continue gradual descent.
75.30	Cedar Creek, stream of good clear water, 20 lks. wide, 6 ins. deep, in bottom of gulch, 365 ft. below ridge, drains W.; ascend abruptly.
80.00	On steep SW. slope, 150 ft. above creek.
	Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground to bedrock and in a mound of stone, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.
	T31S R10E S7 | S8 S18 | S17 1922

Chains	
	From which,
	A pinon, 14 ins. dia., bears N. 14° E., 77 lks. dist., marked T31S R10E S8 BT.
	A pinon, 6 ins. dia., bears S. 21°30' E., 8 lks. dist., marked T31S R10E S17 BT.
	A pinon, 26 ins. dia., bears S. 58°30' W., 35 lks. dist., marked T31S R10E S18 BT.
	A pinon, 5 ins. dia., bears N. 57°45' W., 24 lks. dist., marked T31S R10E S7 BT.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, red and yellow pine.
	Good grazing.
	N. 89°55' E., on random line bet. secs. 8 and 17.
40.00	Set temp. ½ sec. cor.
80.10	Intersect the N. and S. line, at the cor. of secs. 8, 9, 16 and 17.
	Thence,
	S. 89°55' W., on true line bet. secs. 8 and 17.
	Ascend gradually over broken mountainous land through medium dense growth of aspen, cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
22.00	Spur, 105 ft. above cor., projects N. 75° W.; descend abruptly.
30.00	Granite ledge, 50 ft. high, bears N. 75° W. and S. 75° E.
40.05	On gentle W. slope, 650 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ½ sec. cor., with brass cap marked.

$$\frac{1}{4}\ \frac{S8}{S17}$$

1922

Chains	
	From which,
	A red pine, 7 ins. dia., bears N. 10°45' E., 19 lks. dist., marked ¼ S8 BT.
	An aspen, 5 ins. dia., bears S. 34°45' E., 38 lks. dist., marked ¼ S17 BT.
48.60	Cedar Creek, stream of good clear water, 12 lks. wide, 3 ins. deep, in bottom of gulch, 170 ft. below the ¼ secs cor., drains SW.; ascend gradually.
55.30	Trail, bears N. 75° W. and S. 75° E.
60.60	Spur, 45 ft. above creek, projects S.; descend abruptly.
74.50	Draw, 330 ft. below spur, drains S.; ascend gradually.
77.60	Spur, 30 ft. above draw, projects S.; descend gradually.
80.10	The cor. of secs. 7, 8, 17 and 18, 15 ft. below spur.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, medium dense growth of aspen, cedar, pinon, red and yellow pine.
	Good grazing.

	N. 89°56' W., on random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
77.46	Intersect the W. bdy. of the township, 9 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 3 ins. dia., firmly set in the ground and a mound of stone, with brass cap marked.

T31S

R9E |	R10E
S12	S7
S13	S18

1911

	From which,
	A pinon, 10 ins. dia., bears N. 32° E., 152 lks. dist., marked T31S R10E. S7 BT.
	A pinon, 9 ins. dia., bears S. 23° E., 74 lks. dist., marked T31S R10E S18 BT.

Chains	
	A pinon, 5 ins. dia., bears S. 24° W., 32 lks. dist., marked T31S R9E S13 BT.
	A pinon, 5 ins. dia., bears N. 18° W., 17 lks. dist., marked T31S R9E S12 BT.
	Thence,
	S. 89°52' E., on true line bet. secs. 7 and 18.
	Ascend gradually over broken mountainous land through dense growth of aspen, pinon, cedar, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
2.00	Spur, 20 ft. above cor., projects NW.; descend abruptly.
11.20	Draw, 145 ft. below spur, drains N. 10° E.; ascend abruptly.
14.20	Spur, 50 ft. above draw, projects N.; descend abruptly.
35.40	Enter rolling bottom of Cedar Creek Canyon, bears N. 75° W. and S. 75° E.
37.46	In rolling bottom of Cedar Creek Canyon, 150 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked..
	¼ S7 / S18
	1922
	From which,
	A yellow pine, 10 ins. dia., bears N. 9°30' E., 33 lks. dist., marked ¼ S7 BT.
	A yellow pine, 6 ins. dia., bears S. 30°45' E., 45 lks. dist., marked ¼ S18 BT.
45.00	Cedar Creek, stream of good clear water, 5 lks. wide, 4 ins. deep, in bottom of canyon, 80 ft. above the ¼ sec. cor., drains N. 75° W.
46.40	Stream of good clear water, 3 lks. wide, 3 ins. deep, branch of Cedar Creek, drains N. 75° W.
48.30	Leave rolling bottom of Cedar Creek Canyon, bears N. 75° W. and S. 75° E.; ascend abruptly.

Chains	
55.50	Draw, 20 ft. deep, drains S. 15° W.; continue abrupt ascent.
57.50	Enter granite slide rock, bears N. and S.
60.50	Leave granite slide rock, bears NW. and SE.
77.46	The cor. of secs. 7, 8, 17 and 18, 465 ft. above Cedar Creek.
	Land, broken and mountainous with a general northwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense aspen, cedar, pinon, red and yellow pine.
	Good grazing.

N. 0°03' W., bet. secs. 7 and 8.

Ascend abruptly over broken mountainous land through dense cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.

17.00 Spur, 450 ft. above cor., projects SE.; descend gradually.

24.00 Draw, 30 ft. below spur, drains SE.; ascend gradually.

35.70 Ridge, 85 ft. above draw, bears NE. and SW.; descend gradually.

40.00 In head of draw, 15 ft. below ridge.

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

S7 | S8

1922

From which,

A pinon, 12 ins. dia., bears N. 20°30' E., 522 lkr. dist., marked ¼ S8 BT.

A pinon, 20 ins. dia., bears N. 13° W., 460 lkr. dist., marked ¼ S7 BT.

45.00 Spur, 15 ft. above the ¼ sec. cor., projects NE.; descend abruptly.

Chains	
49.50	Head of draw, 160 ft. below spur, drains NW.; continue abrupt descent.
73.50	Swale, 370 ft. below draw, drains W.; small spring of good clear water, bears E., 5.00 chs. dist.; ascend gradually.
80.00	On steep W. slope, 15 ft. above swale; on granite surface rock, mark a cross (X), for exact cor. point, over which Set an iron post, 3 ft. long, 2 ins. dia., in a large mound of stone, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.

T31S R10E	
S6	S5
S7	S8

1922

From which,

A pinon, 8 ins. dia., bears N. 35°30' E., 81 lks. dist., marked T31S R10E S5 BT.

A pinon, 16 ins. dia., bears S. 63°45' E., 11 lks. dist., marked T31S R10E S8 BT.

A pinon, 16 ins. dia., bears S. 73° W., 21 lks. dist., marked T31S R10E S7 BT.

A red pine, 14 ins. dia., bears N. 28°30' W., 79 lks. dist., marked T31S R10E S6 BT.

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

Soil, shallow rocky clay laom, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, dense cedar, pinon, red and yellow pine.

Good grazing.

	N. 89°55' E., on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8 and 9.
	Thence,
	S. 89°52' W., on true line bet. secs. 5 and 8.

Chains	
	Descend abruptly over broken mountainous land through dense cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
10.70	Deep gulch, 370 ft. below cor., drains N.; ascend abruptly.
40.10	On steep E. slope, 825 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S5 / S8 1922
	From which,
	A red pine, 6 ins. dia., bears S. 42° E., 35 lks. dist., marked ¼ S8 BT.
	A red pine, 34 ins. dia., bears N. 58°15' W., 15 lks. dist., marked ¼ S5 BT.
43.40	Ridge, 70 ft. above the ¼ sec, cor., bears N. and S.; descend abruptly.
50.00	Head of gulch, 90 ft. below ridge, drains NW.; continue abrupt descent.
54.00	Ridge, 50 ft. below gulch, bears NW. and SE.; descend abruptly.
80.20	The cor. of secs. 5, 6, 7 and 8, 1280 ft. below ridge.
	Land, broken and mountainous with a general northwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, red and yellow pine.
	Good grazing.
	N. 89°52' W., on random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
77.09	Intersect the W. bdy. of the township, 10 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. dia., firmly set in mound of earth and stone, with brass cap marked.
	T31S / R9E | R10E / S1 | S6 / S12 | S7 / 1911
	From which,
	A pinon, 5 ins. dia., bears N. 34° E., 27 lks. dist., marked T31S R10E S6 BT.
	A pinon, 4 ins. dia., bears S. 40° E., 3 lks. dist., marked T31S R10E S7 BT.
	A pinon, 4 ins. dia., bears S. 20° W., 4 lks. dist., marked T31S R9E S12 BT.

Chains	
	A pinon, 7 ins. dia., bears N. 36° W., 60 lks. dist., marked T31S R9E S1 BT.
	Thence,
	S. 89°48' E., on true line bet. secs. 6 and 7.
	Ascend gradually over broken mountainous land through dense cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
36.00	Ridge, 130 ft. above cor., bears SE. and NW.; descend gradually.
37.09	On steep NE. slope, 15 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. S6 / ¼ / S7 / 1922
	From which,
	A pinon, 10 ins. dia., bears N. 9°30' W., 14 lks. dist., marked ¼ S6 BT.
	A pinon, 12 ins. dia., bears S. 19°30' W., 44 lks. dist., marked ¼ S7 BT.
39.50	Draw, 30 ft. below the ¼ sec. cor., drains NW.; ascend abruptly.
77.09	The cor. of secs. 5, 6, 7 and 8, 1050 ft. above draw.
	Land, broken and mountainous with a general northwesterly exposure and drainage.
	Soil, shallow rocky clay loam, lying on granite bedrock.
	Undergrowth, scattering oak, buck and sagebrush.
	Timber, dense cedar, pinon, red and yellow pine.
	Good grazing.
	N. 0°03' W., bet. secs. 5 and 6.
	Ascend gradually over broken mountainous land through dense cedar, pinon, red and yellow pine timber and scattering undergrowth of oak, buck and sagebrush.
28.40	Ridge, 190 ft. above cor., bears SE. and NW.; descend abruptly.
37.60	Draw, 500 ft. below ridge, drains NW.; ascend abruptly.
39.50	As the true point for the ¼ sec. cor., falls in slide rock where a permanent cor. cannot be set, at this point, on S. edge of slide rock, bears E. and W., 20 ft. above draw

Chains

Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the ¼ sec. cor. secs. 5 and 6, with brass cap marked.

W C
¼
S6 | S5
1922

From which,

A red pine, 14 ins. dia., bears N. 42°45' E., 18 lks. dist., marked WC ¼ S5 BT.

A red pine, 6 ins. dia., bears N. 81° W., 23 lks. dist., marked WC ¼ S6 BT.

40.00 True point for the ½ sec. cor., falls in slide rock, no cor. set.

43.50 Leave slide rock, bears E. and W.

55.70 Ridge, 130 ft. above the witness ½ sec. cor., bears N. 80° W. and S. 80° E.; descend abruptly over steep W. slope.

110.60 In small open sagebrush flat, 1435 ft. below ridge.

Intersect the Sixth Standard Parallel South, 14.76 chs. E. of the standard cor. of secs. 32 and 33, which is an iron post, 3 ins. dia., firmly set in the ground and mound of stone, with brass cap marked.

SC
T30S | R10E
S32 | S33

1911

From which,

A pinon, 6 ins. dia., bears N. 33° E., 220 lks. dist., marked SC T30S R10E S33 BT.

A pinon, 6 ins. dia., bears N. 42° W., 98 lks. dist., marked SC T30S R10E S32 BT.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of secs. 5 and 6, with brass cap marked.

Chains

T30S R10E
S33

T31S	R10E
S6	S5
C	C
1922	

From which,

A pinon, 6 ins. dia., bears S. 28°15' E., 285 lks. dist., marked T31S R10E S5 CC BT.

A pinon, 5 ins. dia., bears S. 42°45' W., 337 lks. dist., marked T31S R10E S6 CC BT.

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

Soil, shallow rocky clay loam, lying on granite bedrock.

Undergrowth, scattering oak, buck and sagebrush.

Timber, dense cedar, pinon, red and yellow pine.

Good grazing.

Latitudes, Departures, And Closing Errors.

Lines designated.	True bearing.	Distances.	Latitudes. N. chs.	Latitudes. S. chs.	Departures. E. chs.	Departures. W. chs.
S.bdy. T31S	R10E West	477.74	.....	.....	.....	477.74
W.bdy. T31S	R10E North	510.65	510.65	.....	.....	.....
6th St.P.S.	R10E East	333.30	.....	.....	333.30	.....
6th St.P.S.	R11E East	84.58	.....	.....	84.58	.....
E.bdy. T31S	R10E South	509.00	.....	509.00	.....	.....
Convergency		.57	.....	.....	.57	.....
			510.65	509.00	478.45	477.74
			509.00		477.74	
Errors in lat. and dep.			1.65		0.71	

General Description of T. 31 S., R. 10 E.

The land embraced in this township, consists of the broken east and west slopes of the main ridge of the Henry Mountains. The highest point on this range of mountains, is Mount Ellen, which is over eleven thousand feet above sea level and is situated in the south half of section nine.

General Description of T. 31 S., R. 10 E.

This range of mountains runs in a southerly direction through the center of the township, entering it on the N. boundary of sec. 4, and leaving it on the S. boundary of sec. 34.

The township in general, is covered with a dense growth of cedar, pinon, aspen, red and yellow pine timber.

Approximately 100,000 cubic feet of saw timber can be obtainedd im the Saw Mill Basin, located in secs. 14 and 15.

A scattering undergrowth of oak, buck and sagebrush, is found throughout the entire township.

The township has a good supply of water, the largest of which is Granite, Bull, Crescent, Dugout and Cedar Creeks. These streams are used for irrigation purposes on ranches located in the townships to the north, east, and west of this one. Numerous other small stream are found throughout the township.

The township is used for a summer grazing range for stock, and is covered with a good growth of grass, making it exceedingly good for this purpose.

A deserted mining camp was found in the Bromide Basin located in secs. 34 and 35. The improvements found in this camp were five log cabins, a five stamp ore mill and about fifteen shafts and tunnels. Indication of gold ore was found throughout this basin. The only other improvements found were two sheep corrals located in secs. 14 and 22. U.S. Mineral Monument No1, of the White Canyon Mining District was found in sec. 34.

No settlers were living on this township at the time of the survey and the only portion of the township suitable for farming is about ten acres located in sec. 14.

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

Elmer L. Smith
U.S. Transitman

Elliott L. Bird
U.S. Surveyor

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BOOK A-455

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Verdin John	1st Chainman
Ralph Chamberlin	1st Chainman
Claude Smith	2nd Chainman
Dilworth S. Woolley	2nd Chainman
Fred Sanford	Flagman
Edward Eliason	Flagman
Joe Wing	Cornerman
Leo R. Walker	Cornerman

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR.

AND U.S. TRANSITMAN.

Elmer L. Smith U.S. Transitman, and

I, We Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 3rd day of February, 191 7, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The east and south

boundaries and subdivision of T. 31 S., R. 10 E.

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.

Salt Lake City, Utah.
February 3, 1923.

E. Elliot Bird
U. S. Surveyor
Elmer L. Smith U.S. Transit

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Apr. 13, 1923.

The foregoing field notes of the survey of the east and south boundaries and the subdivisional lines of Township No. 31 South, Range No. 10 East of the Salt Lake Base and Meridian, Utah;

executed by Elliot Bird and Elmer L. Smith

under his special instructions dated February 3, 1917, 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.

6—2764

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U. S. Surveyor General's Office
FEB 24 1923
SALT LAKE CITY, UTAH

BOOK A-455 : B

FIELD NOTES

OF THE SURVEY OF THE

SOUTH, AND EAST BOUNDARIES AND SUBDIVISION

OF

T. 31 S., R. 11 E.

Of the SALT LAKE BASE AND *Meridian,*

the State of UTAH

EXECUTED BY

ELLIOT BIRD

AND

ELMER L. SMITH

the capacity ~~of~~ ice *of U. S. Surveyor and Transitman, under instructions dated* February 3, *1917,*

ued by the United States Surveyor General to govern surveys included in

oup No. 62, *which were approved by the Commissioner of the General Land*

ice, February 17, *1917*; and assignment instructions dated

y 15, 1922.

Survey commenced August 24, *19* 22.

Survey completed September 20, *19* 22.

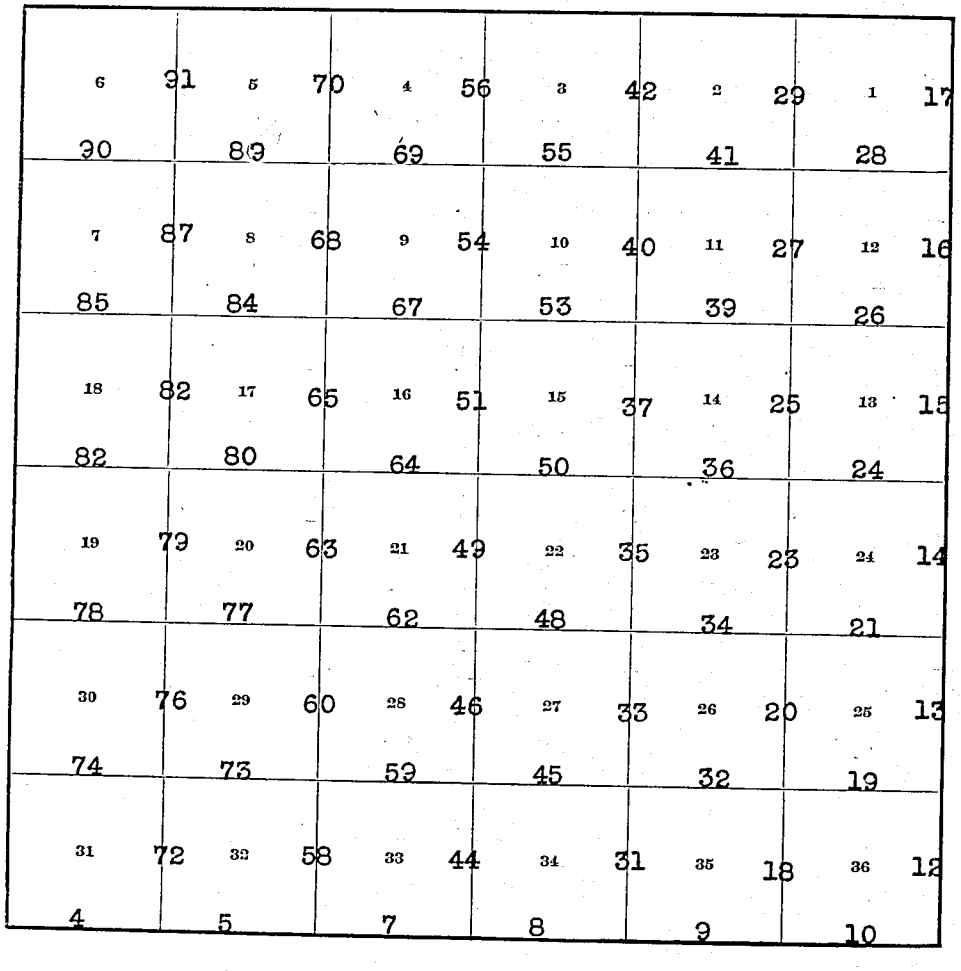
F.I.S. H.F.B.
F.M.S.
V.I.F.

F.M.S. H.F.B.

BOOK A-455

INDEX DIAGRAM.

Township 31 South, *Range* 11 East



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INDEX DIAGRAM.

Township 31 S, Range 11 E

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30 282 280	29 266 279	28 252 265	27 239 251	26 226 238	25 219 225
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Date Diagram of T. 31 S., R. 11 E.

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7 9-1-22 / 9-2-22	8 9-1-22 / 9-2-22	9 9-9-22 / 9-11-22	10 9-13-22 / 9-14-22	11 8-18-22 / 9-18-22	12 9-18-22 / 9-17-22
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31 8-24-22 / 8-25-22	8-25-22 32 8-25-22 / 8-26-22	33 9-6-22 / 9-6-22	34 9-7-22 / 9-9-22	35 9-7-22 / 9-12-22	36 9-8-22 / 9-8-22

All lines dated and colored in black were surveyed by Elliot Bird, U.S. Surveyor.

All lines dated and colored in red were surveyed by Elmer L. Smith, U.S. Transitman.

Survey commenced August 24, 1922, and executed with Young and Sons light mountain transits, Nos. 8531, used by Elliot Bird, U.S. Surveyor, and 8589, used by Elmer L. Smith, U.S. Transitman.

Instruments are equipped with Smith Solar attachments and full vertical circles. The horizontal limbs are provided with two opposite verniers, reading to 1' of arc, which is also the least count of the verniers of

the latitude and declination arcs and the vertical circles.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests, in assignment instructions dated May 15, 1922.

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

Aug. 26, 1922: At our camp situated near the cor. of secs. 3, 4, 9 and 10, approximate latitude 38° 08' N., longitude 110° 44'30" W.; at 9h 19m p.m., l. m. t., We observe Polaris at eastern elongation, and mark a point in the line thus determined, on a peg firmly driven in the ground, about 15.00 chs. to the N. of our station.

Aug. 27, 1922: At 7h. 30m a.m. app. t.; we lay off the azimuth of Polaris, which is 1°25' to the W., and mark the meridian thus determined by a tack in a stake, firmly driven in the ground about 15.00 chs. N. of our station.

At 8h 30m a.m. app. t.; with both instruments in the meridian, we set off 38°08' N.; on the latitude arcs; 10°13' N., on the declination arcs; and determine a meridian with the solars, which we find agrees within 1' of the true meridian.

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

Mean observed altitude	72° 01' 00"
Reduced latitude	38° 08' 00"
Mean watch time of observation	12h 02m p.m.
Watch fast of l.m.t.	0h 00m 23.3s

At app. noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declinations arcs to be 10°09' N., which agrees with the computed declination of the sun.

At 3h 30m p.m. app. t.; with the instruments in the meridian and the latitude arcs unchanged, we set off 10°07' N. on the declination arcs and determine a meridian with the solars which we find agrees within 1' of the true meridian.

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

Both instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on the true meridian determined by observations on Polaris.

At the completion of the survey of this township, we make a final test of the instruments as follows.

Sept. 20, 1922; with both instruments in the meridian established by observations on Polaris, heretofore described; we set off 38°08' N., on the latitude arcs; 1°15' N., on the declination arcs, and at 8h 30m a.m. app. t., we determine a meridian with the solars which agrees with the true meridian.

At app. noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be 1°12' N., which agree with the computed declination of the sun.

At 3h 30m p.m. app. t., with the instruments in the meridian and the latitude arcs unchanged, we set of 1°09' N., on the declination arcs, and determine a meridian with the solars which we find agrees with the true meridian.

Chains

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

Measurements.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 and 8 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.

Survey of the S. bdy. of T. 31 S., R. 11 E.

From the cor. of Ts. 31 and 32 S., Rs. 10 and 11 E., which is an iron post, described by me in the notes pertaining to the survey of T. 31 S., R. 10 E., of this group.

East, bet. secs. 6 and 31.

Descend abruptly over broken mountainous land through dense cedar, pinon and red pine timber and dense undergrowth of oak, buck and sage brush.

2.20 Slate Creek, stream of good clear water, 3 lks. wide, 2 ins. deep, in bottom of gulch, 65 ft. below cor., drains N. 60° E.; ascend gradually.

12.70 Spur, 70 ft. above creek, projects N.; descend gradually.

37.74 On gentle N. slope, 280 ft. below spur; allowing for convergency.

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

S31
¼
S6

1922

From which,

A red pine, 5 ins. diam., bears N. 75° E., 6 lks. dist., marked ¼ S31 BT.

A red pine, 10 ins. diam., bears S. 40° E., 12 lks. dist., marked ¼ S6 BT.

67.00 Slate Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of gulch, 500 ft. below the ¼ sec. cor., drains SE.; ascend abruptly.

77.74 On gentle W. slope, 200 ft. above creek.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.

T31S R11E	
S31	S32
S6	S5

T32S
1922

From which,

A pinon, 8 ins. diam., bears N. 38° E., 75 lks. dist., marked T31S R11E S32 BT.

A pinon, 10 ins. diam., bears S. 5° 30' E., 115 lks. dist., marked T32S R11E S5 BT.

A pinon, 10 ins. diam., bears S. 45° 30' W., 165 lks. dist., marked T32S R11E S6 BT.

A cedar, 6 ins. diam., bears N. 21° W., 50 lks. dist., marked T31S R11E S31 BT.

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

Soil, shallow rocky clay loam.

Undergrowth, dense oak, buck and sage brush.

Timber, dense cedar, pinon and red pine.

Good grazing.

East, bet. secs. 5 and 32.

Ascend gradually over broken mountainous land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

Chains

14.00 Spur, 40 ft. above cor., projects SE.; descend abruptly over broken sandstone ledges.

25.00 Gulch, 200 ft. below spur, drains SE.; ascend abruptly over broken sandstone ledges.

36.50 Spur, 250 ft. above gulch, projects SE.; descend abruptly over broken sandstone ledges.

38.04 As the true point for the ¼ sec. cor. falls in ledges where a permanent cor. cannot be set; at this point on steep E. slope of spur, 35 ft. below top.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the ¼ sec. cor. secs. 5 and 32, with brass cap marked.

$\frac{1}{4}\ \frac{S32}{S5}$ WC

1922

From which,

A pinon, 8 ins. diam., bears S. 2° 30' W., 73 lks. dist., marked WC ¼ S5.BT.

A pinon, 6 ins. diam., bears N. 54° W., 91 lks. dist., marked WC ¼ S32 BT.

40.00 Point for the ¼ sec. cor. falls in ledges, no cor. set.

65.80 Gulch, 340 ft. below the witness ¼ sec. cor., drains SE.; ascend abruptly over broken sandstone ledges.

80.00 Point for the sec. cor. falls in sandstone ledges where a permanent cor. cannot be set; no cor. set.

82.79 On S. point of a sandstone spur, 465 ft. above gulch; mark a cross (X), for exact W.C. point, over which.

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

T31S | R11E
S32 | S33
WC ———
S5 | S4
T32S

1922

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

No suitable bearing trees available.

Chains	
	Land, broken and mountainous with a general southerly exposure and drainage.
	Soil, shallow rocky clay loam.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon.
	Fair grazing.
	From the true point for cor. of secs. 4, 5, 32 and 33.
	East, bet. secs. 4 and 33.
	Over broken sandstone ledges through scattering cedar and pinon timber and scattering undergrowth of sagebrush.
2.79	The witness cor. to the cor. of secs. 4, 5, 32 and 33.
13.30	Bottom of Slate Creek channel on N. edge of stream, 430 ft. below the witness cor., flows from S. 70° W. to S. 70° E.; ascend abruptly over broken N. breaks of Slate Creek.
40.00	True point for the ¼ sec. cor. falls in sandstone ledges where a permanent cor. cannot be set; no cor. set.
46.33	On sandstone spur, 300 ft. above Slate Creek, projects SE.; mark a cross (X) at the exact witness cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the ¼ sec. cor. of secs. 4 and 33, with brass cap marked.
	$WC\ \frac{1}{4}\ \frac{S33}{S4}$
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees available.
	Thence descend abruptly over sandstone ledges.
62.00	Gulch, 300 ft. below the witness ¼ sec. cor., drains SE.; ascend abruptly over sandstone ledges.
80.00	On broken W. slope of sandstone reef, 400 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

Chains	
	T31S | R11E S33 | S34 --- S4 | S3 T32S 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No suitable bearing trees available.
	Land, broken by sandstone ledges, with general southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering sagebrush.
	Timber, scattering cedar and pinon.
	Fair grazing.
	East, bet. secs. 3 and 34.
	Ascend abruptly over broken W. slope of sandstone reef through scattering cedar and pinon timber and scatterin undergrowth of black and sage brush.
5.30	Sandstone ledge, 70 ft. high, bears N. and S.
7.50	Top of sandstone reef, 300 ft. above cor., bears N. and S. descend abruptly over broken E. slope of reef.
23.00	Gulch, 200 ft. below top of reef, drains S. 20° E.; ascend abruptly.
29.60	Spur, 200 ft. above gulch, projects S. 30° E.; descend abruptly.
40.00	On steep NE. slope of spur, 200 ft. below top.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. ¼ S34 / S3 1922
	From which,
	A cedar, 12 ins. diam., bears N. 25° E., 50 lks. dist., marked ¼ S34 BT.
	A pinon, 5 ins. diam., bears S. 87°15' E., 32 lks. dist., marked ¼ S3 BT.

Chains	
42.20	Draw, 30 ft. below spur, drains S. 60°E., ascend gradually.
58.20	Spur, 60 ft. above draw, projects S. 20° E., descend abruptly.
63.50	Gulch, 170 ft. below spur, drains SE.; ascend abruptly.
68.00	Spur, 100 ft. above gulch, projects SE.; descend gradually.
80.00	On gentle NW. slope, 60 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 2, 3, 34 and 35, with brass cap marked.

T31S \| R11E
S34 \| S35

S3 \| S2
T32S
1922

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

No suitable bearing trees available.

Land, broken by sandstone ledges with a general southeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering black and sage brush.

Timber, scattering cedar and pinon.

Good grazing.

East, bet. secs. 2 and 35.

Descend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of black and sage brush.

11.70	Wash, 50 lks. wide, 4 ft. deep, 100 ft. below cor., drains SE.; ascend gradually.
16.00	Spur, 40 ft. above wash, projects SE.; descend gradually.
40.00	On gentle E. slope, 50 ft. below spur.

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

¼ S35

S2

1922

Chains	
	No suitable bearing trees available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor
46.00	Head of draw, 25 ft. below the ¼ sec. cor., drains SE.; ascend gradually.
70.00	Ridge, 30 ft. above draw, bears NW. and SE.; descend gradually.
80.00	On gentle NE. slope, 40 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked .

T31S R11E
S35 | S36
S2 | S1
T32S
1922

	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor
	No suitable bearing trees available.
	Land, broken by sandstone ledges with a general southeaste exposure and drainage.
	Soil, shallow gravelly loam, mixed with loose sandstone.
	Undergrowth, scattering black and sage brush.
	Timber, scattering cedar and pinon.
	Good grazing.
	East, bet. secs. 1 and 36.
	Descend gradually over rolling land through scattering cedar and pinon timber and scattering undergrowth of black and sage brush.
6.00	Wash, 50 lks. wide, 30 ft. deep, drains S. 70° E.
13.00	Road, bears N. 20° E. to Bromide Basin and S. 20° W. to South Mountain.
14.40	Spur, 40 ft. high, projects S. 20° W.
18.00	Crescent Creek, stream of good clear water, 10 lks. wide, 3 ins. deep, in channel, 2.00 chs. wide, 40 ft. deep, drains S. 20° E.; ascend abruptly.
31.00	Spur, 160 ft. above creek, projects SE.; descend gradually.
40.00	On gentle E. slope, 30 ft. below spur.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S36 / S1 / 1922

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

No suitable bearing trees available.

54.70 Draw, 3.00 chs. wide, 200 ft. deep, drains S. 10° E.

67.40 Spur, 40 ft. high, projects S. 20° E.

73.00 Top of abrupt descent over sandstone rimrock, bears NE. and SW.

77.70 Gulch, 300 ft. below top of rimrock, drains S. 20° E.; ascend abrupt W. slope.

80.00 On steep W. slope, 40 ft. above gulch.

Set an iron post, 3 ft. long, 3 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for cor. of Ts. 31 and 32 S., Rs. 11 and 12 E., with brass cap marked.

T31S
R11E | R12E
S36	S31
S1	S6
T32S
1922

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

No suitable bearing trees available or place to the S. of cor. where a permanent mound could be erected.

Land, rolling with a general southeasterly exposure and drainage.

Soil, shallow gravelly loam, mixed with loose sandstone.

Undergrowth, scattering black and sage brush.

Timber, scattering cedar and pinon.

Good grazing.

Chains	
	From the cor. of Ts. 31 and 32 S., Rs. 11 and 12 E.
	North, bet. secs. 31 and 36.
	Ascend abruptly over broken sandstone ledges through scattering cedar and pinon timber and scattering undergrowth of black and sage brush.
4.00	Top of sandstone rimrock, 200 ft. above cor., bears NW. and SE.; thence ascend gradually over rolling land.
40.00	At top of abrupt descent over sandstone rimrock, bears E. and W.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S36 | S31 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
	No suitable bearing trees available.
51.70	Gulch, 400 ft. below the ¼ sec. cor., drains E.; ascend abruptly over sandstone rimrock.
63.00	Top of sandstone rimrock, 400 ft. above gulch, bears E. and W.; ascend gradually over rolling land.
80.00	On gentle S. slope, near top of ridge, 170 ft. above rim
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.
	T31S R11E | R12E S25 | S30 S36 | S31 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
	No suitable bearing trees available.
	Land, broken by sandstone rimrock with a general easterly exposure and drainage.
	Soil, shallow gravelly loam, mixed with loose sandstone.
	Undergrowth, scattering black and sagebrush.
	Timber, scattering cedar and pinon. Fair grazing.

Chains	
.00	North, bet. secs. 25 and 30.
	Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
3.00	Ridge, 30 ft. above cor., bears E. and W.; descend gradually.
21.40	Draw, 50 ft. below ridge, drains N. 80° E.; ascend abruptly.
29.00	Spur, 150 ft. above draw, projects E.; descend abruptly over broken sandstone ledges.
37.50	Gulch, 150 ft. below spur, drains E.; ascend abruptly.
40.00	At base of sandstone ledges, 30 ft. above gulch, bears E. and W.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S25 | S30 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No suitable bearing trees available.
.00	Thence, ascend abruptly over sandstone ledges.
51.00	Leave ledges at top of ridge, 200 ft. above the ¼ sec. cor., bears E. and W.; descend abruptly.
61.60	Gulch, 200 ft. below ridge, drains E.; ascend abruptly.
70.00	Spur, 200 ft. above gulch, projects E.; descend abruptly.
74.50	Draw, 75 ft. below spur, drains E.; ascend abruptly.
79.00	Spur, 180 ft. above draw, projects E.; descend abruptly.
80.00	On steep N. slope of spur, 30 ft. below top.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.
	T31S R11E | R12E S24 | S19 --- S25 | S30 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Chains

No suitable bearing trees available.

Land, broken with a general easterly exposure and drainag

Soil, shallow gravelly loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Good grazing.

North, bet. secs. 19 and 24.

Descend abruptly over broken land through scattering undergrowth of shadscale, black and sage brush.

12.20 Gulch, 300 ft. below cor., drains E.; ascend abruptly.

34.00 Ridge, 380 ft. above gulch, bears E. and W.; descend gradually.

40.00 On gentle N. slope of ridge, 60 ft. below top.

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

¼

S24 | S19

1922

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

44.70 Draw, 40 ft. below the ¼ sec. cor., drains E.; ascend abruptly.

62.00 Ridge, 270 ft. above draw, bears E. and W.; descend abruptly.

77.00 Draw, 300 ft. below ridge, drains NE.; ascend abruptly.

80.00 On top of spur, 45 ft. above draw, projects N. 20° E.

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

T31S

R11E | R12E

S13 | S18

S24 | S19

1922

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

Land, broken with a general easterly exposure and drainage.

Soil, shallow gravelly loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

No timber. Good grazing.

Chains	
	North, bet. secs. 13 and 18.
	Descend abruptly over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
12.50	Gulch, 150 ft. below cor., drains NE.; ascend gradually.
40.00	On sandstone surfacerock, 130 ft. above gulch, mark a cross (X), at exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S13 | S18 1922
	From which,
	A lone, cedar, 14 ins. diam., bears S. 66° E., 31 lks. dist., marked ¼ S18 BT.
	No other suitable bearing tree available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
54.50	Spur, 100 ft. above the ¼ sec. cor., projects N. 30° E.; descend abruptly.
60.00	Road, bears W. to Hanksville, Ut. and E. to South Mountain.
69.00	Gulch, 200 ft. below spur, drains E.; ascend gradually.
80.00	On spur, 40 ft. above gulch, projects E.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked.
	T31S R11E | R12E S12 | S7 S13 | S18 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No suitable bearing trees available.
	Land, broken with a general easterly exposure and drainage.
	Soil, shallow gravelly loam, lying on sandstone bedrock.
	Undergrowth, scattering shadscale and black and sage brush.
	Timber, scattering cedar and pinon.
	Good grazing.

Chains	
	North, bet. secs. 7 and 12.
	Descend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.
21.50	Draw, 100 ft. below cor., drains E.; ascend gradually.
34.20	Spur, 170 ft. above draw, projects N. 80° E.; descend gradually.
40.00	On gentle E. slope, 75 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S12 | S7 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor
46.30	Draw, 30 ft. below the ¼ sec. cor., drains E.; ascend gradually.
50.00	Ridge, 20 ft. above draw, bears E. and W.; descend gradually.
51.50	Draw, 20 ft. below ridge, drains N. 80° E.; ascend gradually.
61.20	Enter rolling top of bench, 90 ft. above draw, bears E. and W.
66.20	Trail, bears E. and W.
75.00	Leave rolling top of bench, bears NE. and SW.; descend gradually.
80.00	On broken land, 90 ft. below bench.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 1, 6, 7 and 12, with brass cap marked.
	T31S R11E | R12E S1 | S6 S12 | S7 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken with a general easterly exposure and drainage.
	Soil, shallow sandy loam,

Chains	
	Undergrowth, scattering shadscale, black and sage brush.
	No timber.
	Good grazing.
	North, bet. secs. 1 and 6.
	Descend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.
19.00	Swale, 100 ft. below cor., drains SE.; ascend gradually.
40.00	On gentle S. slope, 50 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S1 | S6 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
47.00	Base of abrupt ascent to top of bench, bears SE. and NW.
48.50	Top of bench, 50 ft. above the ¼ sec. cor., bears NW. and SE.; thence over rolling top of bench.
75.50	Leave top of bench, bears E. and W.; descend abruptly.
96.00	Swale, 175 ft. below top of bench, drains N. 80° E.; thence over level land.
109.52	Intersect the Sixth Standard Parallel South, W., 3.35 chs. dist. from the standard cor. of secs. 31 and 32, T. 30 S., R. 12 E., which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap marked.
	SC T30S | R12E S31 | S32 1921
	Witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	At point of intersection.
	Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. of T. 31 S., Rs. 11 and 12 E., with brass cap marked.

Chains

T30S R11E
S31

S1 | S6
R11E | R12E
T31S

CC
1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of c
Land, broken with a general northeasterly exposure and drainage.

Soil, shallow gravelly loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

No timber.

Fair grazing.

Subdivision of T. 31 S., R. 11 E.

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

N. 0° 01' W., bet. secs. 35 and 36.

Ascend gradually over rolling land through scattering undergrowth of shadscale, black and sage brush.

5.50 Wash, 75 lks. wide, 20 ft. deep, drains SE.

29.20 Spur, 75 ft. high, projects SE.

34.50 Road, bears NW. to Bromide Basin and SE. to South Mountai

40.00 On steep E. slope of Crescent Creek channel.

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

¼

S35 | S36

1922

From which,

A cottonwood, 14 ins. diam., bears N. 5°30' E., 290 lks. dist., marked ¼ S36 BT.

A cottonwood, 8 ins. diam., bears N. 2°30' W., 300 lks. dist., marked ¼ S35 BT.

43.00 Crescent Creek, stream of good clear water, 6 lks. wide, 3 ins. deep, in channel, 3.00 chs. wide, 50 ft. deep, drains S. 20°E.; scattering cottonwood trees along

Chains	
	bottom of creek channel; ascend gradually along bottom of creek channel.
54.00	Recross Crescent Creek, drains S. 20° W.
66.00	Recross Crescent Creek, drains S. 20° E.
78.50	West point of spur, 50 ft. high,
80.00	In bottom of Crescent Creek channel, on E. side of stream. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap marked.

T31S S26	R11E S25
S35	S36

1922

From which,

A lone cedar, 10 ins. diam., bears N. 36°30' E., 274 lks. dist., marked T31S R11E S25 BT.

A cottonwood, 6 ins. diam,, bears N. 74° W., 148 lks. dist., marked T31S R11E S26 BT.

No other bearing trees available.

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

Land, rolling with a general southerly exposure and drainage.

Soil, shallow gravelly loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cottonwood along bottom of Crescent Creek channel.

Good grazing.

	East, on random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the E. bdy. of the township, 18 lks. N. of the cor. of secs. 25, 30, 31 and 36.
	Thence,
	N. 89° 52' W., on true line bet. secs. 25 and 36.
	Descend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

Chains	
22.00	Draw, 40 ft. below cor., drains SE.; ascend gradually.
30.00	Spur, 80 ft. above draw, projects SE.; descend gradually.
40.01	On gentle S. slope, 45 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S25 / S36 / 1922
	From which,
	A cedar, 8 ins. diam., bears S. 39°30' E., 112 lks. dist., marked ¼ S36 BT.
	A cedar, 10 ins. dia., bears N. 64°30' W., 100 lks. dist., marked ¼ S25 BT.
59.70	Draw, 40 ft. below the ¼ sec. cor., drains SE.; ascend gradually.
75.50	Old ditch used for placer mining, drains S.
78.00	Spur, 20 ft. above draw, projects S.; descend abruptly into Crescent Creek channel.
80.02	The cor. of secs. 25, 26, 35 and 36, 25 ft. below spur.
	Land, broken with a general southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Good grazing.
	N. 0°01' W., bet. secs. 25 and 26.
	Ascend gradually along rolling bottom of Crescent Creek channel through scattering undergrowth of shadscale, black and sage brush.
3.50	Leave rolling bottom of creek channel and ascend gradual S. slope.
12.20	Ditch used for placer mining, drains E.
28.50	Ridge, 200 ft. above cor., bears N. 70° W. and S. 70° E.; descend gradually.

Chains	
35.00	Draw, 50 ft. below ridge, drains S. 80° E.; ascend abruptly.
38.00	Enter rolling top of bench, 45 ft. above draw, bears E. and W.
40.00	On rolling top of bench.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S26 | S25 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
52.00	Leave rolling top of bench, bears E. and W. and descend abrupt N. slope.
75.00	Draw, 160 ft. below bench, drains N. 80° E.; ascend gradually.
80.00	On low spur, 60 ft. above draw, projects SE.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked.
	T31SS | R11E S23 | S24 S26 | S25 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general southerly and northerly exposure and drainage.
	Soil, shallow gravelly loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sagebrush.
	No timber.
	Fair grazing.
	S. 89°52' E., on random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the E. bdy. of the township, at the cor. of secs. 19, 24, 25 and 30.
	Thence,
	N. 89°52' W., on true line bet. secs. 24 and 25.

Chains	
	Ascend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.
12.00	The NE. point of spur, 40 ft. above cor.; descend abruptly. over sandstone ledges.
17.60	Sandstone ledge, 40 ft. high, bears NE. and SW.
35.50	Sandstone ledge, 20 ft. high, bears NE. and SW.
39.40	Wash, 50 lks. wide, 5 ft. deep, 160 ft. below spur, drains N. 80° E.
40.00	On N. side of wash.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	S24 ¼ S25 1922
	Deposited a memorial at base of monument, which is a sandstone, 8x 8 x 8 ins., marked with a cross (X).
	No other accessories available and pits impracticable.
44.00	Wash, same as last, drains S. 85° E.; ascend gradually.
52.00	Small spring of good clear water, bears NW., 50 lks. dist.; spring is in a dense undergrowth of willow and scattering cottonwood timber.
62.00	Same wash as last, 40 lks. wide, 4 ft. deep, drains N. 85° E.
80.00	The cor. of secs. 23, 24, 25 and 26, 230 ft. above the ¼ sec. cor.
	Land, broken with a general northerly exposure and drainage.
	Soil, shallow rocky clay loam.
	Undergrowth, scattering shadscale, black and sage brush.
	No timber.
	Good grazing.

Chains	
	N. 0°01' W., bet. secs. 23 and 24.
	Descend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.
9.20	Wash, 20 lks. wide, 4 ft. deep, 45 ft. below cor., drains E.; ascend gradually.
19.00	Spur, 60 ft. above wash, projects SE.; descend gradually.
24.00	Draw, 50 ft. below spur, drains SE.; ascend gradually.
35.30	Spur, 170 ft. above draw, projects S. 75° E.; descend gradually.
36.00	Head of draw, 15 ft. below spur, drains E.; ascend gradually.
37.80	Spur, 15 ft. above draw, projects E.; descend gradually.
40.00	On gentle N. slope of spur, 15 ft. below top.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S23 | S24 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
43.20	Head of draw, 15 ft. below the ¼ sec. cor., drains E.; ascend gradually.
45.00	Ridge, 35 ft. above draw, bears N. 70° E. and S. 70° W.; descend gradually.
54.00	Draw, 15 ft. deep, drains N. 15° E.; continue gradual descent.
74.00	Gulch, with perpendicular walls 30 ft. high, 160 ft. below ridge, drains E.; ascend abruptly.
78.00	Spur, 90 ft. above gulch, projects S. 60° E.; descend gradually.
80.00	On gentle NE. slope, 20 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 13, 14, 23 and 24, with brass cap marked.
	T31S | R11E S14 | S13 S23 | S24 1922

Chains

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of c
Land, broken with a general easterly exposure and drains
Soil, shallow sandy loam, mixed with loose sandstone.
Undergrowth; scattering shadscale, black and sage brush.
No timber.
Fair grazing.

S. 89°52' E., on random line bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

73.28 Intersect the E. bdy. of the township, 10 lks. N. of the cor. of secs. 13, 18, 19, and 24.

Thence,

N. 89°48' E., on true line bet. secs. 13 and 24.

Descend abruptly over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

6.50 Gulch, 120 ft. below cor., drains N. 15° E.; ascend abruptly.

20.50 Spur, 215 ft. above gulch, projects SW.; descend gradually.

21.00 Draw, 18 ft. below spur, drains SE.; ascend gradually.

32.00 On gentle SE. slope, 40 ft. above draw.

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

313
324
1922

From which,

A cedar, 6 ins. diam., bears N. 30°15' E., 59 lks. dist., marked ¼ 313 BT.

A cedar, 6 ins. diam., bears S. 50°15' W., 73 lks. dist., marked ¼ 324 BT.

46.00 Spur, 35 ft. above the ¼ sec. cor., projects N. 10° E.; descend gradually.

55.00 Head of draw, 50 ft. below spur, drains NE.; ascend gradually.

65.00 Ridge, 20 ft. above draw, bears NE. and SE.; descend

Chains	
	gradually.
66.00	Draw, 20 ft. below ridge, drains SW., 3.00 chs. thence, S.; ascend gradually.
70.00	The SE. point of spur, 15 ft. above draw; descend gradually.
75.70	Draw, 15 ft. below point of spur, drains SE.; ascend gradually.
79.98	The cor. of secs. 13, 14, 23 and 24, 70 ft. above draw.
	Land, broken, with a general southeasterly exposure and drainage.
	Soil, shallow clay loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.

N. 0°01' W., bet. secs. 13 and 14.

Descend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.

2.30	Draw, 50 ft. below cor., drains SE.; ascend gradually.
5.00	Spur, 65 ft. above draw, projects SE.; descend gradually.
8.00	Draw, 15 ft. below spur, drains S. 20° E.; ascend gradually.
15.00	Base of bench, bears NE. and SW.; ascend becomes more abrupt.
18.30	Top of bench, bears NE. and SW.; thence over rolling top of bench.
23.30	Draw, 12 ft. deep, drains NE.
33.30	Leave top of bench, bears NE. and SW.; descend gradually.
39.70	Draw, 35 ft. below top of bench, drains NE.; ascend gradually.
40.00	On gentle SW. slope, 10 ft. above draw.

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

S14	S13

1922

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
48.20	Wash, 20 lks. wide, 3 ft. deep, drains E.
50.80	Ridge, 40 ft. above the ¼ sec. cor., bears NE. and SW.; descend gradually.
52.20	Draw, 15 ft. below ridge, drains N. 60° E.; ascend gradually.
58.70	Spur, 25 ft. above draw, projects N. 60° E.; descend gradually.
62.20	Draw, 20 ft. below spur, drains E.; ascend gradually.
68.60	Spur, 25 ft. above draw, projects S. 80° E.; road on top of spur, bears S. 80° E. to Hanksville, Ut. and N. 80° W to Bromide Basin; descend gradually.
73.00	Swale, 15 ft. below spur, drains E.; continue gradual descent.
80.00	On sandstone surfacerock, 20 ft. below swale; mark a cross (X), at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 11, 12, 13 and 14, with brass cap marked.

T31S S11	R11E S12
S14	S13

1922

Land, broken, with a general easterly exposure and drainage
Soil, shallow sandy loam, mixed with loose sandstone.
Undergrowth, scattering shadscale, black and sage brush.
No timber.
Fair grazing.

S.89° 48' E., on random line bet. secs. 12 and 13.

40.00	Set temp. ¼ sec. cor.
79.98	Intersect the E. bdy. of the township, 5 lks. S. of the cor. of secs. 7, 12, 13 and 18.

Thence,

N. 89° 50' W., on true line bet. secs. 12 and 13.

Ascend gradually over broken land through scattering undergrowth of shadscale and sagebrush.

Chains	
13.00	Road, bears N. 15° E. to Hanksville, Ut. and S. 15° W. to Bromide Basin, or South Mountain.
21.80	Spur, 160 ft. above cor., projects N. 15° E.; descend gradually.
30.30	Swale, 210 ft. below spur, drains N. 15° E.; ascend gradually.
39.99	On gentle SE. slope, 35 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S12 / ¼ / S13
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
40.50	Spur, 10 ft. above the ¼ sec. cor., projects NE.; descend gradually.
42.50	Draw, 15 ft. below spur, drains NE.; ascend gradually.
48.50	Spur, 60 ft. above draw, projects NE.; descend gradually.
51.80	Road, bears NE. to Hanksville, Ut. and SW. to Bromide Basin.
66.40	Draw, 210 ft. below spur, drains N. 75° E.; ascend gradually.
79.98	The cor. of secs. 11, 12, 13 and 14, 45 ft. above draw.
	Land, broken, with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 0° 01' W., bet. secs. 11 and 12.
	Descend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.
18.20	Wash, 20 lks. wide, 6 ft. deep, drains N. 80° E.; 75 ft. below cor.; ascend gradually.
33.30	Ridge, 65 ft. above wash, bears N. 80° E. and S. 80° W.; descend gradually.
40.00	On top of spur, 50 ft. below ridge, projects NE.

Chains

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

S11	S12

1922

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

56.00 Gulch, 70 ft. below the ¼ sec. cor., drains E.; ascend gradually.

68.30 Spur, 100 ft. above gulch, projects E.; descend gradually

77.00 Swale, 150 ft. below spur, drains N. 80° E.; ascend gradually.

80.00 On sandstone surfacerock, 15 ft. above swale; mark a cros (X) at the exact cor. point, over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

T31S S2	R11E S1
S11	S12

1922

Land, broken, with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

No timber.

Fair grazing.

S. 89° 50' E., on random line bet. secs. 1 and 12.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect the E. bdy. of the township, at the cor. of secs. 1, 6, 7 and 12.

Thence,

N. 89° 50' W., on true line bet. secs. 1 and 12.

Descend gradually over broken land through scattering undergrowth of shadscale and sage brush.

10.80 Swale, 50 ft. below cor., drains NE.; ascend gradually.

Chains	
21.00	Top of sandstone rimrock, 180 ft. above swale, bears N. and S.; descend gradually over rolling top of bench.
35.00	Road, bears N. 15° W. to Hanksville, Ut. and S. 15° E. to South Mountain.
39.70	Draw, 60 ft. below sandstone rimrock, drains N.; leave rolling bench, bears N. and S.; ascend gradually.
40.03	On gentle E. slope, 10 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. S1 / ¼ / S12 / 1922 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
47.00	Spur, 50 ft. above the ¼ sec. cor., projects N.; descend gradually.
58.40	Draw, 125 ft. below spur, drains NE.; ascend gradually.
80.06	The cor. of secs. 1, 2, 11 and 12, 45 ft. above draw. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow sandy loam, mixed with loose sandstone. Undergrowth, scattering shadscale and sagebrush. No timber. Fair grazing.

N. 0° 01' W., bet. secs. 1 and 2.

Descend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

.50	Spur, 10 ft. above cor., projects N. 80° E.; descend gradually.
7.00	Wash, 30 lks. wide, 3 ft. deep, 40 ft. below spur, drains E.; ascend gradually.
31.20	Ridge, 75 ft. above wash, bears E. and W.; descend gradually.

38.00 Road, bears NW. to Hanksville, Ut. and SE. to South Mountain.

40.00 On broken land, 35 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$

S2 | S1

1922

From which,

A cedar, 12 ins. diam., bears N. 14°30' E., 117 lks. dist., marked $\frac{1}{4}$ S1 BT.

A cedar, 8 ins. diam., bears N. 36°30' W., 117 lks. dist., marked $\frac{1}{4}$ S2 BT.

Raise a mound, 2 ft. base, 1½ ft. high, of stone, W. of cor. as an additional accessory.

40.50 Wash, 40 lks. wide, 3 ft. deep, 10 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradually.

57.00 Ascent becomes abrupt, bears E. and W.

63.00 Spur, 200 ft. above the $\frac{1}{4}$ sec. cor., projects S. 85° E.; descend abruptly.

85.80 Draw, 175 ft. below spur, drains SE.; ascend gradually.

109.46 Intersect the Sixth Standard Parallel South, W., 353 lks. dist., from the standard cor. of T. 30 S., Rs. 11 and 12 E., which is an iron post, 3 ins. diam., firmly set in a mound of stone, with brass cap marked.

S C

T30S

R11E | R12E

S36 | S31

1919

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

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of secs. 1 and 2, with brass cap marked.

Chains	
	T30S R11E S36 S2 | S1 T31S | R11E C | C 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. No suitable bearing trees available.
	Land, broken with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon .
	Fair grazing.
	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township.
	N. 0° 01' W., bet. secs. 34 and 35.
	Ascend gradually over broken SE. slope of sandstone reef through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
10.20	Wash, 60 lks. wide, 10 ft. deep, drains SE.
32.00	Spur, 340 ft. above cor., projects SE.; continue ascent.
40.00	On gentle SE. slope, 80 ft. above spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S34 | S35 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No suitable bearing trees available.
68.00	Top of sandstone reef, 400 ft. above the ¼ sec. cor., bears NE. and SW.; descend abruptly over broken sandstone ledges.
69.00	Perpendicular sandstone ledge, 100 ft. high, bears NE. and SW.
79.80	Old canal, 20 lks. wide, 4 ft. deep, drains N. 20° E.
80.00	On W. bank of canal, 340 ft. below top of reef.

Chains

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

T31S | R11E	
S27	S26
S34	S35

1922

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

No suitable bearing trees available.

Land, broken with a general southeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

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

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence,

N. 89° 58' W., on true line bet. secs. 26 and 35.

Ascend gradually over rolling land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

2.00 Crescent Creek, stream of good clear water, 5 lks. wide, 4 ins. deep, drains S. 20° E.

9.40 Enter rolling top of bench, 15 ft. above cor., bears N. and S.; thence over rolling bench land.

16.00 Road, bears N. to Bromide Basin and S. to South Mountain.

27.80 Wash, 75 lks. wide, 10 ft. deep, drains S.

40.00 On W. edge of bench, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S26 / S35

1922

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees available.
	Thence ascend abrupt SE. slope of sandstone reef.
74.70	Top of sandstone reef, 430 ft. above the ¼ sec. cor., bears NE. and SW.; thence descend abruptly over nearly perpendicular sandstone ledges.
79.80	Old canal, 20 lks. wide, 5 ft. deep, drains N. 20° E.
80.00	The cor. of secs. 26, 27, 34 and 35, 380 ft. below top of reef.
	Land, broken with a general southeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.
	N. 0° 01' W., bet. secs. 26 and 27.
	Descend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
5.70	Crescent Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, 80 ft. below cor., drains N. 20° E.; ascend gradually.
18.70	Road, bears NE. to South Mountain and SW. to Bromide Basin.
26.00	Spur, 80 ft. above creek, projects E.; descend gradually.
29.30	Draw, 120 ft. below spur, drains E.; leave timber, bears E. and W.; ascend gradually.
40.00	On gentle SE. slope, 60 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S27 | S26 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
43.50	Spur, 50 ft. above the ¼ sec. cor., projects S. 80° E.; descend gradually.

Subdivision of T. 31 S., R. 11 E.

Chains	
80.00	In bottom of draw, 85 ft. below spur, drains NE. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in t ground to bedrock and in a mound of stone, for cor. of secs. 22, 23, 26 and 27, with brass cap marked.

T31S | R11E
S22 | S23
S27 | S26

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
Land, broken with a general easterly exposure and drainage
Soil, shallow sandy loam, mixed with loose sandstone.
Undergrowth, scattering shadscale, black and sage brush.
Timber, scattering cedar and pinon on S. portion of mile.
Fair grazing .

S. 89° 58' E., on random line bet. secs. 23 and 26.

40.00	Set temp. ¼ sec. cor.
79.64	Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence,

S. 89° 57' W., on true line bet. secs. 23 and 26.
Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

18.00	Draw, 40 ft. above cor., drains SE.; continue gradual ascent.
23.60	Same draw, 20 ft. above last crossing, drains NE.; continue gradual ascent.
39.82	On sandstone surfacerock, 215 ft. above draw; mark a cross (X), at the exact cor. point, over which. Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S23
S26

1922

From which,

Chains	
	A pinon, 6 ins. diam., bears N. 31° 45' E., 117 lks. dist., marked $\frac{1}{4}$ S23 BT.
	A pinon, 7 ins. diam., bears S. 9° 30' E., 117 lks. dist., marked $\frac{1}{4}$ S26 BT.
44.60	Spur, 30 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend gradually.
51.00	Sandstone ledge, 50 ft. high, bears NW. and SE.
60.00	Same draw as that crossed at the 23.60 chs. point, 140 ft. below spur, drains SW.; ascend gradually.
71.00	Trail, bears NW. and SE.; leave timber, bears N. and S.
79.64	The cor. of secs. 22, 23, 26 and 27, 60 ft. above draw.
	Land, broken with a general easterly exposure and drainage.
	Soil, shallow blue clay loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon on E. 71.00 chs.
	Fair grazing.

	N. 0° 01' W., bet. secs. 22 and 23.
	Ascend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.
5.50	Spur, 65 ft. above cor., projects E.; descend gradually.
11.50	Draw, 40 ft. below spur, drains S. 75° E.; ascend gradually.
18.20	Ridge, 50 ft. above draw, bears N. 80° E. and S. 80° W.; descend gradually.
34.60	Draw, 25 ft. below ridge, drains E.; thence over rolling land.
40.00	On rolling land, 40 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked. $\frac{1}{4}$ S22 | S23 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
64.80	Draw, 15 ft. deep, drains E.
70.00	Spur, 25 ft. high, projects S. 75° W.

Chains	
80.00	On top of spur, 50 ft. above the ¼ sec. cor., at the base of the NE. cor. of a large sandstone boulder, projects NE., Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in th ground to bedrock and in a large mound of stone, for cor of secs. 14, 15, 22 and 23, with brass cap marked.

T31S | R11E
S15 | S14
S22 | S23

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, SW. of cor., 10 lks. dist.

No suitable place to the W. of cor. for mound available.

Land, broken with a general easterly exposure and drainage

Soil, shallow sandy loam, mixed with loose sandstone,

Undergrowth, scattering shadscale, black and sage brush.

No timber.

Fair grazing.

N. 89° 57' E., on random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

79.70 Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence,

N. 89° 58' W., on true line bet. secs. 14 and 23.

Ascend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.

2.00 Top of spur, 10 ft. above cor., projects S. 60° E.; thence ascend gradually along top of spur.

40.00 At point of descent from spur, 100 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S14
S23

1922

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

Chains	
44.00	Road, bears NE. to Hanksville, Ut. and SW. to Bromide Basin.
45.50	Gulch with perpendicular sandstone ledges, 20 ft. high, on each side, 55 ft. below the ¼ sec. cor., drains S., 5.00 chs. dist., thence SE.; ascend gradually.
55.80	Top of abrupt descent over broken sandstone ledges into gulch, 60 ft. above gulch, bears NE. and SW.
63.00	Bottom of deep rocky gulch, 80 ft. below top of abrupt descent, drains S., 7.00 chs. dist., thence E.; road in bottom of gulch, bears S. to Hanksville, Ut. and N. to Bromide Basin; ascend abruptly.
70.50	Spur, 85 ft. above gulch, projects N.; continue abrupt ascent.
79.70	The cor. of secs. 14, 15, 22 and 23, 105 ft. above spur.

Land, broken with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

No timber.

Fair grazing.

N. 0° 01' W., bet. secs. 14 and 15.

Descend abruptly over broken land, through scattering undergrowth of shadscale, black and sage brush.

3.40	Sandstone ledge, 15 ft. high, bears E. and W.
6.10	Sandstone ledge, 50 ft. high, bears E. and W.
7.70	Gulch, 160 ft. below cor., drains E.; ascend abruptly; road in gulch, bears E. to Hanksville, Ut. and W. to Bromide Basin.
12.00	Ridge, 190 ft. above gulch, bears E. and W.; descend abruptly.
18.00	Gulch, 105 ft. below ridge, drains S. 80° E.; ascend abruptly.
19.00	Sandstone ledge, 25 ft. high, bears S. 80° E. and N. 80° W.
22.60	Ridge, 180 ft. above gulch, bears E. and W.; descend gradually.
32.60	Draw, 35 ft. below ridge, drains E.; ascend gradually.

Chains	
40.00	On sandstone surfacerock, 35 ft. above draw; mark a cross (X) at the exact cor. point, over which. Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked. ¼ S15 | S14 1922
46.00	Spur, 15 ft. above the ¼ sec. cor., projects N. 60° E.; descend gradually.
49.70	Draw, 55 ft. below spur; drains N. 60° E.; ascend gradual
58.00	Spur, 40 ft. above draw, projects N. 80° E.; descend gradually.
60.80	Draw, 40 ft. below spur, drains E.; ascend gradually.
67.00	Ridge, 40 ft. above draw, bears E. and W.; descend gradually.
78.00	Wash, 30 lks. wide, 4 ft. deep, 25 ft. below ridge, drains E.; enter scattering cedar and pinon timber, bears NW. and SE.
80.00	On sandstone surfacerock, 40 ft. above wash; mark a cross (X) at the exact cor. point, over which. Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 10, 11, 14 and 15, with brass cap marked. T31S | R11E S10 | S11 S15 | S14 1922 From which, A cedar, 5 ins. diam., bears N. 44° E., 82 lks. dist., marked BT. (Tree too scrubby for other markings.) A cedar, 8 ins. diam., bears S. 30° E., 258 lks. dist., marked T31S R11E S14 BT. No other suitable bearing trees available. Land, broken with an easterly exposure and drainage. Soil, shallow sandy loam, mixed with loose sandstone.

Chains	
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon on extreme N. portion of mile.
	Fair grazing.
	S. 89° 58' E., on random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.62	Intersect the N. and S. line, 10 lks. N. of the cor. of secs. 11, 12, 13 and 14.
	Thence,
	N. 89° 54' W., on true line bet. secs. 11 and 14.
	Descend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
15.80	Descent becomes abrupt, bears NE. and SW.
20.60	Wash, 15 lks. wide, 2 ft. deep, 180 ft. below cor., drains NE.; ascend abruptly.
38.00	Spur, 380 ft. above wash, projects NE.; descend abruptly.
39.81	On broken land, 25 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S11 / S14
	1922
	From which,
	A cedar, 10 ins. diam., bears N. 82° 45' E., 80 lks. dist., marked ¼ S11 BT.
	A cedar, 5 ins. diam., bears S. 19° 45' W., 67 lks. dist., marked ¼ S14 BT.
40.20	Sandstone ledge, 30 ft. high, bears NE. and SW.
45.50	Wash, 20 lks. wide, 4 ft. deep, 150 ft. below the ¼ sec. cor., drains NE.; ascend abruptly.
55.80	Spur, 600 ft. above wash, projects NE.; descend gradually.
74.70	Wash, 30 lks. wide, 4 ft. deep, 200 ft. below spur, drains N. 80° E.; ascend abruptly.

Chains	
79.62	The cor. of secs. 10, 11, 14 and 15, 110 ft. above wash. Land, broken with a general northeasterly exposure and drainage. Soil, shallow sandy loam, mixed with loose sandstone. Undergrowth, scattering shadscale, sage and black brush. Timber, scattering cedar and pinon. Fair grazing.
	N. 0° 01' W., bet. secs. 10 and 11. Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
12.00	Ridge, 60 ft. above cor., bears E. and W.; descend gradually.
19.00	Draw, 20 ft. below ridge, drains N. 75° E.; continue gradual descent.
33.20	Sandstone ledge, 20 ft. high, bears NW. and SE.
37.60	Wash, 30 lks. wide, 3 ft. deep, 300 ft. below draw, drains S. 80° E.; ascend gradually.
40.00	On broken land, 15 ft. above wash. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼

S10 | S11

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No suitable bearing trees available.

45.00	Ridge, 45 ft. above the ¼ sec. cor., bears N. 60° E. and S. 60° W.; descend gradually.
80.00	On sandstone surfacerock, 190 ft. below ridge; mark a cross (X) at the exact cor. point, over which. Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 2, 3, 10 and 11, with brass cap marked.

T31S S3	R11E S2
S10	S11

1922

From which,

A cedar, 5 ins. diam., bears N. 13°30' E., 37 lks. dist., marked T31S R11E S2 BT.

A cedar, 5 ins. diam., bears S. 42° E., 167 lks. dist., marked T31S R11E S11 BT.

A cedar, 6 ins. diam., bears S. 45°30' W., 14 lks. dist., marked T31 S R11E S10 BT.

A pinon, 6 ins. dia., bears N. 62° W., 254 lks. dist., marked T31S R11E S3 BT.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

Chains	
	S. 89° 54' E., on random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
79.74	Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 1, 2, 11 and 12.
	Thence,
	N. 89° 56' W., on true line bet. secs. 2 and 11.
	Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
4.00	Spur, 15 ft. above cor., projects SW.; descend gradually.
24.80	Wash, 20 lks. wide, 3 ft. deep, 270 ft. below spur, drains NE.; ascend gradually.
39.87	On sandstone surfacerock, 250 ft. above wash; mark a cross (X) at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.

Chains

$\frac{1}{4}\frac{S2}{S11}$

1922

No suitable bearing trees available.

45.00 Head of draw, 15 ft. deep, drains N. 75° E.; continue gradual ascend.

48.00 Sandstone ledge, 15 ft. high, bears NE. and SW.

61.00 Ridge, 200 ft. above the ¼ sec. cor., bears N. 80° E. and S. 80° W.; descend gradually.

66.50 Swale, 15 ft. below ridge, drains N. 15° W.; ascend gradually.

71.30 Spur, 45 ft. above swale, projects N.; descend gradually.

74.00 Draw, 25 ft. below spur, drains N.; ascend gradually.

79.74 The cor. of secs. 2, 3, 10 and 11, 30 ft. above draw.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 0° 01' W., bet. secs. 2 and 3.

Over rolling land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

16.80 Gulch with perpendicular sandstone walls 15 ft. high, 145 ft. below sec. cor., drains N. 60° E.; thence over rolling bench land, bears E. and W.

30.10 Draw, 10 ft. deep, drains E.

40.00 On rolling land.

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

$\frac{1}{4}$

S3 | S2

1922

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

Chains

No suitable bearing trees available.

46.50 Old road, bears E. and W.

55.70 Draw, 10 ft. deep, drains N. 75° E.

69.00 Spur, 15 ft. high, projects N. 75° E.; leave bench land, bears E. and W. and descend gradually over broken land.

75.40 Draw, 20 ft. deep, drains NE.

76.50 Spur, 10 ft. high, projects N. 30° E.

90.80 Wood road, bears NE. and SW.

100.00 Spur, 15 ft. high, projects N. 15° E.

109.12 Intersect the Sixth Standard Parallel South, E., 1.07 chs. dist. from the standard cor. of secs. 35 and 36, T. 30 S., R. 11 E., which is an iron post, 2 ins. diam., firmly set in a mound of stone, with brass cap marked.

S C
T30S | R11E
S35 | S36

1919

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

At point of intersection.

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

T30S R11E
S36

S3 | S2
T31S | R11E
C | C

1922

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

No suitable bearing trees available.

Land, rolling with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

Chains	
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. o the township.
	N. 0° 02' W., bet. secs. 33 and 34.
	Ascend gradually over broken sandstone ledges through scattering cedar and pinon timber and scattering under growth of shadscale, black and sage brush.
6.00	Spur, 15 ft. above cor., projects SW.; descend abruptly.
19.80	Gulch, 200 ft. below spur, drains SW.; ascend abruptly.
36.00	Sandstone ridge, 290 ft. above gulch, bears N. 80° E. and S. 80° W.; descend abruptly.
40.00	On sandstone surfacerock, 60 ft. below ridge; mark a cros (X), at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S33 | S34 1922
	From which,
	A pinon, 6 ins. diam., bears N. 56° E., 60 lks. dist., marked ¼ S34 BT.
	A pinon, 5 ins. diam., bears N. 31° W., 37 lks. dist., marked ¼ S33 BT.
55.00	Gulch, 380 ft. below the ¼ sec. cor., drains N. 80° E.; ascend abruptly.
69.80	Ridge, 440 ft. above gulch, bears N. 80° E. and S. 80° W. descend abruptly.
75.00	Head of gulch, 120 ft. below ridge, drains NE.; ascend gradually.
80.00	On gentle SE. slope, near top of spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 27, 28, 33 and 34, with brass cap marked.
	T31S | R11E S28 | S27 S33 | S34 1922

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No suitable bearing trees available.
	Land, broken by sandstone ledges, with a general southwesterly and northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.
	East, on random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, at the cor. of secs. 26, 27, 34 and 35.
	Thence,
	West, on true line bet. secs. 27 and 34.
	Descend abruptly over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
2.70	Crescent Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, 45 ft. below cor., drains NE.
8.50	Recross Crescent Creek, drains SE.; ascend abruptly.
11.80	The SE. point of spur, 45 ft. above creek; continue abrupt ascent.
13.00	Old canal used for placer mining, 10 lks. wide, 4 ft. deep, drains SW.
16.50	Spur, 100 ft. above previous spur, projects SE.; descend abruptly.
21.70	Gulch, 100 ft. below spur, drains S. 70° E.; ascend abruptly over broken sandstone ledges, bears NW. and SE.
40.00	On sandstone surfacerock, 180 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼ S27 / S34

1922

Chains.	
	From which,
	A cedar, 3 ins. diam., bears N. 20° E., 58 lks. dist., marked BT.
	A pinon, 8 ins. diam., bears S. 22° E., 66 lks. dist., marked ¼ S34 BT.
47.00	Sandstone ridge, 70 ft. above the ¼ sec. cor., bears N. 80° E. and S. 80° W.; continue abrupt ascent.
65.80	Spur, 170 ft. above ridge, projects N.; descend abruptly.
76.20	Draw, 140 ft. below spur, drains NE.; ascend abruptly.
80.00	The cor. of secs. 27, 28; 33 and 34, 60 ft. above draw.
	Land, broken, with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.

	N. 0° 02' W., bet. secs. 27 and 28.
	Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of shadscal black and sage brush.
1.00	Spur, 15 ft. below cor., projects NE.; continue descent.
13.00	Gulch, 200 ft. below spur, drains NE.; ascend gradually.
34.00	Spur, 160 ft. above gulch, projects NE.; descend abruptly.
39.00	Crescent Creek, stream of good clear water, 8 lks. wide, 3 ins. deep, in gulch, 2.00 chs. wide, 50 ft. deep, drains NE.; timber becomes scattering, bears E. and W.
40.00	On N. bank of creek.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S28 | S27

1922

Chains

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
No suitable bearing trees available.
Thence over rolling bench land, bears NE. and SW.

43.40 Road, bears N. 80° W. to Bromide Basin and S. 80° E. to South Mountain.

66.20 Wash, 50 lks. wide, 5 ft. deep, drains E.; land becomes broken, bears E. and W.

77.70 Spur, 60 ft. above wash, projects E.; descend gradually.

79.00 Draw, 40 ft. below spur, drains E.; ascend gradually.

80.00 On gentle N. slope, 15 ft. above draw.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.

T31S	R11E
S21	S22
S28	S27

1922

From which,

A cedar, 6 ins. diam., bears S. 23° 15 ' E., 117 lks. dist., marked T31S R11E S27 BT.

A cedar, 10 ins. diam., bears S. 35° 45' W., 113 lks. dist., marked T31S R11E S28 BT.

A cedar, 12 ins. diam., bears N. 29° W., 111 lks. dist., marked T31S R11E S21 BT.

No NE. bearing tree available.
Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, broken with a general northeasterly exposure and drainage.
Soil, shallow sandy loam, mixed with loose sandstone.
Undergrowth, scattering shadscale, black and sage brush.
Timber, dense cedar and pinon on S. portion of mile, scattering cedar and pinon on N. portion.
Fair grazing.

Chains	
	East, on random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, at the cor. of secs. 22, 2 26 and 27.
	Thence,
	West, on true line, bet. secs. 22 and 27.
	Ascend gradually over broken land through scattering ced and pinon timber and scattering undergrowth of shad- scale, black and sage brush.
20.00	Spur, 40 ft. high, projects N., 80° E.
40.00	On sandstone surfacerock, 180 ft. above sec. cor.; mark a cross (X) at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked
	¼ S22 / S27
	1922
	From which,
	A cedar, 3 ins. dia., bears N. 18° 45' E., 12 lks. dist., marked BT.
	A pinon, 10 ins. diam., bears S. 21° 45' W., 145 lks. dist., marked ¼ S27 BT.
45.00	Bottom of draw, bears N., 1.00 chs. dist., draw drains E.
50.00	Draw, 25 ft. deep, drains NE.
62.80	Draw, 30 ft. deep, drains NE., 4.00 chs. dist., thence E.
80.00	The cor. of secs. 21, 22, 27 and 28, 200 ft. above the ¼ sec. cor.
	Land, broken with a general easterly exposure and drainag
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.

Chains	
	N. 0° 02' W., bet. secs. 21 and 22.
	Ascend gradually over broken land through scattering undergrowth of shadscale, black and sage brush.
6.00	Top of ascent, bears E. and W.; thence over rolling land.
12.70	Road, bears N. 75° E. to Hanksville, Ut. and S. 75° W. to Bromide Basin.
20.50	Wash, 30 lks. wide, 30 ft. deep, drains NE.
40.00	On rolling land, 80 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S21 | S22 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
45.60	Wash, 40 lks. wide, 4 ft. deep, drains N. 60° E.
54.80	Ridge, 185 ft. above the ¼ sec. cor., bears N. 60° E. and S. 60° W.; descend abruptly.
67.60	Draw, 280 ft. below ridge, drains N. 60° E.; ascend gradually.
76.00	Spur, 210 ft. above draw, projects E., 3.00 chs. dist., thence NE.; enter scattering cedar and pinon timber, bears NE. and SW.; descend gradually.
80.00	On broken land, 80 ft. below spur.
	Set an iron post, 3 ft. long., 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 15, 16, 21 and 22, with brass cap marked.
	T31S | R11E S16 | S15 S21 | S22 1922
	From which,
	A cedar, 6 ins. diam., bears N. 52° 45' E., 41 lks. dist., marked T31S R11E S15 BT.
	A pinon, 5 ins. diam., bears S. 49° W., 172 lks. dist., marked T31S R11E S21 BT.

Chains	
	No other suitable bearing trees available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon on extreme N. portion of mile.
	Fair grazing.
	East, on random line bet. secs. 15 and 22.
40.00	Set temp . ¼ sec. cor.
80.08	Intersect the N. and S. line, at the cor. of secs. 14, 15, 22 and 23.
	Thence,
	West, on true line bet. secs. 15 and 22.
	Descend abruptly over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
11.40	Sandstone ledge, 40 ft. high, bears NE. and SW.
16.00	Wash, 20 lks. wide, 4 ft. deep, 180 ft. below sec. cor., drains NE.; ascend gradually.; road in wash, bears NE. to Hanksville, Ut. and SW. to Bromide Basin.
26.40	Wash, 20 lks. wide, 5 ft. deep, drains N.
28.80	Same wash, drains S. 80° E.
36.40	Same wash, drains NE.
40.04	On sandstone surfacerock, mark a cross (X) at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S15 / S22
	1922

Chains	
	No suitable bearing trees available.
	Thence, ascend abruptly.
51.00	Spur, 150 ft. above the ¼ sec. cor., projects N. 80° E.; descend gradually.
61.50	Swale, 40 ft. below spur, drains NE.; ascend abruptly.
74.20	Spur, 225 ft. above swale, projects NE.; descend gradually.
79.20	Head of draw, 25 ft. below spur, drains NE.; ascend gradually.
80.08	The cor. of secs. 15, 16, 21 and 22, 15 ft. above draw.
	Land, broken with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.
	N. 0° 02' W., bet. secs. 15 and 16.
	Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
2.50	Spur, 10 ft. above cor., projects NE.; descend abruptly over sandstone ledges.
8.70	Gulch, with perpendicular sandstone, walls, 40 ft. high, 275 ft. below spur, drains NE.; ascend abruptly.
27.00	Spur, 190 ft. above gulch, projects S. 60° E.; descend gradually.
40.00	On sandstone surfacerock, 75 ft. below spur, mark a cross (X), at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S16 | S15 1922
	From which,

Chains	
	A cedar, 5 ins. diam., bears N. 14° E., 97 lks. dist., marked ¼ S15 BT.
	A cedar, 5 ins. diam., bears S. 76° 45' W., 104 lks. dist., marked ¼ S16 BT.
42.50	Wash, 20 lks. wide, 3 ft. deep, 25 ft. below the ¼ sec. cor., drains NE.; ascend abruptly.
45.60	Draw, 30 ft. deep, drains E.; continue abrupt ascent.
52.00	Sandstone ledge, 15 ft. high, bears NW. and SE.
61.80	Ridge, 270 ft. above wash, bears E. and W.; descend gradually.
64.60	Wash, 20 lks. wide, 2 ft. deep, 60 ft. below ridge, drai N. 60° E.; ascend gradually.
70.00	Ridge, 65 ft. above wash, bears E. and W.; descend abruptly.
79.70	Draw, 115 ft. below ridge, drains NE.; ascend abruptly.
80.00	On NW. bank of draw, 6 ft. above bottom.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a mound of stone, for cor. of secs. 9, 10, 15 and 16, with brass cap marked

T31S | R11E
S9	S10
S16	S15

1922

From which,

A cedar, 6 ins. diam., bears N. 44°45' E., 77 lks. dist., marked T31 S R11E S10 BT.

A cedar, 5 ins. diam., bears S. 13°15' E., 100 lks. dist., marked BT. (Tree too scrubby for other markings.)

A cedar limb, 5 ins. diam., bears S. 49° W., 46 lks. dist., marked T31S R11E S16 BT.

A cedar, 6 ins. diam., bears N. 65° 15' W., 53 lks. dist., marked T31S R11E S9 BT.

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

Chains	
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.
	East, on random line bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 10, 11, 14 and 15.
	Thence,
	S. 89°59 ' W., on true line bet. secs. 10 and 15.
	Ascend abruptly over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
14.20	Spur from W., 400 ft. above cor., projects NE.; thence ascend gradually along top of spur.
38.00	Top of descent from spur, 130 ft above point of entering spur, bears NE. and SW.
39.94	On gentle NW. slope, 20 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S10 / S15 / 1922
	From which,
	A cedar, 8 ins. diam., bears S. 70°45' E., 64 lks. dist., marked ¼ S15 BT.
	A cedar, 5 ins. diam., bears N. 27°15' W., 36 lks. dist., marked ¼ S10 BT.
45.20	Draw, 15 ft. deep, drains S. 80° E.; ascend gradually.
56.00	Spur, 15 ft. high, projects N. 75° E.
71.40	Draw, 15 ft. deep, drains N.
76.00	Spur, 20 ft. high, projects N. 60° E.
79.70	Draw, 15 ft. deep, drains NE.
79.88	The cor. of secs. 9, 10, 15 and 16, 180 ft. above the ¼ sec. cor.

Chains

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 0°02' W., bet. secs. 9 and 10.

Ascend abruptly over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

1.20 Spur, 40 ft. above cor.; projects N. 15° E.; descend abruptly.

7.50 Head of draw, drains N.; thence along bottom of draw.

11.50 Leave draw, drains N. 20° W.; continue abrupt descent.

38.50 Wash, 30 lks. wide, 4 ft. deep, 450 ft. below spur, drain N. 25° E.; ascend abruptly.

40.00 On sandstone surfacerock, 75 ft. above wash; mark a cross (X) at the exact cor. point, over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S9 | S10

1922

From which,

A cedar, 6 ins. diam., bears N. 23° 30' E., 209 lks. dist., marked ¼ S10 BT.

No other suitable bearing tree available.

40.50 Spur, 10 ft. above the ¼ sec. cor., projects N. 75° E.; descend abruptly.

55.40 Draw, 140 ft. below spur, drains NE.; continue descend.

67.20 Wash, 10 lks. wide, 2 ft. deep, 45 ft. below draw, drains N. 75° E.; small seep of good water in wash, bears S. 75° W., 3.00 chs. dist.; ascend gradually.

80.00 On sandstone surfacerock, 35 ft. above wash; mark a cross (X) at the exact cor. point, over which.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 3, 4, 9 and 10, with brass cap marked.

T31S R11E	
S4	S3
S9	S10

1922

From which,

A cedar, 6 ins. diam., bears N. 77° E., 98 lks. dist., marked T31S R11E S3 BT.

A cedar, 5 ins. diam., bears S. 57° W., 188 lks. dist., marked T31S R11E S9 BT.

A cedar, 5 ins. diam., bears N. 4°30' W., 120 lks. dist., marked T31S R11E S4 BT.

No suitable SE. bearing tree available.

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

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 89°59' E., on random line bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the N. and S. line, 21 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence,

S. 89°50' W., on true line bet. secs. 3 and 10.

Over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

8.30 Draw, 15 ft. deep, drains N. 15° E.

25.60 Wash, 40 lks. wide, 3 ft. deep, drains N. 80° E.; ascend gradually over rolling bench land, bears NE. and SW.

40.00 On rolling top of bench, 80 ft. above wash.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the

Chains

ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

S3
¼
S10
1922

From which,

A cedar, 18 ins. diam., bears S. 4° 15' E., 292 lks. dist., marked ¼ S10 BT.

No other suitable bearing tree available.

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

65.00 Old road, bears NE. and SW.

72.00 Leave rolling bench land and ascend gradually over broken sandstone outcroppings, bears NE. and SW.

80.00 The cor. of secs. 3, 4, 9 and 10, 205 ft. above the ¼ sec. cor.

Land, broken with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone and trachyte boulders.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 0° 02' W., bet. secs. 3 and 4.

Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

8.00 Ridge, 15 ft. above cor., bears NE. and SW.; descend gradually.

19.50 Granite Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of draw, 85 ft. below ridge, drains NE.; ascend gradually.

26.00 Spur, 80 ft. above creek, projects NE.; descend gradually.

34.00 Draw, 80 ft. below spur, drains N. 80° E.; ascend gradually.

42.00 On spur, 80 ft. above draw, projects N. 80° E.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$
	S4 | S3
	1922
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	No suitable bearing trees available.
45.20	Draw, 50 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradually.
56.40	Draw, 10 ft. deep, drains SE.; continue gradual ascent.
67.00	Draw, 15 ft. deep, drains SE.; continue gradual ascent.
78.00	Ridge, 50 ft. above draw at the 45.20 chs. point, bears E. and W.; descend gradually.
95.00	Draw, 15 ft. deep, drains E.; continue gradual descent.
101.20	Draw, 20 ft. deep, drains N. 80° E.; continue gradual descent
109.35	On top of spur, 400 ft. below ridge, projects NE.
	Intersect the Sixth Standard Parallel South, E., 1.17 chs. dist. from the standard cor. of secs. 34 and 35, T. 30 S., R. 11 E., which is an iron post, 2 ins. diam., firmly set in a mound of stone, with brass cap marked.
	S | C T30S | R11E S34 | S35
	1919
	Witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of secs. 3 and 4, with brass cap marked.
	T30S R11E S35
	S4 | S3 T31S | R11E C | C
	1922

Chains

From which,

A cedar, 5 ins. diam., bears S. 15° 15' E., 196 lks. dist., marked T31S R11E S3 CC BT.

A pinon, 6 ins. diam., bears S. 50° 45' W., 266 lks. dist., marked T31S R11E S4 CC BT.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon

Fair grazing.

From the true point for the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township.

N. 0° 03' W., bet. secs. 32 and 33.

Ascend abruptly over broken sandstone ledges through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

34.00 Ridge, 600 ft. above true point for sec. cor., bears E. and W.; leave ledges, bears E. and W.; descend abruptly.

38.00 Gulch, 120 ft. below ridge, drains NE.; continue descent.

40.00 On gentle E. slope, 15 ft. below gulch.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S32 | S33
1922

From which,

A cedar, 6 ins. diam., bears S. 79° E., 30 lks. dist., marked ¼ S33 BT.

A pinon, 7 ins. diam., bears S. 15° W., 60 lks. dist., marked ¼ S32 BT.

62.00 Head of gulch, 300 ft. below the ¼ sec. cor., drains N. 70° E.; ascend abruptly.

Chains

68.80 Top of ascent, bears NE. and SW.; descend gradually.

80.00 On gentle N. slope, 15 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.

T31S S29	R11E S28
S32	S33

1922

From which,

A pinon, 4 ins. diam., bears N. 42° E., 50 lks. dist., marked T31S R11E S28 BT.

A cedar, 6 ins. diam., bears S. 50° E., 25 lks. dist., marked T31S R11E S33 BT.

A pinon, 8 ins. diam., bears S. 51° W., 124 lks. dist., marked T31S R11E S32 BT.

A pinon, 6 ins. diam., bears N. 47° W., 45 lks. dist., marked T31S R11E S29 BT.

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

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

East, on random line bet. secs. 28 and 33.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the N. and S. line, at the cor. of secs. 27, 28, 33 and 34.

Thence,

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

Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

.50 Spur, 10 ft. above cor., projects NE.; descend abruptly.

Chains	
10.00	Draw, 100 ft. below spur, drains N. 20° E.; ascend gradually.
40.00	In bottom of draw, 15 ft. deep, drains SE.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S28 / S33
	1922
	From which,
	A pinon, 8 ins. diam., bears SE., 88 lks. dist., marked ¼ S33 BT.
	A pinon, 12 ins. diam., bears N. 44° W., 77 lks. dist., marked ¼ S28 BT.
59.60	Ridge, 270 ft. above the ¼ sec. cor., bears S. 30° W. and N. 30° E.; descend gradually.
61.70	Draw, 60 ft. below ridge, drains NE.; ascend gradually.
80.00	The cor. of secs. 28, 29, 32 and 33, 40 ft. above draw.
	Land, broken, with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.
	N. 0° 03' W., bet. secs. 28 and 29.
	Descendgradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale black and sage brush.
4.60	Draw, 40 ft. below cor., drains NE.; ascend gradually.
10.00	Spur, 30 ft. above draw, projects NE.; descend gradually.
24.00	Crescent Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in bottom of gulch, 45 ft. below spur, drains N. 70° E.; thence over rolling bench land, bears E. and W.

Chains	
40.00	On rolling bench land.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S29 | S28 1922
	From which,
	A cedar, 6 ins. diam., bears N. 30° E., 110 lks. dist., marked ¼ S28 BT.
	A cedar, 6 ins. diam., bears N. 68°30' W., 69 lks. dist., marked ¼ S29 BT.
44.60	Wash, 75 lks. wide, 30 ft. deep, drains E.
54.40	Road, bears N. 70° E. to South Mountain and S. 70° W. to Bromide Basin.
67.30	Road, bears N. 80° E. to Hanksville, Ut. and S. 80° W. to Bromide Basin.
73.00	Draw, 50 ft. deep, drains N. 80° E.
77.00	Spur, 40 ft. high, projects E.
80.00	On gentle N. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.
	T31S | R11E S20 | S21 S29 | S28 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No suitable bearing trees available.
	Land, broken on S. portion of mile with a general northerly exposure and drainage, rolling bench land on S. portion with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.

Chains	
	East, on random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	S. 89°56' W., on true line bet. secs. 21 and 28.
	Ascend gradually over rolling land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
1.50	Draw, 15 ft. deep, drains S. 80° E.
10.00	East point of spur from the W., 65 ft. above cor.; thence ascend gradually along rolling top of spur.
39.92	On rolling top of spur, 100 ft. above point of spur. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S21 / S28
	1922
	From which,
	A cedar, 6 ins. diam., bears S. 0°45' E., 438 lks. dist., marked ¼ S28 BT.
	A cedar, 5 ins. diam., bears N. 42°15' W., 103 lks. dist., marked ¼ S21 BT.
42.50	Road, bears N. 60° E. to Hanksville, Ut. and S. 60° W. to Bromide Basin.
64.00	Top of gradual descent from spur, 140 ft. above the ¼ sec. cor., bears NE. and SW.
66.20	Draw, 40 ft. below spur, drains NE.; ascend gradually.
79.84	The cor. of secs. 20, 21, 28 and 29, 10 ft. above draw.
	Land, rolling with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.

Chains	
	N. 0°03' W., bet. secs. 20 and 21.
	Ascend gradually over rolling bench land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
2.00	Wash, 30 lks. wide, 5 ft. deep, drains E.; leave bench land, bears E. and W.; thence over broken land.
10.00	Ridge, 100 ft. above cor., bears N. 80° W. and S. 80° E. descend gradually.
23.70	Draw, 50 ft. below ridge, drains N. 80° E.; ascend gradually.
32.00	Rolling top of ridge, 120 ft. above draw, bears E. and W.; descend gradually.
40.00	At top of abrupt descent, 15 ft. below ridge, bears E. and W.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S20 | S21 1922
	From which,
	A pinon, 6 ins. diam., bears S. 13° E., 145 lks. dist., marked ¼ S21 BT.
	A pinon, 8 ins. diam., bears S. 13° W., 59 lks. dist., marked ¼ S20 BT.
46.00	Gulch, 200 ft. below the ¼ sec. cor., drains E.; ascend abruptly.
50.00	Spur, 180 ft. above gulch, projects N. 70° E.; descend gradually.
62.30	Draw, 50 ft. below spur, drains S. 80° E.; ascend gradually.
67.50	Spur, 60 ft. above draw, projects E.; descend gradually.
74.00	Draw, 70 ft. below spur, drains N. 70° E.; ascend abruptly.
80.00	On steep S. slope, 150 ft. above draw.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in t ground, for cor. of secs. 16, 17, 20 and 21, with bras cap marked.

T31S | R11E	
S17	S16
S20	S21

1922

From which,

A pinon, 8 ins. diam., bears N. 55° E., 94 lks. dist., marked T31S R11E S16 BT.

A pinon, 10 ins. diam., bears S. 14° E., 68 lks. dist., marked T31S R11E S21 BT.

A cedar, 3 ins. diam., bears S. 3° W., 73 lks. dist., marked BT.

A cedar, 3 ins. diam., bears N. 47° W., 68 lks. dist., marked BT.

Land, broken with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 89°56' E., on random line bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence,

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

Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

2.00 Spur, 15 ft. above cor., projects NE.; descend abruptly.

9.20 Gulch, 150 ft. below spur, drains NE.; ascend abruptly.

15.00 Spur, 110 ft. above gulch, projects N. 60° E.; descend abruptly.

Chains	
26.00	Draw, 120 ft. below spur, drains N. 15° E.; ascend abruptly.
40.00	On top of spur, 200 ft. above draw, projects S.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	S16 / ¼ / S21
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees available.
45.00	Draw, 15 ft. below the ¼ sec. cor.; drains SE.; ascend abruptly.
56.00	Spur, 200 ft. above draw, projects N.; descend abruptly.
64.50	Same draw as that at the 45.00 chs. point, drains N. 80° E., 160 ft. below spur; ascend abruptly.
67.00	Spur, 100 ft. above draw, projects S.; descend abruptly.
75.00	Draw, 60 ft. below spur, drains S. 80° E.; ascend abruptly.
80.00	The cor. of secs. 16, 17, 20 and 21, 60 ft. above draw.
	Land, broken, with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, scattering cedar and pinon.
	Fair grazing.
	N. 0°03' W., bet. secs. 16 and 17.
	Ascend abruptly over broken land through scattering undergrowth of shadscale, black and sage brush and scattering cedar and pinon timber.
7.70	Ridge, 100 ft. above cor., bears NE. and SW.; descend abruptly.
14.00	Gulch, 130 ft. below ridge, drains S. 80° E.; ascend abruptly.
29.80	Spur, 100 ft. above gulch, projects S. 75° E.; descend gradually.

Chains

40.00 In bottom of draw, 40 ft. below spur, drains SE.
Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in th ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S17 | S16
1922

From which,

A pinon, 12 ins. diam., bears N. 32° E., 58 lks. dist., marked ¼ S16 BT.

A cedar, 8 ins. diam., bears S. 84° W., 33 lks. dist., marked ¼ S17 BT.

44.60 Ridge, 120 ft. above the ¼ sec. cor., bears N. 80° W. and S. 80° E.; descend abruptly.

52.00 Gulch, 150 ft. below ridge, drains N. 70° E.; ascend abruptly.

63.00 Spur, 140 ft. above gulch, projects NE.; descend abruptly

79.30 Gulch, 100 ft. below spur, drains N. 60° E.; ascend abruptly.

80.00 On steep S. slope, 30 ft. above gulch.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked.

T31S | R11E
S8 | S9
S17 | S16
1922

From which,

A pinon, 8 ins. diam., bears S. 47° E., 117 lks. dist., marked T31S R11E S16 BT.

No other suitable bearing trees available.

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

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

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Chains	
	Timber, scattering cedar and pinon.
	Fair grazing.
	S. 89° 58' E., on random line bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. and S. line, at the cor. of secs. 9, 10, 15 and 16.
	Thence,
	N. 89°58' W., on true line bet. secs. 9 and 16.
	Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
2.00	Spur, 20 ft. above cor., projects N. 15° E.; descend gradually.
7.00	Head of draw, 15 ft. below spur, drains N.; ascend gradually.
10.50	Spur, 15 ft. above head of draw, projects N.; descend abruptly.
22.00	Gulch, 180 ft. below spur, drains N. 20° E.; ascend abruptly.
40.02	On top of spur, 180 ft. above gulch, projects N. 60° E. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S9 / S16 / 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. No suitable bearing trees available.
50.00	Draw, 40 ft. below the ¼ sec. cor., drains N. 70° E.; ascend gradually.
68.00	Spur, 30 ft. above draw, projects N. 70° E.; descend gradually.
77.00	Draw, 30 ft. below spur, drains N. 80° E.; ascend gradually.

Chains

80.04 The cor. of secs. 8, 9, 16 and 17.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush

Timber, scattering cedar and pinon.

Good grazing.

N. 0°03' W., bet. secs. 8 and 9.

Ascend abruptly over broken land through scattering ced and pinon timber and scattering undergrowth of shadsc black and sage brush.

4.00 Spur, 100 ft. above cor., projects NE.; descend abruptl

16.70 Draw, 100 ft. below spur, drains NE.; ascend gradually.

24.00 Ridge, 50 ft. above draw, bears NE. and SW.; descend abruptly.

29.50 White sandstone ledge, 100 ft. high, bears NE. and SW.

40.00 Point for the ¼ sec. cor. falls in Granite Creek which is a stream of good clear water, 8 lks. wide, 4 ins. deep in gulch, 400 ft. below ridge, drains NE.; no cor. set ascend gradually.

41.80 On NW. bank of creek, 40 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in th ground to bedrock and in a large mound of stone, for witness cor. to ¼ sec. cor., with brass cap marked.

¼

S8 | S9
W | C
1922

From which,

A cedar, 10 ins. diam., bears S. 85° E., 38 lks. dist., marked WC ¼ S9 BT

A cedar, 10 ins. diam., bears N. 60° W., 73 lks. dist., marked WC ¼ S8 BT.

43.00 Spur, 30 ft. above the witness ¼ sec. cor., projects E.; descend gradually.

Chains	
58.00	Gulch, 40 ft. below spur, drains S. 70° E.; ascend abruptly.
80.00	On gentle S. slope, 200 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.

T31S | R11E
S5 | S4
S8 | S9

1922

From which,

A pinon, 5 ins. diam., bears N. 49° E., 44 lks. dist., marked T31S R11E S4 BT.

A pinon, 8 ins. diam., bears S. 55° E., 63 lks. dist., marked T31S R11E S9 BT.

A pinon, 8 ins. diam., bears S. 42° W., 129 lks. dist., marked T31S R11E S8 BT.

A pinon, 6 ins. diam., bears N. 24° W., 70 lks. dist., marked T31S R11E S5 BT.

Land, broken with a general northeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

S. 89°58' E., on random line bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.20 Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence,

S. 89°56' W., on true line bet. secs. 4 and 9.

Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

Chains

1.00 Ridge, 15 ft. above cor., bears NE. and SW.; descend gradually.

14.00 Granite Creek, stream of good clear water, 8 lks. wide, ins. deep, in gulch, 75 ft. below ridge, drains NE.; ascend abruptly.

22.70 Spur, 100 ft. above stream, projects SW.; descend gradually.

33.50 Draw, 20 ft. below spur, drains SE.; ascend gradually.

40.10 On broken E. slope, 70 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

$$\frac{1}{4}\ \frac{S4}{S9}$$

1922

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

No suitable bearing trees available.

60.00 Spur, 240 ft. above the ¼ sec. cor., projects SE.; descer gradually.

80.20 The cor. of secs. 4, 5, 8 and 9, 35 ft. below spur.

Land, broken with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, scattering cedar and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 4 and 5.

Ascend abruptly over broken land through scattering cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

28.60 Ridge, 300 ft. above cor., bears NE. and SW.; descend abruptly.

40.00 On steep N. slope, 180 ft. below ridge.

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

Chains

¼

S5 | S4

1922

From which,

A pinon, 10 ins. diam., bears S. 40°30' E., 40 lks. dist., marked ¼ S4 BT.

A pinon, 6 ins. diam., bears S. 30° W., 65 lks. dist., marked ¼ S5 BT.

43.00 Gulch, 240 ft. below the ¼ sec. cor., drains NE.; ascend gradually.

65.00 Ridge, 60 ft. above gulch, bears NE. and SW.; descend abruptly over sandstone outcroppings.

82.50 Sandstone gulch, 400 ft. below ridge, drains NE.; ascend gradually.

109.55 On broken SE. slope, 75 ft. above gulch; intersect the Sixth Standard Parallel South, E., 1.46 chs. dist. from the standard cor. of secs. 33 and 34, which is an iron post, 2 ins. diam., firmly set in a mound of stone, with brass cap marked.

S | C
T30S | R11E
S33 | S34

1919

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

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 4 and 5, with brass cap marked.

T30S R11E
S34

S5 | S4
T31S | R11E
C | C

1922

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

No suitable bearing trees available.

Chains	
	Land, broken, with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush
	Timber, scattering cedar and pinon.
	Fair grazing.
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the township.
	N. 0°03' W., bet. secs. 31 and 32.
	Ascend abruptly over broken sandstone ledges through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
6.00	Top of sandstone rimrock, 50 ft. high, 380 ft. above cor bears E. and W.; ascend gradually.
26.50	Spur, 40 ft. above rimrock, projects E.; descend gradually.
28.20	Draw, 40 ft. below spur, drains S. 70° E.; ascend gradually.
31.00	Spur, 40 ft. above draw, projects S. 80° E.; descend gradually.
33.50	Draw, 30 ft. below spur, drains E.; ascend gradually.
40.00	On broken S. slope, 30 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S31 | S32 1922
	From which,
	A pinon, 9 ins. diam., bears E., 50 lks. dist., marked $\frac{1}{4}$ S32 BT.
	A pinon, 5 ins. diam., bears S. 82° W., 38 lks. dist., marked $\frac{1}{4}$ S31 BT.
42.50	Spur, 30 ft. above the $\frac{1}{4}$ sec. cor., projects E.; descend abruptly.
51.60	Draw, 135 ft. below spur, drains E.; ascend abruptly.

Chains	
65.70	Spur, 170 ft. above draw, projects S. 80° E.; descend abruptly.
80.00	On broken N. slope, 170 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T31S S30	R11E S29
S31	S32

1922

From which,

A pinon, 5 ins. diam., bears N. 43°15' E., 19 lks. dist., marked T31S R11E S29 BT.

A pinon, 6 ins. diam., bears S. 54°45' E., 33 lks. dist., marked T31S R11E S32 BT.

A pinon, 7 ins. diam., bears S. 61°15' W., 19 lks. dist., marked T31S R11E S31 BT.

A pinon, 6 ins. diam., bears N. 44° W., 14 lks. dist., marked T31S R11E S30 BT.

Land, broken with a general easterly exposure and drainage.
Soil, shallow sandy loam, mixed with loose sandstone.
Undergrowth, scattering shadscale, black and sage brush.
Timber, dense cedar and pinon.
Fair grazing.

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

40.00	Set temp. ¼ sec. cor.
80.24	Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence,
	S. 89°56' W., on true line bet. secs. 29 and 32.
	Descend abruptly over broken land through medium dense growth of cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
11.00	Gulch, 100 ft. below cor., drains NE.; ascend gradually.

Chains	
40.12	On broken land, 260 ft. above gulch. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in t ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked. S29 / ¼ / S32 1922 From which, A pinon, 10 ins. diam., bears N. 7°30' E., 65 lks. dist., marked ¼ S29 BT. A pinon, 8 ins. diam., bears S. 15° W., 81 lks. dist.; marked ¼ S32 BT.
56.40	Base of an abrupt ascent over broken sandstone ledges, bears N. and S.
61.20	Top of abrupt ascent at top of sandstone rimrock, 380 ft above the ¼ sec. cor., bears N. and S.; thence ascend gradually.
80.24	The cor. of secs. 29, 30, 31 and 32, 45 ft. above top of abrupt ascent.
	Land, broken with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, medium dense growth of cedar and pinon.
	Fair grazing.
	West, on random line bet. secs. 30 and 31.
39.14	Set temp. witness ¼ sec. cor.
40.00	Point for the temp. witness ¼ sec. cor. falls in wash.
77.74	Intersect the W. bdy. of the township, 3 lks. S. of the cor. of secs. 25, 30, 31 and 36, as described in the notes of T. 31 S., R. 10 E. Thence,
	S. 89°59' E., on true line bet. secs. 30 and 31.
	Descend gradually over broken land through dense cedar and pinon and scattering red and yellow pine timber and scattering undergrowth of shadscale, black and sage-brush.

Chains	
20.30	Ridge, 100 ft. below cor., bears NE. and S. 80° W.; continue gradual descent.
24.50	Road, bears NE. to Hanksville, Ut. and SW. to Bromide Basin.
31.00	Crescent Creek, stream of good clear water, 5 lks. wide, 4 ins. deep, in channel, 30 lks. wide, 5 ft. deep, 150 ft. below spur, drains N. 75° E.; continue gradual descent.
37.74	Point for the ¼ sec. cor. falls in old channel of Crescent Creek, 30 lks. wide, 5 ft. deep, drains N. 75° E.; no cor. set; ascend abruptly.
38.60	On broken land, 10 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for witness cor. to ¼ sec. cor., with brass cap marked.
	WC ¼ S30 / S31
	1922
	From which,
	A pinon, 5 ins. diam., bears S. 60°30' E., 21 lks. dist., marked WC ¼ S31 BT.
	A pinon, 5 ins. diam., bears N. 61° W., 71 lks. dist., marked WC ¼ S30 BT.
55.00	Spur, 150 ft. above the witness ¼ sec. cor., projects N.; descend gradually.
63.80	Draw, 15 ft. deep, drains N. 15° E.; continue gradual descent.
77.00	Draw, 10 ft. deep, drains N. 15° E.; continue gradual descent.
77.74	The cor. of secs. 29, 30, 31 and 32, 325 ft. below spur.
	Land, broken, with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, dense cedar and pinon and scattering red and yellow pine. Fair grazing.

Chains	
	N. 0°03' W., bet. secs. 29 and 30.
	Descend abruptly over broken land through medium dense growth of cedar and pinon timber and scattering under growth of shadscale, black and sage brush.
10.60	Draw, 140 ft. below cor., drains E.; ascend gradually.
17.50	Spur, 20 ft. above draw, projects E.; descend gradually.
22.50	Crescent Creek, stream of good clear water, 5 lks. wide, 4 ins. deep, in gulch, 35 ft. below spur, drains N. 80° E.; ascend gradually.
27.80	Spur, 35 ft. above stream, projects NE.; road on top of spur, bears NE. to Hanksville, Ut. and SW. to Bromide Basin; descend gradually.
32.00	Draw, 25 ft. below spur, drains N. 75° E.; ascend gradually.
34.50	Top of ascent, 15 ft. above draw, bears E. and W.; desce gradually.
40.00	On gentle N. slope, 20 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in th ground to bedrock and in a mound of stone, for ¼ sec. with brass cap marked.
	¼ | S30 | S29 | 1922
	From which,
	A pinon, 5 ins. diam., bears N. 68°45' E., 6 lks. dist., marked ¼ S29 BT.
	A pinon, 5 ins. diam., bears S. 70° W., 47 lks. dist., marked ¼ S30 BT.
59.00	Draw, 160 ft. below the ¼ sec. cor., drains E.; ascend gradually.
68.00	Spur, 55 ft. above draw, projects E.; descend gradually.
75.40	Draw, 30 ft. below spur, drains N. 75° E.; ascend gradually.
80.00	On top of spur from W., 15 ft. above draw, projects S. 70
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in th

Chains

ground to bedrock and in a mound of stone, for cor. of secs. 19, 20, 29 and 30, with brass cap marked.

T31S S19	R11E S20
S30	S29

1922

From which,

A pinon, 5 ins. diam., bears N. 52°15' E., 43 lks. dist., marked T31S R11E S20 BT.

A pinon, 8 ins. diam., bears S. 61°30' E., 36 lks. dist., marked T31S R11E S29 BT.

A cedar, 10 ins. diam., bears S. 64° W., 27 lks. dist., marked T31S R11E S30 BT.

A pinon, 6 ins. diam., bears N. 52°45' W., 34 lks. dist., marked T31S R11E S19 BT.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, medium dense growth of cedar and pinon.

Fair grazing.

N. 89°56' E., on random line bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.18 Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence,

S. 89°54' W., on true line bet. secs. 20 and 29.

Ascend gradually over rolling land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

3.00 Wash, 75 lks. wide, 20 ft. deep, drains N. 60° E.

40.09 On rolling land, 330 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

Chains	
	$\frac{1}{4}$ S20 / S29 1922
	From which,
	A pinon, 10 ins. diam., bears N. 46°30' E., 24 lks. dist., marked $\frac{1}{4}$ S20 BT.
	A pinon, 6 ins. diam., bears S. 37°30' E., 40 lks. dist., marked $\frac{1}{4}$ S29 BT.
63.00	Wash, 60 lks. wide, 20 ft. deep, drains N. 70° E.
69.00	Wash, 75 lks. wide, 15 ft. deep, drains N.70° E.
71.50	Draw, 20 ft. deep, drains N. 70° E.
80.18	The cor. of secs. 19, 20, 29 and 30, 200 ft. above the $\frac{1}{4}$ sec. cor.
	Land, rolling with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, dense cedar and pinon.
	Fair grazing.
	N. 89°59' W., on random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.67	Intersect the W. bdy. of the township, 5 lks. S. of the cor. of secs. 19, 24, 25 and 30, as described in the notes of T. 31 S., R. 10 E. Thence,
	S. 89°57' E., on true line bet. secs. 19 and 30.
	Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
9.30	Draw, 160 ft. below cor., drains S. 75° E.; continue abrupt descent.
33.00	Top of spur from NW., projects E.; descend abruptly along top of spur.
37.67	On top of spur, projects. E., 330 ft. below draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

$\frac{1}{4}$ S19 / S30

1922

From which,

A cedar, 18 ins. diam., bears NE., 31 lks. dist., marked $\frac{1}{4}$ S19 BT.

A pinon, 7 ins. diam., bears S. 36°30' W., 21 lks. dist., marked $\frac{1}{4}$ S30 BT.

Continue abrupt descent along top of spur.

77.67 The cor. of secs. 19, 20, 29 and 30, 350 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, dense cedar and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 19 and 20.

Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

6.50 Head of draw, 12 ft. deep, drains E.; continue gradual descent.

10.40 Draw, 30 ft. below cor., drains N. 75° E.; ascend gradually.

20.00 Timber becomes scattering, bears NE. and SW.

25.30 Ridge, 65 ft. above draw, bears N. 60° E. and S. 60° W.; descend gradually, over rolling land.

35.60 Draw, 125 ft. below spur, drains E.; continue over rolling land.

40.00 On rolling E. slope.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

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

1922

Chains

From which,

A pinon, 8 ins. diam., bears S. 55° E., 44 lks. dist marked ¼ S20 BT.

A pinon, 8 ins. diam., bears N. 73° W., 45 lks. dist marked ¼ S19 BT.

51.40 Wash, 20 lks. wide, 2 ft. deep, drains S. 75° E.; ascend gradually.

80.00 On rolling land, 125 ft. above wash.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in t ground to bedrock and in a large mound of stone, for cor. of secs. 17, 18, 19 and 20, with brass cap marked,

T31S S18	R11E S17
S19	S20

1922

From which,

A pinon, 8 ins. diam., bears N. 70° E., 56 lks. dist., marked T31S R11E S17 BT.

A pinon, 7 ins. diam., bears S. 40°45' E., 87 lks. dist., marked T31S R11E S20 BT.

A pinon, 12 ins. dia., bears S. 67°15' W., 71 lks. dist., marked T31S R11E S19 BT.

A pinon, 5 ins. diam., bears N. 49°30' W., 46 lks. dist., marked T31S R11E S18 BT.

Land, rolling with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, dense cedar and pinon on S. portion of mile, scattering cedar and pinon on N. portion.

Fair grazing.

N. 89°54' E., on random line bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

80.14 Intersect the N. and S. line, 5 lks. S. of the cor. of

Chains	
	secs. 16, 17, 20 and 21.
	Thence,
	S. 89°52' W., on true line bet. secs. 17 and 20.
	Ascend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
7.60	Ridge, 120 ft. above cor., bears NE. and SW.; descend abruptly.
16.20	Draw, 80 ft. below ridge, drains NE.; ascend gradually.
40.07	On the NE. point of a white sandstone spur, 200 ft. above draw; mark a cross (X), at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S17 / S20
	1922
	From which,
	A cedar, 12 ins. diam., bears N. 5° E., 35 lks. dist., marked ¼ S17 BT.
	A pinon, 6 ins. diam., bears S. 80° E., 47 lks. dist., marked ¼ S20 BT.
	Thence ascend abruptly.
57.00	Spur, 170 ft. above the ¼ sec. cor.; projects NE.; continue abrupt ascent.
80.14	The cor. of secs. 17, 18, 19 and 20, 250 ft. above spur.
	Land, broken, with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, dense cedar and pinon.
	Fair grazing.

Chains	
	N. 89°57' W., on random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
77.61	Intersect the W. bdy. of the township, 23 lks. N. of the cor. of secs. 13, 18, 19 and 24, as described in the notes of T. 31 S., R. 10 E. Thence,
	N. 89°53' E., on true line bet. secs. 18 and 19.
	Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
19.00	Draw, 300 ft. below cor., drains SE.; ascend gradually.
22.60	Spur, 35 ft. above draw, projects SE.; descend gradually.
28.60	Draw, 100 ft. below spur, drains SE.; descend gradually.
37.61	On broken land, 125 ft. below draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S18 ¼ S19 1922
	From which,
	A pinon, 5 ins. diam., bears S. 29°15' E., 69 lks. dist., marked ¼ S19 BT.
	A pinon, 9 ins. diam., bears N. 5°30' W., 6 lks. dist., marked ¼ S18 BT.
77.61	The cor. of secs. 17, 18, 19 and 20, 200 ft. below the ¼ sec. cor.
	Land, broken with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, dense cedar and pinon.
	Fair grazing.
	N. 0°03' W., bet. secs. 17 and 18.
	Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

Chains	
10.00	Spur, 30 ft. above cor., projects E.; descend abruptly.
15.00	Draw, 100 ft. below spur, drains S. 80° E.; ascend abruptly.
17.00	Spur, 90 ft. above draw, projects E.; descend abruptly.
18.40	Draw, 90 ft. below spur, drains S. 75° E.; ascend abruptly.
26.40	Ridge, 180 ft. above draw, bears E. and W.; descend abruptly.
31.00	Draw, 180 ft. below ridge, drains NE.; ascend gradually.
35.50	Ridge, 15 ft. above draw, bears NE. and SW.; descend abruptly over sandstone and granite ledges.
38.90	Sandstone ledge, 40 ft. high, bears NE. and SW.
40.00	On steep NW. slope, 160 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S18 | S17

1922

From which,

A pinon, 8 ins. diam., bears S. 57°45' E., 25 lks. dist., marked ¼ S17 BT.

A pinon, 10 ins. diam., bears S. 56°45' W., 80 lks. dist., marked ¼ S18 BT.

50.40	Granite Creek, stream of good clear water, 3 lks. wide, 4 ins. deep, in gulch, 313 ft. below the ¼ sec. cor., drains N. 75° E.; ascend abruptly over broken ledges.
73.90	Spur, 475 ft. above stream, projects N. 80° E.; descend abruptly over granite ledges.
78.70	Perpendicular granite ledge, 50 ft. high, bears NE. and SW.
80.00	At base of ledge, 180 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.

Chains

T31S S7	R11E S8
S18	S17

1922

From which,

A pinon, 6 ins. diam., bears N. 20°15' E., 19 lks. dist., marked T31S R11E S8 BT.

A pinon, 10 ins. diam., bears S. 38°15' W., 52 lks. dist., marked T31S R11E S18 BT.

No other suitable bearing trees available.

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

Land, broken, with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose granite and sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, dense cedar and pinon.

Fair grazing.

N. 89°52' E., on random line bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence,

S. 89°58' W., on true line bet. secs. 8 and 17.

Ascend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

25.00 Ridge, 220 ft. above cor., bears NE. and SW.; descend abruptly over broken sandstone and granite ledges.

31.00 Head of gulch, 100 ft. below ridge, drains NE.; ascend abruptly.

35.00 Spur, 90 ft. above head of gulch, projects NE.; descend abruptly.

40.03 On steep NW. slope, 50 ft. below spur.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S8 / S17
	1922
	From which,
	A pinon, 8 ins. diam., bears N. 80°30' W., 35 lks. dist., marked ¼ S8 BT.
	A pinon, 8 ins. diam., bears S. 60° W., 12 lks. dist., marked ¼ S17 BT.
55.70	Granite Creek, stream of good clear water, 5 lks. wide, 4 ins. deep, in gulch, 300 ft. below the ¼ sec. cor., drains NE.; ascend abruptly over granite and sandstone ledges.
65.50	The NE. point of a granite spur, 320 ft. above stream; descend abruptly over granite ledges.
80.06	The cor. of secs. 7, 8, 17 and 18, 150 ft. below cor.
	Land, broken with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone and granite.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, dense cedar and pinon.
	Fair grazing.
	S. 89°53' W., on random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
77.30	Intersect the W. bdy. of the township, 35 lks. S. of the cor. of secs. 7, 12, 13 and 18, as described in the notes of T. 31 S., R. 10 E. Thence,
	S. 89°52' E., on true line bet. secs. 7 and 18.
	Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

Chains

5.20 The S. point of spur, 10 ft. above cor., descend abruptly.

31.80 Draw, 275 ft. below spur, drains S. 15° E.; ascend abruptly.

34.00 Spur, 50 ft. above draw, projects S. 15° E.; descend abruptly.

37.30 On sandstone surfacerock, 90 ft. below spur, mark a cro (X), at the exact cor. point; over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marke

S7
¼
S18

1922

From which,

A cedar, 6 ins. diam., bears S. 9°45' E., 92 lks. dist., marked ¼ S18 BT.

A cedar, 8 ins. diam., bears N. 56°15' W., 40 lks. dist., marked ¼ S7 BT.

38.50 Draw, 25 ft. below the ¼ sec. cor., drains SE.; ascend abruptly.

40.80 Spur, 40 ft. above draw, projects S. 70° E.; descend abruptly.

57.40 Draw, 160 ft. below spur, drains S.; ascend abruptly.

60.70 Spur, 80 ft. above draw, projects S. 15° W.; descend abruptly over broken granite ledges.

71.80 Gulch, 300 ft. below spur, drains N. 75° E.; ascend abruptly.

77.30 The cor. of secs. 7, 8, 17 and 18; 120 ft. above gulch.

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

Soil, shallow sand and clay loam, mixed with loose grani and sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, dense cedar and pinon.

Fair grazing.

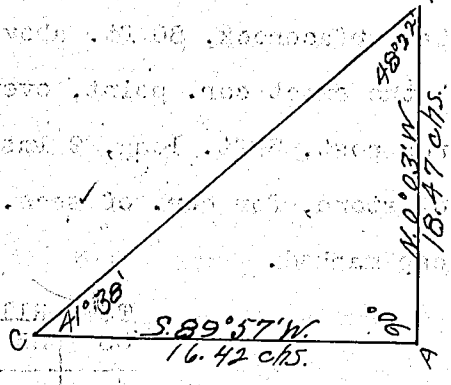
Chains

N. 0°03' W., bet. secs. 7 and 8.

Descend abruptly over broken granite ledges through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.

Inaccessible sandstone ledges make chaining to the N. of cor. impracticable, I therefore determine the dist. to top of ledges by triangulation as follows.

Erect flag "A" at the sec. cor. and flag "B" on line N. at top of ledges. From flag "A", run a base line S. 89°57' W., 16.42 chs. dist. and erect flag "C". From flag "B", flag "C" subtends and angle of 48°22'. All angles checked by deflection and all bearings checked by direct reading of the solar.



Dist. by triangulation 18.47 chs.

Approximate topography bet. points of triangulation.

4.00 Gulch, 130 ft. below cor., drains E.; ascend abruptly over inaccessible sandstone ledges, bears E. and W.

18.47 To point of triangulation at top of ledges, bears E. and W.; 400 ft. above gulch; descend abruptly over granite and sandstone ledges.

33.50 Draw, 240 ft. below top of ledges, drains E.; ascend gradually.

35.60 Spur, 15 ft. above draw, projects E.; descend abruptly.

38.40 Draw, 50 ft. below spur, drains E.; ascend abruptly.

40.00 On broken S. slope, 15 ft. above draw.

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

Chains	
	¼ S7 | S8 1922
	From which,
	A pinon, 8 ins. diam., bears S. 63°15' E., 44 lks. dist., marked ¼ S8 BT.
	A pinon, 8 ins. diam., bears S. 9°30' W., 16 lks. dist., marked ¼ S7 BT.
42.00	Spur, 50 ft. above the ¼ sec. cor., projects S. 75° E.; descend abruptly.
48.00	Draw, 60 ft. below spur, drains SE.; ascend broken S. slope of Bull Mountain.
75.50	Spur, 800 ft. above draw, projects SE.; continue ascent
80.00	On granite surfacerock, 80 ft. above spur; mark a cross (X), at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.
	T31S | R11E S6 | S5 S7 | S8 1922
	From which,
	A pinon, 12 ins. diam., bears N. 40° E., 24 lks. dist., marked T31S R11E S5 BT.
	A pinon, 10 ins. diam., bears S. 28° E., 77 lks. dist., marked T31S R11E S8 BT.
	A pinon, 10 ins. diam., bears S. 88° W., 68 lks. dist., marked T31S R11E S7 BT.
	A pinon, 12 ins. diam., bears N. 37° W., 152 lks. dist., marked T31S R11E S6 BT.
	Land, broken with a general southeasterly exposure and drainage.
	Soil, shallow sand and clay loam, mixed with loose granit and sandstone,

Chains	
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, dense cedar and pinon.
	Fair grazing.
	N. 89°58' E., on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.30	Intersect the N. and S. line, 30 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence,
	N. 89°49' W., on true line bet. secs. 5 and 8.
	Ascend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
13.50	Spur, 320 ft. above cor., projects SE.; continue abrupt ascent.
25.00	Head of gulch, 30 ft. deep, drains SE.
40.15	On broken SE. slope of Bull Mountain, 250 ft. above spur. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S5/S8
	1922
	From which,
	A pinon, 8 ins. diam., bears N. 3°30' E., 53 lks. dist., marked ¼ S5 BT.
	A pinon, 8 ins. diam., bears S. 65° W., 4 lks. dist., marked ¼ S8 BT.
54.80	Granite spur, 300 ft. above the ¼ sec. cor., projects SE.; descend abruptly.
64.60	Head of gulch, 130 ft. below spur, drains S. 20° E.; ascend abruptly.
78.00	Gulch, 35 ft. deep, drains SE.; continue abrupt ascent.
80.30	The cor. of secs. 5, 6, 7 and 8, 350 ft. above the gulch at the 64.60 chs. point.

Chains	
	Land, broken with a general southerly exposure and drai age.
	Soil, shallow sandy and clay loam, mixed with loose gra and sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, dense cedar and pinon.
	Fair grazing.
	N.89°52' W., on random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
77.36	Intersect the W. bdy. of the township, 18 lks. S. of the cor. of secs. 1, 6, 7 and 12, as described in the notes of T. 31 S., R. 10 E. Thence,
	S. 89°44' E., on true line bet. secs. 6 and 7.
	Ascend abruptly over granite ledges through dense cedar and pinon timber and scattering undergrowth of shadsca black and sage brush.
1.20	Top of granite ledge, 20 ft. above cor., bears N. and S. continue abrupt ascent.
10.00	Spur, 80 ft. above ledge, projects N. 15° E.; descend abruptly.
15.00	Draw, 80 ft. below spur, drains N. 15° E.; ascend abrupt
20.70	Draw, 30 ft. deep, drains N.; continue ascent.
37.20	Draw, 30 ft. deep, drains N. 75° W.; continue ascent.
37.36	On broken land, 150 ft. above draw at the 15.00 chs. point.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in th ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S6 / S7
	1922
	From which,
	A pinon, 8 ins. diam., bears S. 3°15' W., 52 lks. dist., marked ¼ S7 BT.

Chains	
	A pinon, 9 ins. diam.; bears N. 68° W., 78 lks. dist., marked ¼ S6 BT.
51.50	Top of ridge which forms the divide bet. Bull and Granite Creeks, 340 ft. above the ¼ sec. cor., bears NE. and SW.; descend abruptly.
56.50	Head of draw, 65 ft. below ridge, drains S. 15° E.; ascend abruptly.
63.20	Top of ascent, 55 ft. above draw, bears SE. and NW.; descend gradually.
72.00	Spur, 30 ft. below top of ascent, projects SE.; descend abruptly.
77.36	The cor. of secs. 5, 6, 7 and 8, 150 ft. below spur.
	Land, broken with a general southeasterly exposure and drainage on E. portion of mile; general northwesterly exposure and drainage on W. portion.
	Soil, shallow clay and sand loam, mixed with loose granite and sandstone.
	Undergrowth, scattering shadscale, black and sage brush.
	Timber, dense cedar and pinon.
	Fair grazing.
	N. 0°03' W., bet. secs. 5 and 6.
	Ascend abrupt broken SE. slope of Bull Mountain through dense cedar and pinon timber and scattering undergrowth of shadscale, black and sage brush.
1.00	Gulch, 10 ft. deep, drains S. 30° E.; continue abrupt ascent.
21.00	Head of gulch, 10 ft. deep, drains SE.; continue abrupt ascent.
35.90	As the true point for the ¼ sec. cor. falls in granite ledges where a permanent cor. cannot be set, at this point on top of Bull Mountain, bears E. and W., 1050 ft. above sec. cor.; on granite surface rock, mark a cross (X), at the exact witness cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large

Chains

mound of stone, for witness cor. to ¼ sec. cor., with brass cap marked.

W C
¼
S6 | S5
1922

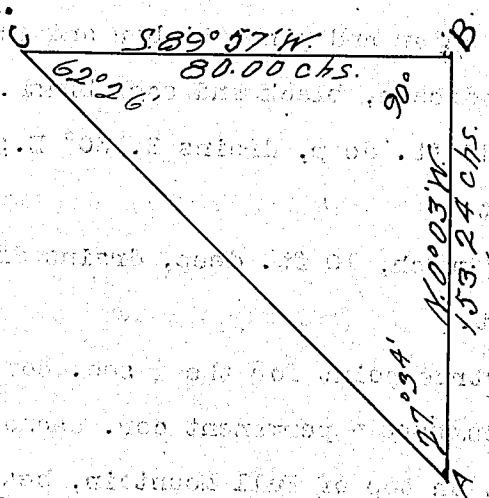
From which,

A pinon, 6 ins. diam., bears S. 84°15' W., 34 lks. dist., marked WC ¼ S6 BT.

No other suitable bearing trees available.

Mark cross (X) BO WC S5 on granite ledge, N. 84°15' E., 16 lks. dist. from cor.

As inaccessible sandstone ledges on N. side of Bull Mountain make chaining to the N. of this cor. impracticable, I determine the dist. to the N. bdy. of the township by triangulation as follows. Erect flag "A" at the witness ¼ sec. cor. and flag "B" on line N. 80.00 chs. dist. from the N. bdy. of the township. No other point from which a base line could be obtained. From flag "B", run a base line S. 89°57' W., 80.00 chs dist., and erect flag "C". From flag "C", flag "A" subtends an angle of 62°26'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Dist. on line	35.96 chs.
Dist. by triangulation	153.24 chs.
	189.20 chs.
Dist. by return measurement	80.00 chs.
	109.20 chs.

Chains	
109.20	To point on broken land at base of ledge on N. face of Bull Mountain, 1750 ft. below top, bears E. and W.
	At this point; intersect the Sixth Standard Parallel South, E., 1.66 chs. dist. from the standard cor. of secs. 32 and 33, T. 30 S., R. 11 E., which is an iron post, 2 ins. diam., firmly set in a mound of stone, with brass cap marked.

S C
T30S | R11E
S32 | S33

1919

From which,

A yellow pine, 20 ins. diam., bears N. 74° E., 71 lks. dist., marked SC T30S R11E S33 BT.

A pinon, 12 ins. diam., bears N. 5°30' W., 20 lks. dist., marked SC T30S R11E S32 BT.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of secs. 5 and 6, with brass cap marked.

T30S R11E
S33

S6 | S5
T31S | R11E
C C
1922

From which,

A pinon, 6 ins. diam., bears S. 26°30' E., 22 lks. dist., marked T31S R11E S5 CC BT.

A pinon, 5 ins. diam., bears S. 66°45' W., 64 lks. dist., marked T31S R11E S6 CC BT.

Land, broken by granite ledges with a general northerly and southerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with loose granite and sandstone.

Undergrowth, scattering shadscale, black and sage brush.

Timber, dense cedar and pinon.

Fair grazing.

Boundaries of T. 31 S., R. 11 E.

Lines designated		True bearing	Distances. chs.	Latitudes. N. chs.	Latitudes. S. chs.	Departures. E. chs.	Departures. W. chs.
W. bdy.	T31S R11E	North	509.00	509.00	.....	.....	.....
6th St.	P. S.R11E	East	400.14	.....	.....	400.14	.....
6th St.	P. S.R12E	East	76.65	.....	.....	76.65	.....
E. bdy.	T31S R11E	South	509.52	.....	509.52	.....	.....
S. bdy.	T31S R11E	West	477.74	.....	.....	.....	477.7
Convergency			.57	.....	.....	.57	.....
				509.00	509.52	477.36	477.7
					509.00		477.3
Errors in lat. and dep.					0.52		0.3

General Description of T. 31 S., R. 11 E.

The land embraced in this township, consists of the broken east foot hills of the Henry Mountains. The land in general has an easterly exposure and drainage. The land embraced in secs. 5 and 6, in most places is inaccessible, being broken by high granite and sandstone ledges which form Bull Mountain. This mountain i about 1500 ft. higher than any other portion of the township and the top of it can only be reached from th south side.

Bull, Granite, Crescent and Slate Creeks are the only permanent streams of water in the township. Bull Creek flows through the west half of sec. 6 and is used for irrigation purposes on the Fair View Ranch located in T. 30 S., R. 11 E. Granite Creek enters the township on the west boundary of sec. 18, and flows in a northeasterly direction, leaving it on the north boundary of sec. 3. This stream is used for irrigation purpose on the Granite Ranch loaated in T. 30 S., R. 11 E. Crescent Creek enters the township on the west boundary of sec. 31, and flows in an easterly direction, leaving it on the south boundary of sec. 36. This stream is used for irrigation purpose on Andrew Ekker's ranch

located in T. 32 S., R. 12 E. Slate Creek flows through the south half of sec. 31, and then flows in an easterly direction near the south boundary of the township until it meets Crescent Creek about one mile south of sec. 36, forming the head of North Wash.

The western portion of the township is covered with a dense growth of cedar and pinon timber and the eastern portion is covered with a scattering growth of cedar and pinon timber.

The entire township is covered with a scattering undergrowth of shadscale, black and sage brush, and is used for a grazing range for stock during both winter and summer months.

The are about 120 acres of land suitable for farming located in secs. 3, 26 and 35. This land can be irrigated with the water from Crescent and Granite Creeks.

Indications of a gold bearing gravel were found along the bottom of Crescent Creek and its tributaries. Old workings of placer claims were found along this stream. About two miles of ditch and canal were found in secs. 25, 26, 27, 34 and 35, which had been used for placer claims located in these secs. The remains of several old cabins and rock houses which had been a mining camp known as Crescent were found near the center of sec. 26.

The only road in the township that is used to any extent is the road from Hanksville, Ut. to South Mountain. This road enters the township on the north boundary of sec. 2, and leave it on the east boundary of sec. 13. This road is in very poor condition. Other branch roads lead from this one to Bromide Basin.

No settlers were on the township at the time of the survey.

The magnetic declination was note taken on account of a defective needle.

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BOOK [illegible]

[illegible]

FIELD ASSISTANTS.

NAMES	CAPACITY
[illegible]ardin John	1st Chainman
[illegible]alph Chamberlin	1st Chainman
[illegible]ilworth [illegible]. Woolley	2nd Chainman
[illegible]oe Wing	2nd Chainman and Cornerman
[illegible]red Sanford	Flagman
[illegible]dward Eliason	Flagman
[illegible]oe R. Walker	Cornerman
[illegible]erb Weber	Cornerman
[illegible]arrell Adams	Axeman

CERTIFICATE OF UNITED STATES SURVEYOR. and Trans

Elmer L. Smith and
I, We Elliot Bird and Transitman, U. S. Surveyor, hereby certify upon honor that, in pu

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 3rd day of February, 1917, I have well, faithfully, an

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

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

boundaries and subdivision of T. 31 S., R. 11 E.

of the Salt Lake Ba

And Meridian, in the State of Utah, which are represen

the foregoing field notes as having been executed by me, and under my direction; and that all the corn

said survey have been established and perpetuated in strict accordance with the Manual of Surveying In

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field no

such survey.

Salt Lake City, Utah.

February 24, 1923.

U. S. Sur

U.S. Transi

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, April 13, 1

The foregoing field notes of the survey of the south and east boundaries and th

subdivisional lines of Township No. 31 South, Range No. 11 East, o

the Salt Lake Base and Meridian, Utah;

executed by Elliot Bird and Elmer L. Smith

under his special instructions dated February 3, 1917, 19 , having b

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

they describe, are hereby approved.

U. S. Surveyor Gene

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.

6—2784

U. S. Surveyor Gener

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4—679

BOOK A-455 C

U. S. Surveyor General's Office
MAR 10 1923
SALT LAKE CITY, UTAH

FIELD NOTES

OF THE SURVEY OF THE

EAST AND SOUTH BOUNDARIES AND SUBDIVISION OF

OF

T. 31 S., R. 12 E.

Of the SALT LAKE BASE AND *Meridian,*

the State of UTAH

EXECUTED BY

ELLIOT BIRD

AND

ELMER L. SMITH

the capacity of U. S. Surveyor and U.S. Transitman, *under instructions dated* February 3, *1917,*

sued by the United States Surveyor General to govern surveys included in

roup No. 62, *which were approved by the Commissioner of the General Land*

ffice, February 17, *1917.* And assignment instructions dated

May 15, 1922.

Survey commenced September 22, *1922.*

Survey completed October 27, *1922.*

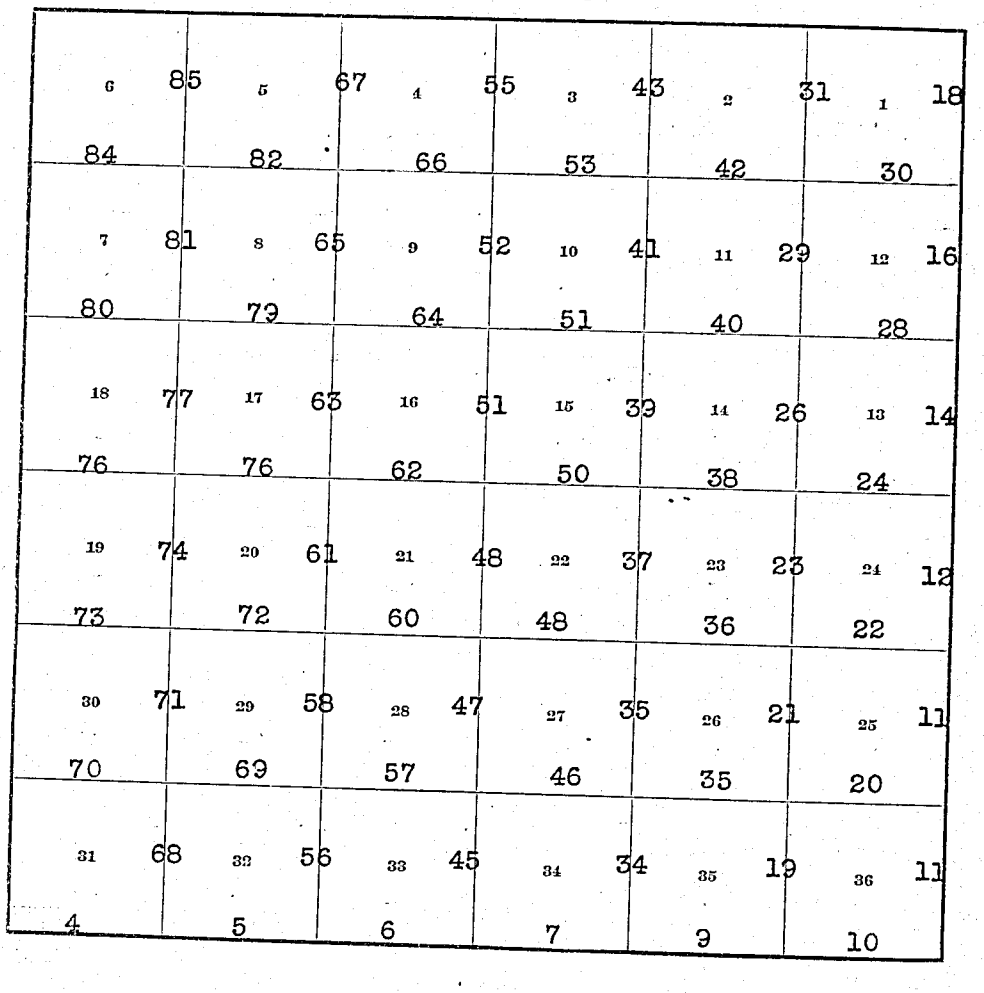
6—151

F.I.S. N.F.B.
F.M.S.
F.I.S.
F.M.S. N.F.B.

BOOK A-455

INDEX DIAGRAM.

Township 31 South, *Range* 12 East.



BOOK A-455

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INDEX DIAGRAM.

Township 31 S, Range 12 E

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18	385	17	371	16	359	15	347	14	334	13	322
	384		384		370		358		346		332
19	382	20	369	21	356	22	345	23	331	24	320
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Date Diagram of T. 31 S., R. 12 E.

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

Survey commenced September 22, 1922, and executed with a Young and Sons light mountain transit, No. 8488, equipped with a Smith Solar attachment and full vertical circle. The horizontal limb is provided with two opposite verniers, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and the vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests, in assignment instructions dated May 15, 1922.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus, by comparing its indications resulting

from solar observations made during a.m. and p.m. hou
with a meridian determined by observations made on
Polaris, I proceed as follows.

Sept. 21, 1922, in camp near the center of sec. 5, T. 3
R. 12 E., Salt Lake Base and Meridian, Utah, in
latitude 38°04' N., and longitude 110°40' W., at 7h
37m p.m. l. m. t., I observe Polaris at eastern
elongation, making four observations, two each with th
telescope in direct and reversed positions, and mark
the mean point in the line thus determined, on a peg
driven firmly in the ground, 5 chs. N.

Azimuth of Polaris at eastern elongation = 1° 24' 44".

Sept. 22: I lay off the azimuth of Polaris, 1° 25' to
the west, and mark the meridian thus determined, by a
tack in a stake driven firmly in the ground, 5 chs. N.

At 8h 00m a.m. app. t., with the instrument in the merid
I set off 38° 04' N., on the latitude arc; 0°29'30" N.,
on the declination arc; and determine a meridian with
the solar which I find to agree with the true meridian.

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

Mean observed alitude	52° 21' 00"
Reduced latitude	38° 04' N.
Mean watch time of observation	11h 55m 30s
Watch fast of l. m. t.	0h 02m 34s

At app, noon, with the instrument in the meridian and the
latitude arc unchanged, I find the reading of the
declination arc to be 0° 25' N., which agrees with the
computed declination of the sun.

Chains

At 4h 0m p.m. app. t., with the latitude arc unchanged, I set off 0° 21' 30" N., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

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

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

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

Oct. 27, 1922: With the instrument in the meridian determined by observations on Polaris, heretofore described; I set off 38° 04' N., on the latitude arc; 12° 38' S., on the declination arc; and at 8h 30m a.m. app. t., I determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 12° 42' S., which agrees with the computed declination of the sun.

At 3h 30m p.m. app. t., with the latitude arc unchanged, I set off 12° 44' S., on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

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

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

Survey of the South Boundary of T. 31 S., R. 12 E.

From the cor. of Ts. 31 and 32 S., Rs. 11 and 12 E., which is an iron post, 3 ins. diam., described in the notes of the survey of T. 31 S., R. 11 E., of this group.

East, bet. secs. 6 and 31.

Ascend abrupt W. slope over broken sandstone ledges through scattering undergrowth of shadscale and sage-brush.

7.00 Top of mesa, bears SE. and NW., 50 ft. above cor.; thence over rolling top of mesa.

33.70 Leave top of mesa, bears N. and S.; descend abruptly over steep E. slope of mesa.

37.74 At base of mesa, bears N. and S., 150 ft. below top; allowing for convergency.

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

$$\frac{\frac{1}{4}\ \frac{S31}{S6}}{1922}$$

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

Thence, over rolling land.

38.10 Road, bears N. to Hanksville, Ut. and S. to South Mountain.

77.74 On rolling land, 50 ft. below the ¼ sec. cor.

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

Chains	
	ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.
	T31S | R12E S31 | S32 S6 | S5 T32S 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken by sandstone ledges on W. half mile with a general southerly exposure and drainage; rolling on E. half mile with a general westerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	East, bet. secs. 5 and 32.
	Over rolling land through scattering undergrowth of sagebrush and shadscale.
15.00	Wash, 30 lks. wide, 2 ft. deep, drains N. 80° E., 3 chs., thence E.
29.80	Draw, 15 ft. deep, drains N. 10° W.
36.00	Draw, 15 ft. deep, drains N.
39.80	Top of 5 ft. descent, bears N. and S.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S32 S5 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
40.10	Draw, 10 ft. deep, drains N.; ascend gradually.
60.50	Spur, 60 ft. above draw, projects N.; descend gradually.
80.00	On rolling land, 80 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.

Chains	
	T31S | R12E S32 | S33 S5 | S4 T32S 1922
	Deposit a memorial at base of monument, which is a sandstone, 3 x 2 x 1 in., marked with a cross (X).
	Pits impracticable.
	Land, rolling with a general northerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	East, bet. secs. 4 and 33.
	Over rolling land through scattering undergrowth of shadscale and sagebrush.
16.00	Draw, 15 ft. deep, drains N.
32.00	Wash, 50 lks. wide, 4 ft. deep, drains SE.; scattering growth of cottonwood timber and undergrowth of willow and oak brush along bottom of wash; old road in wash, bears SE. to Hite, Ut. and NW. to Hanksville, Ut.
40.00	On W. slope of bench, 110 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked. $\frac{1}{4}$ S33 / S4. 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees available.
	Thence, ascend gradually.
41.00	Draw, 10 ft. deep, drains S.
62.70	Top of bench land, bears N. and S., 70 ft. above the $\frac{1}{4}$ sec. cor.; thence over rolling top of bench.
74.80	Leave bench, bears N. and S.; descend gradually.
80.00	On rolling land, 70 ft. below bench.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked. T31S | R12E S33 | S34 S4 | S3 T32S 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cottonwood along wash at the 32 chs. point.
	Fair grazing.
	East, bet. secs. 3 and 34.
	Over rolling land through scattering undergrowth of shadscale and sagebrush.
5.60	Gulch, 80 ft. below cor., drains S.; ascend gradually over sandstone surfacerock.
10.20	Leave sandstone surfacerock; continue ascent.
25.50	Spur, 180 ft. above gulch, projects S.; descend gradually.
32.20	Draw, 70 ft. below spur, drains SW.; ascend gradually.
40.00	On rolling land, 70 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked. S34 ¼ S3 1922
	Deposit a memorial at base of monument, which is a sandstone, marked with a cross (X), size, 3 x 2 x 1 in.
	Pits impracticable.
43.00	Spur, projects S. 15° W., 50 ft. above the ¼ sec. cor.; descend gradually.

Chains	
59.00	Bottom of gulch with sandstone walls, 40 ft. high, drains S., 140 ft. below spur; ascend gradually.
61.00	Sandstone spur, 60 ft. above gulch, projects S.; descend abruptly.
61.80	Bottom of gulch, with sandstone walls, 25 ft. high, drains S.; 60 ft. below spur; ascend gradually.
64.70	Sandstone spur, 30 ft. above gulch, projects S.; descend abruptly.
66.80	Perpendicular sandstone wall on W. side of gulch, 20 ft. high, bears N. 75° E. and S. 75° W.
68.00	Wash in bottom of gulch, 15 lks. wide, 4 ft. deep, 60 ft. below spur, drains S. 75° W.; scattering growth of cottonwood timber and scattering undergrowth of willow brush along bottom of gulch; ascend abruptly.
69.00	Perpendicular sandstone ledge, on E. side of gulch, 50 ft. high, bears N. 75° E. and S. 75° W; continue abrupt ascent along N. slope of gulch.
80.00	On N. slope of gulch, 100 ft. above bottom, on sandstone surfacerock; mark a cross (X), at the exact cor. point, over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 2, 3, 34 and 35, with brass cap marked.

T31S R12E	
S34	S35
S3	S2
T32S	

1922

Land, broken by sandstone ledges with a general southerly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering cottonwood along bottom of gulch at the 68.00 chs. point.

Fair grazing.

Chains	
	East, bet. secs. 2 and 35.
	Over broken land through scattering undergrowth of shadscale and sagebrush.
1.70	Draw from the E., 10 ft. deep, drains N. 80° W.; thence along bottom of draw.
13.20	Leave draw, ascend gentle NW. slope.
17.00	Slope changes from NW. to N.
29.00	Draw, 15 ft. deep, drains N. 80° W.
40.00	On gentle W. slope, 150 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S35 / S2 / 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
47.00	Ridge, 100 ft. above the ¼ sec. cor.; bears N. 15° E. and S. 15° W.; descend gradually.
80.00	On gentle E. slope, 160 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.
	T31S | R12E S35 | S36 S2 | S1 T32S 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.
	Land, W. portion of mile broken by sandstone ledges with a general westerly exposure and drainage; E. portion, rolling with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

Chains	
	East, bet. secs. 1 and 36.
	Descend gradually over rolling land through scattering cedar timber and scattering undergrowth of shadscale, and sagebrush.
37.00	Swale, 70 ft. below cor., drains S.; ascend gradually.
40.00	On rolling land, 10 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S36 / S1
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dis
	No suitable bering trees available.
	Continue gradual ascent over W. slope.
80.00.	On gentle W. slope, 100 ft. above the $\frac{1}{4}$ sec. cor.
	Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in th ground, for cor. of Ts. 31 and 32 S., Rs. 12 and 13 E., with brass cap marked.
	T31S R12E | R13E S36 | S31 S1 | S6 T32S 1922
	Dig pits, 18 x 18 x 12 ins., on line, N., E., S. and W. of post, 3 ft. dist.
	No suitable bearing trees available.
	Land, rolling with a general southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar.
	Fair grazing.

Survey of the East Boundary of T. 31 S., R. 12 E.

Chains

From the cor. of Ts. 31 and 32 S., Rs. 12 and 13 E.

North, bet. secs. 31 and 36.

Over rolling land through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.

10.00 Draw, 10 ft. deep, drains W.

40.00 On rolling land.

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

¼

S36 | S31

1922

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

No suitable bearing trees available.

80.00 On rolling land.

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

T31S

R12E | R13E

S25 | S30

S36 | S31

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

No suitable bearing trees available.

Land, rolling with a general westerly exposure and drainage.

Soil, shallow sandy loam.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering cedar.

Fair grazing.

North, bet. secs. 25 and 30.

Over rolling land through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.

40.00 On rolling land, 100 ft. below sec. cor.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for ¼ sec. cor., with brass cap marked.
	¼ S25 | S30 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dis
	No suitable bearing trees available.
58.80	Swale, 10 ft. below the ¼ sec. cor., drains SW.; ascend gradually.
80.00	On rolling land, 50 ft. above swale.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.
	T31S R12E | R13E S24 | S19 S25 | S30 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
	No suitable bearing trees available.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar.
	Fair grazing.
	North, bet. secs. 19 and 24.
	Over rolling land through scattering cedar timber and scattering undergrowth of sagebrush.
4.00	Spur, 10 ft. high, projects S. 20° W.
10.00	Draw, 10 ft. deep, drains SW.; ascend gradually over S. point of spur from N.
27.00	Leave top of spur, bears S. and N. 20° W.; descend gradually.
40.00	On rolling land, 20 ft. below spur.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S24 | S19
1922

Deposit a memorial at base of monument, which is a sandstone, 4 x 4 x 3 ins., marked with a cross (X).

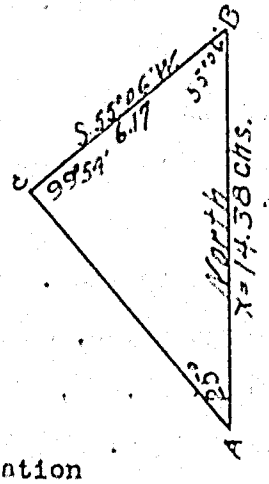
No suitable bearing trees available.

45.00 Draw, 10 ft. deep, drains NE.

55.00 Spur, 30 ft. high, projects N. 30° E.

61.80 Draw, 15 ft. deep, drains NE.

73.30 Rim of box canyon which is a perpendicular sandstone wall, 150 ft. high, bears S. 10° E. and NW. Inaccessible sandstone ledges make chaining to the N. of this point impracticable, I therefore determine the dist. across ledges by triangulation as follows. Erect flag "A" at the 73.30 chs. point and flag "B" on line to the N. From Flag "B", run a base line S. 55°06' W., 6.17 chs. dist. and erect flag "C". From flag "C", flag "A" subtends an angle of 39°54'. All bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. on line	73.30 chs.
Dist. by triangulation	14.38 chs.
	87.68 chs.
Dist. by return measurement	5.33 chs.
	82.35 chs.

Approximate topography bet. points of triangulation.

73.50 Bottom of box canyon, 250 ft. below S. rim, drains W.; ascend abruptly over broken sandstone ledges which

Chains	
	form the N. breaks of canyon.
80.00	Point for cor. falls in inaccessible ledges; no cor. set
82.35	On top of N. rim of canyon, bears SE. and NW., 150 ft. above bottom; on sandstone surfacerock, mark a cross (+) at the exact witness cor. point, over which.
	Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for witness cor. to the cor. of secs. 13, 18, 19 and 24, with brass cap marked.

T31S
R12E | R13E
S13 | S18
S24 | S19
W C
1922

No suitable bearing trees available.

Land, rolling on S. 73.30 chs., broken by sandstone ledge remainder of mile.

General exposure and drainage, NE.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering cedar.

Fair grazing.

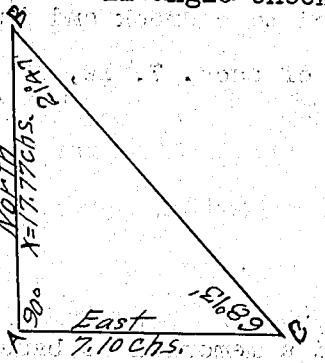
North, bet. secs. 13 and 18, counting dist. from true cor. point.

Over broken sandstone ledges through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.

2.35	The witness cor. to the cor. of secs. 13, 18, 19 and 24.
7.68	To point of triangulation, on spur, projects S. 60° W. 20 ft. above true point for cor. of secs. 13, 18, 19 and 24; descend abruptly over sandstone ledges.
17.70	Rim of box canyon, bears N. 60° E. and S. 60° W.
25.22	Inaccessible sandstone ledges make chaining to the N. of this point impracticable, I therefore determine the distance across ledges by triangulation as follows.

Chains

Erect flag "A" at the 25.22 chs. point and flag "B" on line N. From flag "A", run a base line E., 7.10 chs. dist. and erect flag "C". From flag "B", flag "C" subtends and angle of 21° 47'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line	25.22 chs.
Distance by triangulation	17.77 chs. ✓
	42.99 chs.
Distance by return measurement	.09 chs.
	42.90 chs. ✓

Approximate topography bet. points of triangulation.

33.80 Bottom of box canyon, 300 ft. below spur, drains NE.; ascend abruptly over sandstone ledges;

40.00 Point for the ¼ sec. cor. falls on inaccessible ledges; no cor. set.

42.90 On sandstone spur, projects NE., 175 ft. above canyon; mark a cross (X) at the exact witness cor. point, over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to ¼ sec. cor., with brass cap marked.

¼
S13 | S18
W | C
1922

No suitable bearing trees available.

42.99 To point of triangulation; thence descend abruptly over sandstone ledges.

70.50 Wash in bottom of box canyon, 50 lks. wide, 5 ft. deep, 300 ft. below the witness ¼ sec. cor., drains N. 60° E.; ascend abruptly over broken ledges.

Chains	
76.80	Top of ledges, 120 ft. above canyon, bears NE. and SW.; thence over rolling land.
80.00	On rolling land.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 7, 12, 13 and 18, with brass cap marked.

T31S
R12E | R13E
S12 | S7
S13 | S18

1922

	Deposit a memorial at base of monument, which is a sandstone, 4 x 4 x 4 ins., marked with a cross (X).
	No suitable bearing trees available.
	Land, broken by sandstone ledges with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar.
	Fair grazing.
	North, bet. secs. 7 and 12.
	Over rolling land through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.
7.00	To base of inaccessible sandstone ledges, bears E. and W.; to avoid ledges, I traverse along base of same as follow
	S. 75° 44' E., 9.21 chs. N. 23° W., 11.98 chs. West [illegible]., 4.25 chs. to
15.76	Point on true line at base of sandstone ledges, bears E, and W.; thence on true line.
25.60	Draw, 185 ft. below top of ledges, drains W.; ascend abruptly.
27.70	Spur, 80 ft. above draw, projects W.; descend gradually over broken sandstone ledges into box canyon.
35.60	Mouth of draw from the SW., 70 ft. below spur; thence over rolling bottom of box canyon.

Chains	
40.00	In rolling bottom of Poison Spring Box Canyon. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼

S12 | S7

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No suitable bearing trees available.

41.40 Wash, 50 lks. wide, 4 ft. deep, in bottom of Poison Spring Box Canyon, drains E.

42.93 Inaccessible sandstone ledges on N. side of box canyon make chaining to the N., impracticable; to avoid ledges, I traverse along bottom of canyon at base of ledges as follows.

N. 62° W., 19.33 chs.
N. 57° E., 10.76 chs. Leave bottom of Poison Spring Box Canyon and continue traverse along bottom of box canyon which forms fork of Poison Spring Box Canyon as follows.

N. 44°45' E., 11 43 chs. to

65.98 Point on true line in bottom of box canyon, drains SW.; ascend abruptly over broken land, on true line.

76.30 Spur, 230 ft. above bottom of box canyon, projects SE.; descend abruptly.

80.00 On broken NE. slope, 60 ft. below spur, on sandstone bedrock, mark a cross (X) at the exact cor. point over which.

Set an iron post, 3 ft. long, 2 ins. dia., in a large mound of stone, for cor. of secs. 1, 6, 7 and 12, with brass cap marked.

T31S
R12E | R13E
S1 | S6
S12 | S7

1922

No suitable bearing trees available.

Chains	
	Land, broken by sandstone ledges with a general north-easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar.
	Fair grazing.
	North, bet. secs. 1 and 6.
	Descend gradually over broken land through scattering undergrowth of shadscale and sagebrush.
2.00	Draw, 15 ft. below cor., drains SE.; ascend abruptly.
29.60	Sandstone rimrock, 10 ft. high, bears E., 2.00 chs. thence S., and W., 5.00 chs. thence SW.; continue abrupt ascent over rolling land.
35.30	Draw, 10 ft. deep, drains S. 60° W.; ascend gradually.
40.00	On rolling land, 375 ft. above draw at the 2.00 chs. point. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$

S1 | S6

1922

	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dis
	Continue over rolling land.
83.00	Draw, 15 ft. deep, drains SW.
90.20	Draw, 10 ft. deep, drains SW.
102.00	Spur, 15 ft. high, projects SW.
108.20	Draw, 10 ft. deep, drains SW.
108.47	Intersect the Sixth Standard Parallel South, W., 7.39 chs. dist. from the standard cor. of secs. 31 and 32, T. 30 S., R. 13 E., which is and iron post, 2 ins. diam., firmly set in the ground, with brass cap marked.

S	C
T30S	R13E
S31	S32

1921

Witnessed by pits, on line N., E. and W. of post, 3 ft. dist.

Chains

At point of intersection.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. of T. 31 S., Rs. 12 and 13 E., with brass cap marked.

T30S R13E
S31

S1 | S6
R12E | R13E
T31S
CC
1922

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

Land, broken by sandstone ledges with a general southerly exposure and drainage on S. half mile, rolling with a general northeasterly exposure and drainage remainder of mile.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

Subdivision of T. 31 S., R. 12 E.

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

N. 0°01' W., bet. secs. 35 and 36.

Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

19.50 Swale, 30 ft. below cor., drains SE.; ascend gradually.

26.00 Spur, 30 ft. above swale, projects SE.; descend gradually.

40.00 On rolling land, 40 ft. below spur.

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

¼
S35 | S36
1922

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

Chains

Thence ascend gradually.

73.50 Spur, 20 ft. above the ¼ sec. cor., projects SE.; descer gradually.

80.00 On rolling land, 20 ft. below spur.

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

T31S | R12E	
S26	S25
S35	S36

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of po 3 ft. dist.

Land, rolling with a general southeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

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

40.00 Set temp. ¼ sec. cor.

72.98 Intersect the E. bdy. of the township, 7 lks. N. of the cor. of secs. 25, 30, 31 and 36.

Thence,

N. 89°57' W., on true line bet. secs. 25 and 36.

Descend gradually over rolling land through scattering cedar timber and scattering undergrowth of shadscale and sage brush.

39.99 On rolling land, 100 ft. below sec. cor.

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

¼ S25 / S36

1922

Chains	
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
	No suitable bearing trees available.
45.00	Swale, 10 ft. below the ¼ sec. cor., drains S.; ascend gradually.
79.98	The cor. of secs. 25, 26, 35 and 36, 70 ft. above swale.
	Land, rolling with a general southerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar.
	Fair grazing.

N. 0°01' W., bet. secs. 25 and 26.

Over rolling land through scattering growth of cedar timber and scattering undergrowth of shadscale and sagebrush.

20.00 Spur, 20 ft. high, projects S. 75° E.

40.00 On rolling land.

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

¼

S26 | S25

1922

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

No suitable bearing trees available.

57.00 Bend in ridge, 20 ft. high, bears E. and SW.; thence along gentle W. slope of spur, near top that projects N. 10° E. from ridge.

80.00 On rolling land.

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

T31S | R12E
S23	S24
S26	S25

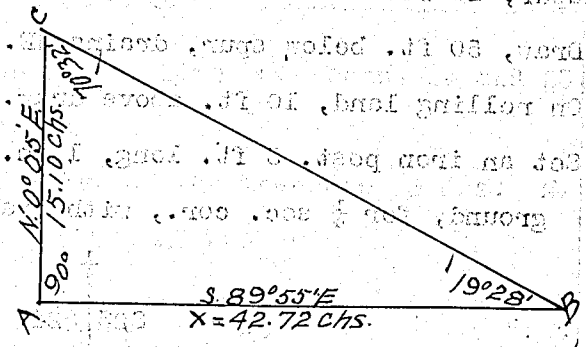
1922

Chains	
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of po
	3 ft. dist.
	No suitable bearing trees available.
	Land, rolling with a general northerly exposure and drai
	age.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar and
	Fair grazing.
	S. 89°57' E., on random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the E. bdy. of the township, 5 lks. N. of the
	cor. of secs. 19, 24, 25 and 30.
	Thence,
	N. 89°55' W., on true line bet. secs. 24 and 25.
	Over rolling land through scattering cedar timber and
	scattering undergrowth of shadscale and sagebrush.
2.00	Spur, 10 ft. high, projects S. 20° W.
40.00	On rolling land, 110 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
	ground, for ¼ sec. cor., with brass cap marked.
	¼ S24 / S25 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of co
	No suitable bearing trees available.
55.80	Swale, 90 ft. below the ¼ sec. cor., drains N.; ascend
	gradually.
79.00	Spur, 50 ft. above swale, projects N. 10° E.; descnd
	gradually.
80.00	The cor. of secs. 23, 24, 25 and 26, 10 ft. below spur.
	Land, rolling with a general northerly exposure and
	drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.

Chains	
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar.
	Fair grazing.
	N. 0°01' W., bet. secs. 23 and 24.
	Descend gradually over rolling land through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.
8.50	Draw, 20 ft. below cor., drains NE.; ascend gradually.
14.50	Spur, 10 ft. above draw, projects NE.; descend gradually.
27.30	Draw, 50 ft. below spur, drains NE.; ascend gradually.
40.00	On rolling land, 10 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S23 | S24 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
	No suitable bearing trees available.
55.00	Top of ascent, 20 ft. above the ¼ sec. cor.; descend gradually; top of ascent bears E. and W.
80.00	On rolling land, 90 ft. below top of ascent.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked.
	T31S | R12E S14 | S13 S23 | S24 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	No suitable bearing trees available.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep, sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar.
	Fair grazing.

Chains

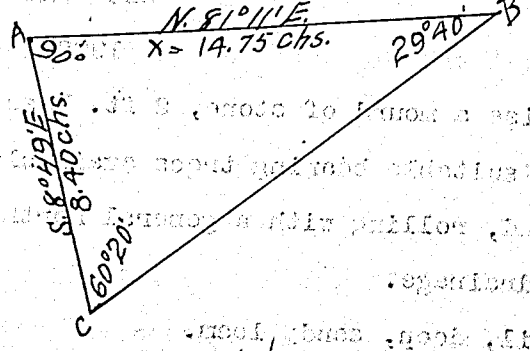
S. 89°55' E., on random line bet. secs. 13 and 24. Sandstone rimrock and deep box canyons make chaining to the east of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at the cor. of secs. 13, 14, 23 and 24 and flag "B" on line to the E. From flag "A", run a base line, N. 0°05' E., 15.10 chs., and erect flag "C". From fla "C", flag "B" subtends an angle of 70°32'. All bearin checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation 42.72 chs.
Dist. by return measurement 2.72 chs.
40.00 chs.

40.00 Set temp. ¼ sec. cor.

60.46 Inaccessible sandstone ledges make chaining or triangulat on line E. of this point impracticable; I therefore triangulate as follows. Erect flag "A" at the 60.46 ch point and flag "B", N. 81°11' E., across ledges. From Flag "A", run a base line, S. 8°49' E., 8.40 chs. dist and erect flag "C". From flag "C", flag "B" subtends a angle of 60°20'. All bearings checked by direct readin of the solar and all angles checked by deflection.



Dist. on line 60.46 chs.
Dist. by triangulation 14.75 chs.
Dist. by triangulation = easting of 14.58 chs.
75.04 chs.

Chains.

75.04 To point of triangulation and a point 2.28 chs. N. of the true random line. It being impossible to return to true random line from this point, I continue on offset line as follows.

East, 5.00 chs. to

80.04 On offset line; intersect the E. bdy. of the township, 2.26 chs. N. of the true point for cor. of secs. 13, 18, 19 and 24.

The course of the line bet. the true point for cor. of secs. 13, 18, 19 and 24, and the cor. of secs. 13, 14, 23 and 24, therefore is N. 89°56' W., and the dist. is 80.04 chs.

Thence,

N. 89° 56' W., on true line bet. secs. 13 and 24.

Over inaccessible sandstone ledges through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.

Inaccessible sandstone ledges make chaining to the W. of the true point for sec. cor. impracticable; I therefore run on offset line as follows.

North, 2.26 chs.
West, 5.00 chs. to point of triangulation,

Thence by triangulation over inaccessible sandstone ledges.

19.68 To point of triangulation on W. side of ledges, bears N. and S., and to point on true line; thence on true line over rolling land.

37.32 To point of triangulation; thence over broken sandstone ledges, bears N. and S.

40.02 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor.; with brass cap marked.

$$\frac{\frac{1}{4}\ \frac{S13}{S24}}{1922}$$

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

Chains	
	No suitable bearing trees available.
	Thence by triangulation.
	Approximates topography bet. points. of triangulation.
41.50	Sandstone rimrock, 20 ft. high, bears NE. and SW.; desce abruptly over sandstone ledges.
62.50	Draw, 250 ft. below the ¼ sec. cor., drains NE.; ascend abruptly over sandstone ledges.
67.70	Sandstone spur, 80 ft. above draw, projects N.; descend abruptly over sandstone ledges.
75.00	Box canyon, 120 ft. below spur, drains N.; ascend abrupt over sandstone ledges.
78.80	Sandstone rimrock, 20 ft. high, bears N. and S.
80.04	The cor. of secs. 13, 14, 23 and 24, 230 ft. above box canyon.
	Land, broken by sandstone ledges with a general northerl exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar.
	Fair grazing.

N. 0°01' W., bet. secs. 13 and 14.

Ascend abruptly over broken land through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.

15.00	Spur, 120 ft. above cor., projects N. 10° E.; descend abruptly.
22.40	Sandstone ledge, 50 ft. high, bears N. 75° E. and S. 75°
37.40	Draw, 380 ft. below spur, drains NE.; ascend gradually.
40.00	On sandstone spur, 20 ft. above draw, projects E.; mark a cross (X) at the exact cor. point, over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼

S14 | S13

1922

Chains	
	No suitable bearing trees available.
41.40	Draw, 20 ft. below the ¼ sec. cor., drains SE.; ascend abruptly, over S. point of spur from N.; thence along top of spur.
44.70	Sandstone rimrock, 30 ft. high, bears N. 30° E. and W.
57.20	Base of inaccessible sandstone butte, 30 ft. high, bears E. and W. To pass butte I offset as follows. West, 2.50 chs. N. 0°01' W., 7.80 chs. East, 2.50 chs. to
65.00	Point on true line at N. side of butte; thence on true line.
70.00	Sandstone spur, 240 ft. above draw, projects W.; descend abruptly.
74.00	Draw, 70 ft. below spur, drains W.; ascend abruptly.
75.60	Base of sandstone ledge, 40 ft. high, bears N. 80° E. and S. 80° W.
79.00	Top of ledge, 70 ft. above draw, bears N. 80° E. and S. 80° W.; ascend gradually over broken land.
80.00	On sandstone surfacerock, on top of spur, 40 ft. above top of ledge, projects SW.; mark a cross (X) at the exact cor. point, over which. Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 11, 12, 13 and 14, with brass cap marked.

T31S S11	R12E S12
S14	S13

1922

No suitable bearing trees available.

Land, broken with a general northerly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

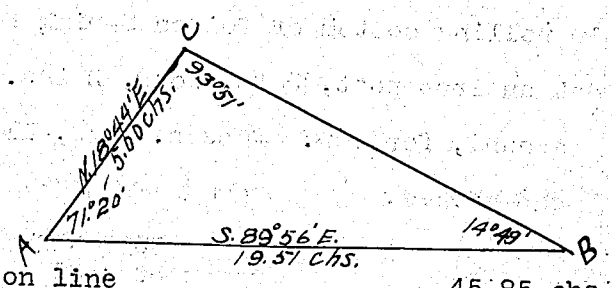
Timber, scattering cedar.

Fair grazing.

Chains	
	S. 89°56' E., on random line bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect the E. bdy. of the township, at the cor. of s 7, 12, 13 and 18.
	Thence,
	N. 89°56' W., on true line bet. secs. 12 and 13.
	Over broken land through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.
14.00	Sandstone ledge, 120 ft. high, bears N. 60° E. and S. 60° W.; descend abruptly, over ledge.
16.00	Spur, 150 ft. above cor., projects SE.; descend graduall
18.40	Head of draw, 20 ft. below spur, drains S. 15° E.; ascen abruptly.
27.00	Spur, 130 ft. above draw, projects S.; descend gradually
35.00	Draw, 50 ft. below spur, drains S.; ascend abruptly.
36.70	Spur, 80 ft. above draw, projects S.; descend gradually.
40.05	In head of draw, 30 ft. below spur, drains S. 10° E.; on sandstone surfacerock, mark a cross (X) at the exact c point, over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor.; with brass cap marked.
	S12
	¼
	S13
	1922
	No suitable bearing trees available.
47.70	Spur, 110 ft. above the ¼ sec. cor., projects S. 30° W.; descend gradually.
49.50	Draw, 10 ft. below spur, drains S. 75° W.; ascend gradually.
57.50	Spur, 10 ft. above draw, projects S. 80° W.; descend abruptly.
76.00	Draw, 130 ft. below spur, drains S. 75° W.; ascend abrupt
78.50	Base of sandstone rimrock, bears N. 80° E. and S. 80° W.
79.50	Top of rimrock, bears N. 80° E. and S. 80° W.
80.10	The cor. of secs. 11, 12, 13 and 14, 80 ft. above draw.

Chains	
	Land, broken with a general southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar and pinon.
	N. 0°01' W., bet. secs. 11 and 12.
	Over rolling land through scattering undergrowth of shadscale and sagebrush.
10.00	Head of draw, 10 ft. deep, drains SW.
40.00	On rolling top of ridge, 60 ft. above the secs cor., bears E. and W.; on sandstone surfacerock, mark a cross (X) at the exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. dia., in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S11 | S12 1922
42.70	Sandstone ledge, 80 ft. high, bears S. 80° E. and N. 80° W.; descend abruptly over sandstone ledges.
72.40	Draw, 350 ft. below the ¼ sec. cor., drains NE.; thence over rolling bottom of Poison Spring Box Canyon.
80.00	In rolling bottom of Poison Spring Box Canyon.
	Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the groundm for cor. of secs. 1, 2, 11 and 12, with brass cap marked.
	T31S R12E S2 | S1 S11 | S12 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling on S. portion of mile with a general southerly exposure and drainage; broken on N. portion with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.

Chains	
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	S. 89°56' E., on random line bet. secs. 1 and 12.
	Inaccessible sandstone ledges make chaining to the E. of cor. of secs. 1, 2, 11 and 12 impracticable, I therefore offset as follows.
	North, 15.34 chs. East, 22.79 chs. S. 60° E., 15.10 chs. South, 8.43 chs. to
35.87	Point on true random line.
40.00	Set temp. ¼ sec. cor.
45.85	Inaccessible ledges make chaining to the E. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at the 45.85 chs. point and flag "B" on on line to the E. From flag "A", run a base line, N. 18°44' E., 5.00 chs. dist and erect flag "C". From flag "C"m flag "B" subtends an angle of 93°51' from flag "A". All bearings checked by direct reading of the sola and all angles checked by deflection.

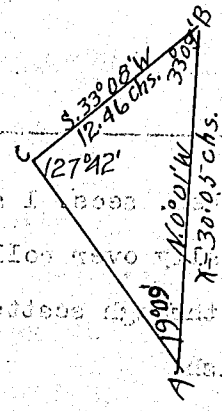


Distance on line 45.85 chs.
Distance by triangulation 19.51 chs.
65.36 chs.

65.36	To point of triangulation.
80.04	Intersect the E. bdy. of the township, 9 lks. S. of the cor. of secs. 1, 6, 7 and 12.
	Thence,
	West, on true line bet. secs. 1 and 12.
	Over broken land through scattering undergrowth of shadscale and sagebrush.

Chains	
14.68	To point of triangulation; thence by triangulation. Approximate topography bet. points of triangulation.
16.00	Spur, 150 ft. above cor., portjects S. 15° W.; descend abruptly over sandstone ledges.
32.70	Bottom of box canyon, 300 ft. below spur, drains SW.; ascend abruptly. over sandstone ledges.
34.19	To point of triangulation at top of NW. rim of box canyon, 130 ft. above bottom, bears NE. and SW.; ascend gradually.
40.02	On sandstone surfacerock, 30 ft. above rim; mark a cross (X) at the exact cor. point, over which. Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked. $\frac{1/4 \mid S1}{S12}$ 1922
44.17	To point of offset; thence on offset line along the N. breaks of Poison Spring Box Canyon as follows. North, 8.38 chs. dist. N. 60° W., 15.10 chs. dist. West, 22.79 chs. dist. South, 15.94 chs. dist. to
80.04	The cor. of secs. 1, 2, 11 and 12.
	Land, broken by sandstone ledges with a general southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 0°01' W., bet. secs. 1 and 2.
	Descend gradually over rolling bottom of Poison Spring Box Canyon through scattering undergrowth of shadscale and sagebrush.
2.00	Wash in bottom of canyon, 4.00 chs. wide, 6 ft. deep, drains S. 80° E.; ascend abruptly over sandstone ledges.
10.00	Sandstone ledge, 130 ft. high, bears E. and W.

Chains	
13.00	Top of abrupt ascent, bears E. and W.; ascend gradually over broken land.
16.00	Spur, 230 ft. above cor., projects S. 10° W.; descend abruptly.
26.30	Draw, 200 ft. below spur, drains W.; ascend abruptly.
32.00	Spur, 100 ft. above draw, projects SW.; descend abruptly.
33.50	Sandstone wall, 110 ft. high, bears N. 60° E. and S. 60°
34.00	Draw, 130 ft. below spur, drains S. 60° W.; ascend abrupt
40.00	On sandstone surfacerock, 220 ft. above draw; mark a cros (X) at the exact cor. point, over which. Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked. $\frac{1}{4}$ S2 | S1 1922
46.60	Spur, 70 ft. above the $\frac{1}{4}$ sec. cor., projects S. 30° W.; a deep box canyon makes chaining to the N. of this point impracticable, I therefore determine the dist. across canyon by triangulation as follows. Erect flag "A" at the 46.60 chs. point and flag "B" on line to the N., across canyon. From flag "B", measure a base line, S. 33°08' W., 12.46 chs. dist. and erect flag "C". From flag "C", flag "A" subtends an angle of 127°42' from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection.



Dist. on line 46.60 chs.
Dist. by triangulation 30.05 chs.
76.65 chs.

Approximate topography bet. points of triangulation.

Chains	
65.50	Bottom of box canyon, 230 ft. below spur, drains S. 15° W.; ascend abruptly over sandstone breaks.
74.50	Rim of box canyon, 350 ft. above bottom, bears N. 15° E. and S. 15° W.; thence over rolling land.
99.50	Ridge, 40 ft. above rim of canyon, bears N. 10° E. and S. 10° W.; continue over rolling land.
108.71	Intersect the Sixth Standard Parallel South, W., 7.51 chs. dist. from the standard cor. of T. 30 S., Rs. 12 and 13 E., which is an iron post, 3 ft. long, 3 ins. diam., firmly set in the ground and a mound of stone, with brass cap marked.

SC.
T30S
R12E | R13E
S36 | S31

1921

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

At point of intersection.

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

T30S R12E
S36

S2 | S1
T31S | R12E
C | C
1922

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

Land, broken with a general southwesterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

Timber, none.

Fair grazing.

Chains	
	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township.
	N. 0°01' W., bet. secs. 34 and 35.
	Over rolling land through scattering undergrowth of shadscale and sagebrush.
.20	Draw, 5 ft. deep, drains W.
3.00	Perpendicular wall of box canyon, 50 ft. high, bears NE. and SW.
3.50	Bottom of box canyon, 50 ft. deep, drains SW.
4.30	Perpendicular wall of box canyon, 40 ft. high, bears NE. and SW.
28.30	Ridge, 80 ft. high, bears NE. and SW.; descend gradually.
40.00	On rolling land, 60 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼

S34 | S35

1922

	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist
80.00	On rolling land, 50 ft. below the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 26, 27, 34 and 35, with brass cap marked.

T31S | R12E
S27	S26
S34	S35

1922

	Deposit a memorial at base of monument, which is a sandstone, 6 x 4 x 3 ins., marked with a cross (X).
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

Chains	
	East, on random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 25, 26, 35 and 36.
	Thence,
	N. 89°55' W., on true line bet. secs. 26 and 35.
	Ascend gradually over rolling N. slope through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.
39.97	On rolling land, 90 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S26 / S35 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
	No suitable bearing trees available.
56.20	Ridge, 20 ft. above the ¼ sec. cor., bears N. and S.; leave timber, bears N. and S.; descend gradually.
79.94	The cor. of secs. 26, 27, 34 and 35, 200 ft. below ridge.
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar on E. portion of mile.
	Fair grazing.
	N. 0°01' W., bet. secs. 26 and 27.
	Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
2.00	Draw, 10 ft. below cor., drains S. 80° W.; ascend gradually.
9.40	Ridge, 80 ft. above draw, bears NE. and SW.; descend gradually.

Chains	
19.50	Draw, 20 ft. below ridge, drains W.
24.00	Spur, 15 ft. high, projects W.
28.50	Draw, 20 ft. deep, drains W.
33.50	Spur, 15 ft. high, projects W.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for ¼ sec. cor., with brass cap marked.
	¼ S27 | S26 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dis
55.00	Swale, 20 ft. deep, drains SW.
70.00	Ridge, 30 ft. high, bears SE. and NW.
80.00	On rolling land.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked.
	T31S | R12E S22 | S23 S27 | S26 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	S. 89°55' E., on random line bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the N. and S. line, 7 lks. S. of the cor. of sec 23, 24, 25 and 26.
	Thence,
	N. 89°58' W., on true line bet. secs. 23 and 26.

Chains	
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush and scattering cedar timber.
13.50	Spur, 30 ft. above cor., projects NE.; descend gradually.
24.00	Draw, 50 ft. below spur, drains NE.; ascend gradually.
39.97	On rolling land, 100 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S23 / S26 / 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
	No suitable bearing trees available.
41.80	Ridge, 20 ft. above the ¼ sec. cor., bears N. and S.; leave timber, bears N. and S.; descend gradually.
69.50	Swale, 60 ft. below ridge, drains N.; ascend gradually.
79.94	The cor. of secs. 22, 23, 26 and 27, 40 ft. above swale.
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	Timber, scattering cedar on E. portion of mile.
	Fair grazing.
	N. 0°01' W., bet. secs. 22 and 23.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
5.00	Spur, 10 ft. above cor., projects NE.; descend gradually.
40.00	On rolling land, 80 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S22 | S23 / 1922

Chains

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

45.00 Swale, 40 ft. below the ¼ sec. cor., drains NE.; ascend gradually.

60.00 Draw, 10 ft. deep, drains N. 60° E.; continue gradual ascent.

80.00 On top of ridge, 50 ft. above swale, bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, for cor. of secs. 14, 15, 22 and 23, with brass cap marked.

T31S S15	R12E S14
S22	S23

1922

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

Land; rolling with a general northeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

S. 89°58' E., on random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

73.94 Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence,

N. 89°57' W., on true line bet. secs. 14 and 23.

Ascend gradually over rolling land through scattering cedar timber and scattering undergrowth of shadscale and sagebrush.

15.00 Ridge, 70 ft. above cor., bears N. and S.; descend gradually, leave timber, bears N. and S.

40.00 On rolling land, 70 ft. below ridge.

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

Chains

$\frac{1/4}{}$ S14 / S23

1922

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

48.20 Swale, 20 ft. below the ¼ sec. cor., drains NE.; ascend gradually.

79.94 The cor. of secs. 14, 15, 22 and 23, 60 ft. above swale.

Land, rolling with a general northeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and sagebrush.

Timber, scattering cedar on E. portion of mile.

Fair grazing.

N. 0°01' W., bet. secs. 14 and 15.

Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

19.50 Swale, 80 ft. below cor., drains N. 60° E.; ascend gradually.

24.00 Spur, 30 ft. above swale, projects N. 70° E.; descend gradually.

32.50 Draw, 30 ft. below spur, drains N. 75° E., 10.00 chs. thence, NE.; ascend gradually.

36.50 Spur, 30 ft. above draw, projects NE.; descend gradually.

40.00 On rolling land, 10 ft. below spur.

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

$\frac{1/4}{}$

S15 | S14

1922

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

57.40 Swale, 20 ft. below the ¼ sec. cor., drains E.; ascend gradually.

80.00 On rolling land, 60 ft. above swale.

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

Chains	
	ground, for cor. of secs. 10, 11, 14 and 15, with bras cap marked.
	T31S | R12E S10 | S11 S15 | S14
	1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of pos 3 ft. dist.
	Land, rolling with a general easterly exposure and drains
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	S. 89°57' E., on random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 11, 12, 13 and 14.
	Thence,
	S. 89°57' W., on true line bet. secs. 11 and 14.
	Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
5.40	Gulch, 60 ft. below cor., drains S. 15° W.; ascend gradually.
7.00	Sandstone rimrock, 20 ft. high, bears N. 15° E. and S. 15° W.
12.00	Spur, 80 ft. above gulch, projects S.; descend gradually.
21.00	Draw, 50 ft. below spur, drains S. 15° E.; ascend gradually.
25.00	Spur, 20 ft. above draw, projects S. 15° E.; descend gradually.
30.50	Swale, 30 ft. below spur, drains S. 20° W.; ascend gradually.
39.97	On rolling land, 20 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

Chains

$\frac{1}{4}$ S11 / S14

1922

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

49.40 Spur, 40 ft. above the ¼ sec. cor., projects S. 15° E.; descend gradually.

50.00 Draw, 20 ft. below spur, drains S. 15° E.; ascend gradually.

52.50 Spur, 40 ft. above draw, projects S. 15° E.; descend gradually.

54.60 Draw, 20 ft. below spur, drains S. 15° E.; ascend gradually.

65.50 Enter level top of bench, 100 ft. above draw, bears NE. and SW.; thence over bench.

74.50 Leave top of bench, bears N. and S.; descend gradually.

79.94 The cor. of secs. 10, 11, 14 and 15, 80 ft. below top of bench.

Land, rolling with a general southerly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 10 and 11.

Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

8.30 Ridge, 20 ft. above cor., bears E. and W.; descend gradually.

31.80 Descent becomes more abrupt, bears E. and W.

40.00 At head of draw, 150 ft. below ridge, drains N. 15° E.; on sandstone surfacerock, mark a cross (X) at the exact cor. point, over which.

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ¼ sec. cor., with brass cap marked.

Chains	
	$\frac{1}{4}$ ✓ S10 | S11 1922
	Thence, ascend gradually.
71.00	Enter top of spur from SW., projects N.; thence along top of spur.
80.00	On top of spur, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap marked. T31S | R12E S3 | S2 S10 | S11 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 89°57' E., on random line bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, at the cor. of secs. 1, 2, 11 and 12.
	Thence,
	S. 89°57' W., on true line bet. secs. 2 and 11.
	Over rolling bottom of Poison Spring Box Canyon through scattering undergrowth of shadscale and sagebrush.
5.00	Leave rolling bottom of canyon, bears SE. and NW.; ascend abruptly over sandstone ledges.
16.70	Top of ledges, 340 ft. above sec. cor., bears SE. and NW.; ascend gradually.
17.40	Spur, 30 ft. above rim of ledges, projects S. 15° E.; descend gradually.

Chains	
23.00	Head of rocky gulch, 40 ft. below spur, drains S.; ascend gradually.
39.98	On top of ridge, 60 ft. above head of draw, bears N. 15° E. and S. 15° W.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S2 / S11
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Thence, descend gradually.
53.80	Draw, 100 ft. below the ¼ sec. cor., drains N. 75° W.; ascend gradually.
57.50	Spur, 30 ft. above draw, projects N. 80° W.; descend gradually.
64.00	Draw, 20 ft. below spur, drains NW.; continue gradual descent.
76.50	Wash, 30 lks. wide, 6 ft. deep, 30 ft. below draw, drains N.; ascend gradually.
79.96	The cor. of secs. 2, 3, 10 and 11, 50 ft. above wash.
	Land, broken on E. portion of mile with a general southeasterly exposure and drainage; rolling on W. portion with a general northwesterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

	N. 0°01' W., bet. secs. 2 and 3.
	Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
12.30	Draw, 20 ft. below cor., drains NE.; ascend gradually.
31.00	Ridge, 60 ft. above draw, bears N. and S. 30° W.; thence along top of ridge.

Chains	
40.00	On top of ridge, bears N. and S.; 15 ft. above point of entering top of ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S3 | S2 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
46.50	Leave top of ridge at top of S. breaks of Poison Spring Box Canyon, bears SE. and NW.; descend abruptly over broken sandstone ledges.
49.80	Wash in bottom of Poison Spring Box Canyon, 40 lks. wide, 3 ft. deep, drains N. 75° E., 160 ft. below the ¼ sec. cor.; ascend abruptly over sandstone ledges.
56.50	Spur, 80 ft. above bottom of canyon, projects S. 60° E.; descend gradually over rolling land.
59.00	Draw, 70 ft. below spur, drains SE.; ascend gradually.
68.50	Spur, 110 ft. above draw, projects SW.; descend gradually.
71.30	Head of draw, 60 ft. below spur, drains W.; ascend gradually.
75.30	Spur, 70 ft. above draw, projects W.; descend gradually.
79.00	Draw, 50 ft. below spur, drains SW.; ascend gradually.
82.00	Spur, 50 ft. above draw, projects S. 30° W.; descend gradually.
108.97	Intersect the Sixth Standard Parallel South, W., 7.18 chs. dist. from the standard cor. of secs. 35 and 36, T. 30 S., R. 12 E., which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap marked.
	S | C T30S | R12E S35 | S36 1921
	Witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	At point of intersection; on sandstone surfacerock, 20 ft. below spur, mark a cross (X) at the exact cor. point,

Chains

over which,

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for closing cor. of secs. 2 and 3, with brass cap marked.

T30S R12E
S35

S3	S2
T31S	R12E
C	C
1922	

Land, broken with a general southeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the township.

N. 0°02' W., bet. secs. 33 and 34.

Descend gradually over rolling E. slope through scattering undergrowth of shadscale and sagebrush.

26.00 Draw, 60 ft. below cor., drains S. 10° E.; ascend gradually.

40.00 On rolling land, 30 ft. below draw.

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

¼

S33	S34
1922	

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

77.00 Top of small bench, bears N. 15° E. and S. 15° W.

80.00 On rolling top of bench, 150 ft. above the ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap marked.

Chains	
	T31S | R12E S28 | S27 S33 | S34 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
	Land, rolling with a general southerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 26, 27, 34 and 35.
	Thence,
	S. 89°56' W., on true line bet. secs. 27 and 34.
	Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
4.70	Draw, 20 ft. below cor., drains SW.; ascend gradually.
27.40	Ridge, 30 ft. above draw, bears NE. and SW.; descend gradually.
31.80	Swale, 100 ft. below ridge, drains S. 10° W.; ascend gradually.
40.00	On rolling land, 20 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. S27 ¼ S34 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
57.30	Spur, 60 ft. above the ¼ sec. cor., projects S.; descend gradually.
62.80	Draw, 50 ft. below spur, drains S.; ascend gradually.

Chains	
79.60	Top of small bench, bears N. 15° E. and S. 15° W.
80.00	The cor. of secs. 27, 28, 33 and 34, 100 ft. above draw. Land, rolling with a general southerly exposure and drainage. Soil, deep sandy loam. Undergrowth, scattering shadscale and sagebrush. No timber. Fair grazing.
	N. 0°02' W., bet. secs. 27 and 28. Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
4.80	Top of descent from small bench, bears SE. and NW.
11.50	Draw, 10 ft. deep, drains NW.; continue gradual descent.
28.50	Swale, 70 ft. below cor., drains NE.; ascend gradually.
40.00	On rolling land, 20 ft. above swale. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. ¼ S28 | S27 1922 Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
80.00	On rolling land, 30 ft. above the ¼ sec. cor. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked. T31S | R12E S21 | S22 S28 | S27 1922 Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of post, 3 ft. dist. Land, rolling with a general northeasterly exposure and drainage. Soil, deep sandy loam. Undergrowth, scattering shadscale and sagebrush. No timber. Fair grazing.

Chains

N. 89°56' E., on random line bet. secs. 22 and 27.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence,

S. 89°59' W., on true line bet. secs. 22 and 27.

Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

6.00 Spur, 20 ft. above cor., projects NE.; descend gradually.

33.50 Swale, 40 ft. below ridge, drains NE.; ascend gradually.

40.02 On rolling land, 10 ft. above swale.

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

¼ S22 / S27

1922

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

76.40 Draw, 10 ft. deep, drains S. 60° E.

80.04 The cor. of secs. 21, 22, 27 and 28, 130 ft. above the ¼ sec. cor.

Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

N. 0°02' W., bet. secs. 21 and 22.

Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

3.00 Draw, 10 ft. below cor., drains S. 80° E.; ascend gradually.

16.80 Ridge, 60 ft. above draw, bears NE. and SW.; descend gradually.

25.80 Draw, 30 ft. below ridge, drains N. 80° E.; ascend gradually.

Chains	
31.60	Ridge, 80 ft. above draw, bears N. 80° E. and S. 80° W.; descend gradually.
36.00	Enter rolling bottom of draw, from S. 15° W., drains N.; thence descend gradually along bottom of draw.
40.00	In rolling bottom of draw, 80 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. ¼ S21 | S22 1922 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
50.00	Leave bottom of draw, drains N. 15° E.; continue gradual descent.
61.00	Swale, 70 ft. below the ¼ sec. cor., drains NE.; ascend gradually.
70.50	Draw, 10 ft. deep, drains S. 60° E.; continue gradual ascent.
80.00	On rolling land, 50 ft. above swale. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins in the ground to bedrock and in a large mound of stone, for cor. of secs. 15, 16, 21 and 22, with brass cap marked. T31S | R12E S16 | S15 S21 | S22 1922 Deposit a memorial at base of monument, which is a sandstone, 6 x 4 x 4 ins., marked with a cross (X).
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

Chains	
	N. 89°59' E., on random line bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
72.24	Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 14, 15, 22 and 23.
	Thence,
	S. 89°55' W., on true line bet. secs. 15 and 22.
	Descend gradually over rolling land through scattering Undergrowth of shadscale and sagebrush.
25.00	Wash, 40 lks. wide, 10 ft. deep, in bottom of swale, 30 ft. below cor., drains NE.; ascend gradually.
35.00	Ridge, 30 ft. above wash, bears NE. and SW.; descend gradually.
39.97	On gentle N. slope of ridge, near top.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S15 / S22 / 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of co
48.00	Head of swale, 20 ft. below ridge, drains NE.; ascend gradually.
55.00	Same ridge as that at the 35.00 chs. point, 30 ft. above head of swale, bears S. 80° E. and W.; descend gradually along top of ridge.
60.00	Leave ridge, bears E. and NW.; continue gradual descent.
64.00	Draw, 20 ft. below ridge, drains S. 75° E.; ascend gradually.
72.24	The cor. of secs. 15, 16, 21 and 22, 30 ft. above draw.
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

Chains	
	N. 0°02' W., bet. secs. 15 and 16.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush
8.00	Ridge, 20 ft. above cor., bears E. and W.; descend gradually.
40.00	On rolling land, 170 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S16 | S15 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
48.00	Swale, 10 ft. below the ¼ sec. cor., drains NW.; ascend gradually.
80.00	On rolling land, 40 ft. above swale.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked.
	T31S | R12E S9 | S10 S16 | S15 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.
	Land, rolling with a general northwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 89°55' E., on random line bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Chains	
	Thence,
	S. 89°57' W., on true line bet. secs. 10 and 15.
	Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
13.40	Head of swale, 20 ft. below cor., drains S.; ascend gradually.
18.50	Ridge, 60 ft. above swale, bears N. 15° E. and W.; thence along top of ridge.
27.80	Low pass in ridge, bears N. and S.
39.33	On rolling top of ridge,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S10 / S15
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of co
	Continue along top of ridge.
42.20	Junction with ridge which bears N. 15° E. and S. 15° W.; continue along top of ridge bearing E. and W.
45.00	Head of draw, which drains SW., bears S., 1.00 chs. dist.
50.50	Head of draw which drains N. 30° E., bears N., 1.00 chs.
53.30	Leave top of ridge, bears NW. and E.; from this point, spur from ridge, projects SW.; descend gradually.
79.86	The cor. of secs. 9, 10, 15 and 16, 70 ft. below ridge.
	Land, rolling with a general northerly and southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber,
	Fair grazing.

	N. 0°02' W., bet. secs. 9 and 10.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
10.60	Spur, 40 ft. above cor., projects S. 80° W.; descend gradually.

Chains

20.00 Head of draw, 40 ft. below spur, drains W.; ascend gradually.

22.00 Spur, 20 ft. above draw, projects NW.; descend gradually.

40.00 On rolling land, 60 ft. below spur.

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

¼

S9 | S10

1922

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

55.00 Head of draw, 20 ft. below the ¼ sec. cor., drains N. 10° E., ascend gradually.

62.00 Spur, 20 ft. above draw, projects N. 15° E.; descend gradually.

77.80 Enter wash, bears NE. and SW.; wash drains NE.

79.40 Leave wash, bears NE. and SW., 20 ft. below spur; ascend gradually.

80.00 On sandstone surfacerock, 10 ft. above wash; mark a cross (X), at the exact cor. point, over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 3, 4, 9 and 10, with brass cap marked.

T31S | R12E

S4 | S3

S9 | S10

1922

Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

N. 89°57' E., on random line bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

Chains.	
79.80	Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 2, 3, 10 and 11.
	Thence,
	S. 89°58' W., on true line bet. secs. 3 and 10.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
8.30	Draw, 10 ft. deep, drains NE.; continue gradual ascent.
25.00	Ridge, 70 ft. above cor., bears NE. and S.; descend gradually.
30.00	Draw, 20 ft. below ridge, drains N. 15° W.; ascend gradually.
39.00	Spur, 20 ft. above draw, projects N. 8.00 chs. to flat; descend gradually.
39.90	On gentle W. slope, 10 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S3 / S10
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of co
45.00	Draw, 20 ft. below the ¼ sec. cor., drains N.; ascend gradually.
50.00	Spur, 20 ft. above draw, projects N.; descend gradually.
55.00	Draw, 20 ft. below spur, drains N.; continue gradual descent.
70.20	Wash, 30 lks. wide, 4 ft. deep, 20 ft. below draw, drains N.; ascend gradually.
72.70	Spur, 30 ft. above wash, projects N.; descend gradually.
76.30	Sandstone ledge, 15 ft. high, bears NE. and SW.
76.50	Wash, 70 lks. wide, 5 ft. deep, 30 ft. below spur, drains NE.; ascend gradually.
79.80	The cor. of secs. 3, 4, 9 and 10, 20 ft. above wash.
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam,

Chains	
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 0°02' W., bet. secs. 3 and 4.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
33.00	Draw, 10 ft. deep, drains SE.; continue gradual ascent.
38.00	Ridge, 120 ft. above sec. cor., bears N. 60° E. and S. 60° W.; descend gradually.
40.00	On gentle N. slope, 10 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S4 | S3 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
48.00	Top of abrupt descent into gulch, bears E. and W.
53.30	Wash in bottom of gulch, 50 lks. wide, 5 ft. deep, 120 ft. below the ¼ sec. cor., drains N. 75° E.; ascend abruptly.
60.00	Top of abrupt ascent, bears E. and W.; ascend gradually.
73.20	Spur, 170 ft. above wash, projects SE.; descend gradually.
87.30	Swale, 40 ft. below spur, drains SE.; ascend gradually.
101.60	Spur, 80 ft. above swale, projects S. 30° E.; descend gradually.
109.21	On rolling land, 30 ft. below spur; intersect the Sixth Standard Parallel South, W., 6.98 chs. dist. from the standard cor. of secs. 34 and 35, T. 30 S., R. 12 E., which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap marked.
	S | C T30S | R12E S34 | S35 1921
	Witnessed by 3 pits, 18 x 18 x 12 ins., on line, N., E. and W. of cor., 3 ft. dist.

Chains	
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in t ground, for closing cor. of secs. 3 and 4, with brass cap marked.
	T30S R12E S34 S4 | S3 T31S | R12E C | C 1922
	Dig pits, 18 x 18 x 12 ins., on line, E., S. and W. of post, 3 ft. dist.
	Land, rolling with a general easterly exposure and drain age.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township.
	N. 0°03' W., bet. secs. 32 and 33.
	Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
14.80	Enter bottom of wash, bears N. 15° W. and SE.
17.50	Road in bottom of wash, bears SE. to Hite on the Colorado River and N. 15° W. to Hanksville, Ut.; wash drains SE.
20.00	Leave wash, bears SE. and N. 15° W.; continue gradual descent.
26.00	Draw, 40 ft. below cor., drains SW.; ascend gradually.
40.00	On rolling land, 50 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S32 | S33 1922

Chains	
	Deposit a memorial at base of monument, which is a sandstone, 6 x 6 x 4 ins., marked with a cross (X).
	Pits impracticable.
46.50	Spur, 40 ft. above the ¼ sec. cor., projects S. 20° W.; descend gradually.
56.60	Draw, 40 ft. below spur, drains S. 20° W.; ascend gradually.
61.00	Spur, 40 ft. above draw, projects S. 15° W.; descend gradually.
75.00	Draw, 40 ft. below spur, drains SW.; ascend gradually.
80.00	On rolling land, 40 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.

T31S | R12E
S29 | S28
S32 | S33

1922

	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. 3 ft. dist. from post.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 27, 28, 33 and 34.
	Thence,
	N. 89°57' W., on true line bet. secs. 28 and 33.
	Descend gradually over rolling benchthrough scattering undergrowth of shadscale and sagebrush.

Chains	
2.40	Leave rolling top of bench, bears N. and S.; descend gradually.
16.50	Draw, 10 ft. deep, drains S.; continue gradual descent.
20.40	Wash, 15 lks. wide, 2 ft. deep, 180 ft. below sec. cor., drains S.; ascend gradually.
24.40	Spur, 60 ft. above wash, projects S. 10° E.; descend gradually.
29.50	Swale, 20 ft. below spur, drains S. 15° E.; ascend gradually.
39.97	On rolling land, 20 ft. above swale. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked. $\frac{1}{4}\frac{S28}{S33}$ 1922 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor
57.00	Ridge, 70 ft. above the ¼ sec. cor., bears SE. and NW.; descend gradually.
66.70	Draw, 130 ft. below ridge, drains S. 20° W.; ascend gradually.
70.20	Spur, 30 ft. above draw, projects SW.; descend gradually.
74.00	Draw, 50 ft. below spur, drains SW.; ascend gradually.
79.94	The cor. of secs. 28, 29, 32 and 33, 20 ft. above draw. Land, rolling with a general southerly exposure and drainage. Soil, deep sandy loam. Undergrowth, scattering shadscale and sagebrush. No timber. Fair grazing.

N. 0°03' W., bet. secs. 28 and 29.

Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

10.00	Spur, 90 ft. above cor., projects S. 20° W.; descend gradually.

Chains	
12.40	Draw, 20 ft. below spur, drains S. 20° W.; ascend gradually.
16.30	Top of bench, 110 ft. above draw, bears E. and W.; thence over rolling top of bench.
20.00	Leave top of bench, bears E. and W.; descend gradually.
26.00	Draw, 60 ft. below bench, drains S. 80° E.; ascend gradually.
30.40	Top of bench, 60 ft. above draw, bears SE. and W.; thence over rolling top of bench.
40.00	On rolling top of bench, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$

S29 | S28

1922

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

53.00	Leave top of bench, bears S. 80° E. and N. 80° W.; descend gradually.
60.40	Swale, 50 ft. below bench, drains S. 80° E.; ascend gradually.
65.00	The E. point of spur, 30 ft. above swale; descend gradually.
80.00	On rolling land, 30 ft. below point of spur. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.

T31S | R12E
S20	S21
S29	S28

1922

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

Land, rolling with a general easterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

Chains	
	S. 89°57' E., on random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	N. 89°58' W., on true line bet. secs. 21 and 28.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
17.20	Spur, 80 ft. above cor., projects NE.; descend gradually.
23.00	Draw, 20 ft. below spur, drains N. 20° E.; ascend gradually.
28.00	Ridge, 60 ft. above draw, bears NE. and SW.; descend gradually.
33.50	Draw, 30 ft. below ridge, drains N. 30° E.; ascend gradually.
40.02	On rolling land, 30 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	S21 / ¼ / S28
	1922
	Deposit a memorial at base of monument, which is a sandstone, 6 x 6 x 6 ins., marked with a cross (X).
	Pits impracticable.
45.00	Ridge, 30 ft. above the ¼ sec. cor., bears NE. and SW.; descend gradually.
76.00	Swale, 80 ft. below ridge, drains S.; ascend gradually.
80.04	The cor. of secs. 20, 21, 28 and 29, 10 ft. above swale.
	Land, rolling with a general southerly and northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

Chains	
	N. 0°03' W., bet. secs. 20 and 21.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
16.50	Ridge, 40 ft. above cor., bears N. 60° E. and S. 60° W.; descend gradually.
22.00	Swale, 20 ft. below ridge, drains N. 60° E.; ascend gradually.
37.00	Ridge, 50 ft. above swale, bears N. 80° E. and S. 80° W.; descend gradually.
40.00	On gentle N. slope, 20 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ / S20 | S21 / 1922
	Deposit a memorial at base of monument, which is a sandstone, 6 x 6 x 4 ins., marked with a cross (X).
	Pits impracticable.
40.80	Draw, 20 ft. below the ¼ sec. cor., drains N. 80° E.; ascend gradually.
43.50	Spur, 30 ft. above draw, projects N. 80° E.; descend gradually.
55.70	Draw, 10 ft. below spur, drains NW.; continue gradual descent.
63.50	Draw, 10 ft. deep, drains N. 15° W.; continue gradual descent.
80.00	On rolling land, 210 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.
	T31S | R12E S17 | S16 S20 | S21 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Chains	
	Land, rolling with a general northeasterly and northwesterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	S. 89°58' E., on random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
80.10	Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 15, 16, 21 and 22.
	Thence,
	West, on true line bet. secs. 16 and 21.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
12.00	Ridge, 10 ft. above cor., bears N. 60° E. and S. 60° W.; descend gradually.
26.20	Draw, 10 ft. deep, drains NW.; continue gradual descent.
35.00	Ridge, 10 ft. high, bears N. and SW.; continue gradual descent.
40.05	On rolling land, 80 ft. below the ridge at the 12.00 chs. point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S16 / S21 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
54.50	Head of draw, 10 ft. below the ¼ sec. cor., drains N. 15° E. ascend gradually.
56.50	Spur, 30 ft. above draw, projects N. 15° E.; descend gradually.
61.60	Head of draw, 20 ft. below spur, drains N.; ascend gradually.
63.00	Spur, 10 ft. above head of draw, projects N. 60° W.; descend gradually.

Chains	
75.70	Draw, 10 ft. deep, drains N. 60° W.; continue gradual descent.
80.10	The cor. of secs. 16, 17, 20 and 21, 50 ft. below spur. Land, rolling with a general northerly exposure and drainage. Soil, deep sandy loam. Undergrowth, scattering shadscale and sagebrush. No timber. Fair grazing.

N. 0°03' W., bet. secs. 16 and 17.

Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

12.80	Draw, 10 ft. deep, drains N. 30° W.; continue gradual descent.
40.00	On rolling land, 80 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.

¼

S17 | S16

1922

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

40.20	Wash, 15 lks. wide, 4 ft. deep, 10 ft. below the ¼ sec. cor., drains NE.; ascend gradually.
55.00	Spur, 20 ft. above wash, projects N. 60° E.; descend gradually.
61.50	Head of draw, 10 ft. below spur, drains N. 60° E.; ascend gradually.
72.00	Spur, 10 ft. above draw, projects N. 75° E.; descend gradually.
80.00	On rolling land, 10 ft. below spur. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked.

Chains	

T31S | R12E
S8 | S9
S17 | S16

1922

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

Land, rolling with a general northeasterly exposure and drainage.

Soil, deep sandy loam.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

East, on random line bet. secs. 9 and 16.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence,

S. 89°57' W., on true line bet. secs. 9 and 16.

Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

17.00 Swale, 50 ft. below cor., drains N.; ascend gradually.

20.00 Spur, 40 ft. above swale, projects N. 15° W.; descend gradually.

35.00 Draw, 20 ft. below spur, drains N. 15° W.; ascend gradually.

40.00 On top of spur, 10 ft. above draw, projects N. 10° E.

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

¼ S9
S16

1922

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

48.60 Wash, 50 lks. wide, 7 ft. deep, drains N., 5.00 chs., thence, NE., 60 ft. below the ½ sec. cor.; ascend gradually.

80.00 The cor. of secs. 8, 9, 16 and 17, 50 ft. above wash.

Chains	
	Land, rolling with a general northerly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 8 and 9.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
4.70	Draw, 30 ft. deep, drains N. 80° E.
12.50	Draw, 15 ft. deep, drains S. 80° E.
15.00	Spur, 20 ft. high, projects N. 80° E.
26.30	Draw, 15 ft. deep, drains SE.
40.00	On rolling land, 40 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S8 | S9 1922
	Deposit a memorial at base of monument, which is a sandstone, 6 x 6 x 5 ins., marked with a cross (X).
	Pits impracticable.
48.00	Ridge, 20 ft. above the ¼ sec. cor., bears N. 75° E. and S. 75° W.; descend gradually.
51.50	Draw, 20 ft. below ridge, drains E.; ascend gradually.
58.50	Spur, 20 ft. above draw, projects N. 75° E.; descend gradually.
63.00	Draw, 20 ft. below spur, drains NE.; ascend gradually.
80.00	On rolling land, 30 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.

Chains	
	T31S | R12E S5 | S4 S8 | S9 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of c
	Land, rolling with a general northeasterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 89°57' E., on random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	Thence,
	West, on true line bet. secs. 4 and 9.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
.20	Enter bend of wash, bears N. and S.; Wash drains E.
2.50	Leave bend of wash, bears NE. and SW.
14.20	Spur, 40 ft. above cor., projects S. 15° W.; descend gradually.
16.50	Draw, 20 ft. below spur, drains S. 15° W.; ascend gradually.
29.70	Top of small bench, bears N. and S. 30° W.; 70 ft. above draw; thence over rolling top of bench.
36.20	Leave top of bench, bears N. and S. 30° W.; descend gradually.
39.93	On rolling land, 20 ft. below top of bench.
	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S4/S9 1922

Chains	
	Deposite a memorial at base of monument, which is a sandstone, 6 x 6 x 6 ins., marked with a cross (X).
48.00	Swale, 30 ft. below the ¼ sec. cor., drains SE.; ascend gradually.
79.86	The cor. of secs. 4, 5, 8 and 9, 110 ft. above swale.
	Land, rolling with a general southwesterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 4 and 5.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
3.00	Spur, 40 ft. above cor., projects NE.; descend gradually.
18.00	Draw, 60 ft. below spur, drains N. 60° E.; ascend gradually.
27.80	Wash, 15 lks. wide, 6 ft. deep, drains E.
30.00	Top of bench, 20 ft. above draw, bears E. and W.; thence over rolling top of bench.
40.00	On rolling top of bench.
	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S5 | S4 1922
	Deposit a memorial at base of monument, which is a sandstone, 6 x 6 x 4 ins., marked with a cross (X). Pits impracticable.
48.70	Leave top of bench, bears E. and W.; descend gradually.
57.60	Enter wash, 130 ft. below bench, bears E. and W.
59.00	Leave wash, bears E. and W., drains E,; ascend gradually.
67.80	Sandstone ledge, bears E. and W., 15 ft. high.
72.20	Spur, 130 ft. above wash, projects SE.; descend gradually.

Chains	
98.00	Swale, 70 ft. below spur, drains SE.; ascend gradually.
109.41	On rolling land, 40 ft. above swale; intersect the Sixth Standard Parallel South, W., 6.60 chs. dist. from the standard cor. of secs. 33 and 34, T. 30 S., R. 12 E., which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap marked.

S | C
T30S | R12E
S33 | S34

1921

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

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for closing cor. of secs. 4 and 5, with brass cap marked.

T30S R12E
S33

S5 | S4
T31S | R12E
C | C

1922

Deposit a memorial at base of monument, which is a sandstone, 8 x 6 x 4 ins., marked with a cross (X).

Pits impracticable.

Land, rolling with a general easterly exposure and drainag

Soil, deep sandy loam.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the township.

N. 0°03' W., bet. secs. 31 and 32.

Over rolling top of bench through scattering undergrowth of shadscale and sagebrush.

20.20	Wash, 15 lks. wide, 15 ft. deep, drains E.
40.00	On rolling top of bench, 40 ft. below sec. cor.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S31 | S32 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
58.50	Leave top of bench, bears NE. and SW.; descend gradually.
69.50	Wash, 10 lks. wide, 2 ft. deep, 50 ft. below the ¼ sec. cor., drains E.; ascend gradually.
79.00	Two prominent sandstone boulders, sizes, 10 x 15 x 20 ft. and 15 x 30 x 20 ft., bear E., 1.00 chs. dist.
80.00	On rolling land, 20 ft. above wash.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.
	T31S | R12E S30 | S29 S31 | S32 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling with a general easterly exposure and drainage.
	Soil, deep sandy loam.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, at the cor. of secs. 28, 29, 32 and 33.
	Thence,
	West, on true line bet. secs. 29 and 32.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
4.00	Spur, 20 ft. above cor., projects S.; descend gradually.
14.00	Swale, 60 ft. below spur, drains S.; ascend gradually.

Chains	
16.00	Old road, bears N. to Hanksville, Ut. and SE. to Hite on the Colorado River.
22.20	Spur, 40 ft. above swale, projects S. 15° W.; descend gradually.
31.50	Draw, 10 ft. deep, drains S.; continue gradual descent.
39.98	On rolling land, 50 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	S29
	¼
	S32
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dis
58.80	Wash, 30 lks. wide, 3 ft. deep, 50 ft. below the ¼ sec. c drains SE.; continue gradual descent.
79.96	The cor. of secs. 29, 30, 31 and 32, 20 ft. below wash.
	Land, rolling with a general southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

	West, on random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
77.67	Intersect the W. bdy. of the township, 7 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in the notes of the survey of T. 31 S., R. 11 E. of this group.
	Thence,
	N. 89°57' E., on true line bet. secs. 30 and 31.
	Descend gradually over rolling top of mesa through scattering undergrowth of shadscale and sagebrush.
27.70	Sandstone ledge, 80 ft. high, at top of abrupt descent from mesa, bears N. and S.
36.70	Base of mesa, 300 ft. below sec. cor., bears N. and S.; descend gradually.

Chains	
37.67	On rolling land, 10 ft. below base of mesa.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S30 / S31
	1922
	Deposit a memorial at base of monument, which is a sandstone, 6 x 6 x 4 ins., marked with a cross (X).
	Pits impracticable.
48.70	Road, bears N. 10° E. to Hanksville, Ut. and S. 10° W. to South Mountain.
55.20	Swale, 10 ft. below the $\frac{1}{4}$ sec. cor., drains S.; ascend gradually.
68.70	Draw, 20 ft. deep, drains S.; continue gradual ascent.
77.67	The cor. of secs. 29, 30, 31 and 32, 50 ft. above swale.
	Land, rolling with a general southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

	N. 0°03' W., bet. secs. 29 and 30.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
5.00	Top of lone, hill, 30 ft. above cor., bears E. and W.; descend gradually.
18.50	Swale, 30 ft. below top of hill, drains S. 80° E.; ascend gradually.
25.80	Top of bench, 20 ft. above swale, bears SE. and NW.; thence over rolling top of bench.
40.00	On rolling top of bench.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains	
	¼ S30 | S29 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of c
49.50	Leave top of bench, bears E. and W.; descend gradually.
58.20	Wash, 15 lks. wide, 2 ft. deep, 20 ft. below bench, drai NE.; ascend gradually.
72.50	Draw, 10 ft. deep, drains SE.; continue gradual ascent.
80.00	On rolling land, 20 ft. above wash.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked. T31S | R12E. S19 | S20 S30 | S29 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.
	Land, rolling with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	East, on random line bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence,
	N. 89°57' W., on true line bet. secs. 20 and 29.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
13.50	Spur, 30 ft. above cor., projects SE.; descend gradually.
22.00	Swale, 10 ft. below spur, drains SE.; ascend gradually.

Chains.	
32.70	Top of ascent, 20 ft. above swale, bears N. and S.; descend gradually.
36.00	Base of descent, 20 ft. below top, bears N. and S.; thence over nearly level land.
39.94	On level land.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S20 / S29 / 1922
	Deposit a memorial at base of monument, which is a sandstone, 6 x 6 x 5 ins., marked with a cross (X).
	Pits impracticable.
60.30	Road, bears N. 20° W. to Hanksville, Ut. and S. 20° E. to Hite.
65.50	Draw, 15 ft. deep, drains S. 15° W.
70.00	Draw, 18 ft. deep, drains S.
75.50	Draw, 15 ft. deep, drains S. 30° E.
79.88	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling with a general southerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	S. 89°57' W., on random line bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
77.33	Intersect the W. bdy. of the township, at the cor. of secs. 19, 24, 25 and 30, which is an iron post, 2 ins. diam., described in the notes of the survey of T. 31 S., R. 11 E., of this group.
	Thence,
	N. 89°57' E., on true line bet. secs. 19 and 30.

Chains	
	Ascend gradually over broken land through scattering undergrowth of shadscale and sagebrush.
3.00	Spur, 40 ft. above cor., projects NE.; descend abruptly.
11.70	Gulch, 200 ft. below spur, drains NE.; ascend gradually.
32.30	Rocky ridge, 70 ft. above gulch, bears N. and S.; descend abruptly.
35.00	Sandstone ledge, 80 ft. high, bears NE. and S. 15° W.
37.33	On steep SE. slope, 170 ft. below ridge.
	Set an iron post, 3 ft. long, 1 ins. diam., 14 ins. in th ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S19 / S30
	1922.
	Deposit a memorial at base of monument, which is a sandstone, 8 x 6 x 6 ins., marked with a cross (X).
	Pits impracticable.
44.30	Base of abrupt descent, bears NE. and SW.; thence descend gradually over rolling land.
55.00	Swale, 180 ft. below the ¼ sec. cor., drains S. 15° E.; ascend gradually.
75.70	Road, bears N. to Hanksville, Ut. and S. to South Mountain.
77.33	The cor. of secs. 19, 20, 29 and 30, 60 ft. above swale.
	Land, broken on W. portion of mile, rolling on E. portion.
	General exposure and drainage, SE.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	N. 0°03' W., bet. secs. 19 and 20.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
12.20	Draw, 8 ft. deep, drains S. 20° E.; continue gradual ascent.

Chains	
32.00	Ridge, 70 ft. above cor., bears E. and W.; descend gradually.
35.00	Old road, bears E. to Hite and W. to Hanksville; thence across Lone Cedar Flat, bears E. and W.
40.00	On rolling land, 40 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S19 | S20 1922
	Deposite a memorial which is a sandstone, 6 x 6 x 6 ins., marked with a cross (X).
	Pits impracticable.
44.50	Draw, 10 ft. deep, drains E.
65.00	Draw, 8 ft. deep, drains E.
78.70	Draw, 6 ft. deep, drains S. 80° E.
80.00	On Lone Cedar Flat.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.
	T31S | R12E S18 | S17 S19 | S20 1922
	Deposit a memorial at base of monument, which is a sandstone, 8 x 6 x 5 ins., marked with a cross (X).
	Pits impracticable.
	Land, rolling with a general easterly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

Chains	
	S. 89°57' E., on random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 16, 17, 20 and 21.
	Thence,
	N. 89°59' W., on true line bet. secs. 17 and 20.
	Over rolling top of Lone Cedar Flat through scattering undergrowth of shadscale and sagebrush.
3.00	Draw, 6 ft. deep, drains N.
10.20	Draw, 6 ft. deep, drains N.
14.80	Spur, 70 ft. high, projects N.
30.00	Swale, 20 ft. deep, drains N. 15° E.
39.90	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S17 / S20 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dis
48.80	Draw, 10 ft. deep, drains N. 85° E.
79.80	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling with a general northerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

	S. 89°57' W., on random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
77.26	Intersect the W. bdy. of the township, 10 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., described in the notes of the survey of T. 31 S., R. 11 E. of this group.
	Thence,

Chains	
	S. 89°53' E., on true line bet. secs. 18 and 19.
	Ascend abruptly over broken land through scattering undergrowth of shadscale and sagebrush.
3.80	Gulch, 6 ft. deep, drains NE.; continue abrut ascent.
8.40	Sandstone ledge, 30 ft. high, bears N. 15° E. and S. 15° W.
8.80	Top of ascent, 130 ft. above cor., bears N. 15° E. and S. 15° W.; descend gradually over rolling top of mesa.
32.30	Top of abrupt descent from mesa, 200 ft. below top of abrupt ascent, bears S. and NW.
37.26	On Lone Cedar Flat, at base of abrupt descent, 100 ft. below top of mesa, bears N. and S.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1/4}{S18 \mid S19}$
	Pits impracticable. 1922
	Desposit a memorial at base of monument, which is a sandstone, 8 x 8 x 6 ins., marked with a cross (X).
	Thence over Lone Cedar Flat.
45.00	Road, bears S. 10° E. to South Mountain and N. 10° W. to Hanksville, Utah.
59.30	Draw, 5 ft. deep, drains SE.
70.20	Old road, bears N. to Hanksville, and S. to South Mountain.
77.26	The cor. of secs. 17, 18, 19 and 20, 100 ft. below the $\frac{1}{4}$ sec. cor.
	Land, broken on W. portion of mile, rolling on E. portion.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

N. 0°03' W., bet. secs. 17 and 18.

Chains	
	Across rolling top of Lone Cedar Flat through scatterin undergrowth of shadscale and sagebrush.
16.20	Draw, 6 ft. deep, drains S. 60° E.
27.50	Draw, 6 ft. deep, drains S. 60° E.
34.70	Wash, 15 lks. wide, 3 ft. deep, drains E.
40.00	On rolling land: Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in th ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.

¼
S18 | S17
1922

Deposite a memorial at base of monument, which is a sand- stone, 6 x 6 x 4 ins., marked with a cross (X).

55.00	Draw, 5 ft. deep, drains E.; leave Lone Cedar Flat, bears E. and W; ascend gradually over rolling land.
65.50	Ridge, 110 ft. above flat, bears N. 60° E. and SW.; descend gradually along W. rim of bench.
80.00	On W. rim of bench, 20 ft. below ridge. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.

T31S | R12E
S7 | S8
S18 | S17
1922

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

Land, rolling with a general easterly exposure and drainag

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

Chains	
	S. 89°59' E., on random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect the N. and S. line, 10 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence,
	N. 89°55' W., on true line bet. secs. 8 and 17.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
6.00	Draw, 8 ft. deep, drains NE.; continue gradual ascent.
25.00	Draw, 10 ft. deep, drains N. 80° E.; continue ascent.
32.40	Flat top of ridge, bears NE. and SW.; continue ascent.
39.96	On rolling land, 150 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	¼ S8 / S17
	1922
	Deposit a memorial at base of monument, which is a sandstone, 8 x 6 x 4 ins., marked with a cross (X).
	Pits impracticable.
44.00	Head of draw, 30 ft. deep, drains NE.; continue ascent.
47.30	Spur, 50 ft. high, projects N. 20° E.
51.40	Head of draw, 20 ft. deep, drains N. 30° E.
52.20	Spur, 50 ft. high, projects N.
55.80	Top of ascent, 50 ft. above the ¼ sec. cor., bears N. and S.; descend gradually.
67.80	Draw, 130 ft. below top of ascent, drains N. 15° E.; ascend gradually.
76.80	Top of bench, 110 ft. above draw, bears N. 15° E. and S. 15° W.; thence over rolling top of bench.
79.50	Top of gradual descent from bench, bears N. and S.
79.92	The cor. of secs. 7, 8, 17 and 18, 10 ft. below bench.
	Land, rolling with a general northeasterly exposure and drainage.

Chains	
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.
	S. 89°53' W., on random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
77.18	Intersect the W. bdy. of the township, 12 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. diam., described in the notes pertaining to the survey of T. 31 S., R. 11 E., of this group.
	Thence,
	N. 89°58' E., on true line bet. secs. 7 and 18.
	Descend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
3.60	Draw, 60 ft. below cor., drains N. 10° E.; ascend gradually.
7.50	Spur, 40 ft. above draw, projects N. 10° E.; descend gradually.
14.70	Wash, 40 lks. wide, 3 ft. deep, drains NE.; continue gradual descent.
18.60	Same wash, drains S.
33.20	Same wash, drains NE.; continue gradual descent.
37.00	Wash, 30 lks. wide, 3 ft. deep, drains N.; continue gradual descent.
37.18	On rolling land, 80 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S7 / S18
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Thence, ascend gradually.
40.80	Top of bench, 80 ft. above the ¼ sec. cor., bears N. and S.; thence over rolling top of bench.

Chains	
60.20	Leave top of bench, bears N. and S.; descend gradually.
68.60	Draw, 20 ft. below bench, drains N. 10° E.; ascend gradually.
69.70	Old road, bears N. 10° E. to Hanksville, and S. 10° W. to South Mountain.
77.18	The cor. of secs. 7, 8, 17 and 18, 50 ft. above draw.
	Land, rolling with a general northerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

N. 0°03' W., bet. secs. 7 and 8.

Descend gradually along W. rim of bench through scattering undergrowth of shadscale and sagebrush.

20.00 Leave rim of bench, bears SE. and NW.; descend gradually.

22.00 Draw, 20 ft. deep, drains NW.; continue gradual descent.

40.00 On rolling W. slope of bench, 50 ft. below sec. cor.

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

¼
S7 | S8
1922

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

Thence, ascend gradually.

43.30 Point from bench, 30 ft. above the ¼ sec. cor., projects N. 80° W.; descend gradually.

53.20 Enter bottom of wash, bears N. 15° E. and S. 15° W.; wash drains N. 15° E.

57.40 Leave bottom of wash, bears N. 15° E. and S. 15° W.; continue gradual descent.

68.70 Wash, 40 lks. wide, 3 ft. deep, 80 ft. below point of bench, drains E.; ascend gradually.

Chains	
70.80	Spur, 80 ft. above wash, projects S. 80° E.; descend gradually.
72.30	Draw, 20 ft. below spur, drains S. 80° E.; ascend gradually.
73.80	Top of bench, 60 ft. above draw, bears S. 80° E. and N. 80° W.; thence over rolling top of bench.
80.00	On rolling top of bench. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.

T31S R12E	
S6	S5
S7	S8

1922

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of co
Land, rolling with a general westerly exposure and drainage.
Soil, shallow sandy loam, mixed with loose sandstone.
Undergrowth, scattering shadscale and sagebrush.
No timber.
Fair grazing.

S. 89°55' E., on random line bet. secs. 5 and 8.

40.00 Set temp. ¼ sec. cor.

79.70 Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence,

N. 89°56' W., on true line bet. secs. 5 and 8.

Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.

3.00 Spur, 20 ft. above cor., projects NE.; descend gradually.

7.00 Draw, 20 ft. below spur, drains N. 15° E.; ascend gradually.

14.20 Spur, 20 ft. above draw, projects N. 15° W.; descend gradually.

Chains	
21.50	Draw, 70 ft. below spur, drains N. 10° W.; ascend gradually.
25.30	Spur, 50 ft. above draw, projects N.; descend gradually.
26.50	Base of descent, 60 ft. below spur, bears N. and S.; thence over flat.
28.20	Wash, 10 lks. wide, 3 ft. deep, drains N.
31.60	Wash, 10 lks. wide, 3 ft. deep, drains NE.; ascend gradually.
36.80	Top of bench, 100 ft. above base of descent from spur, bears N. 30° E. and S. 30° W.; thence over rolling top of bench.
39.85	On rolling top of bench.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S5 / S8
	1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
42.00	Leave top of bench, bears N. 30° E. and S. 30° W.; descend gradually.
51.00	Draw, 70 ft. below bench, drains N.; ascend gradually.
54.50	Spur, 40 ft. above draw, projects N.; descend gradually.
61.00	Wash, 50 lks. wide, 3 ft. deep, 30 ft. below spur, drains N.; ascend gradually.
68.00	Top of bench, bears NE. and SW.; thence over rolling top of bench.
79.70	The cor. of secs. 5, 6, 7 and 8, 120 ft. above wash.
	Land, rolling with a general northerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

Chains	
	S. 89°58' W., on random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
77.12	Intersect the W. bdy. of the township, 3 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., with brass cap marked and witnessed as described in the notes of the survey of T. 31 S., R. 11 E., of this group.
	Thence,
	N. 89°59' E., on true line bet. secs. 6 and 7.
	Ascend gradually over rolling land through scattering undergrowth of shadscale and sagebrush.
3.30	Top of bench, 30 ft. above cor., bears NE. and SW.; thence over rolling top of bench.
8.00	Draw, 30 ft. deep, drains N. 20° E., road in bottom of draw, bears N. 20° E. to Hanksville, and S. 20° W. to South Mountain.
37.12	On rolling top of bench.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for ¼ sec. cor., with brass cap marked.
	S6 ¼ S7 1922
	Deposited a memorial at base of monument, which is a sandstone, 6 x 6 x 5 ins., marked with a cross (X).
	Pits impracticable.
77.12	The cor. of secs. 5, 6, 7 and 8.
	Land, rolling with a general northerly exposure and drainage.
	Soil, shallow sandy loam, mixed with loose sandstone.
	Undergrowth, scattering shadscale and sagebrush.
	No timber.
	Fair grazing.

Chains	
	N. 0°03' W., bet. secs. 5 and 6.
	Descend gradually over rolling top of bench through scattering undergrowth of shadscale and sagebrush.
33.50	Leave top of bench, bears N. 80° E. and S. 80° W.; continue gradual descent.
40.00	On rolling land, 100 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked.
	¼ S6 | S5 1922
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
44.00	Wash, 50 lks. wide, 4 ft. deep, 20 ft. below the ¼ sec. cor., drains E.; ascend gradually.
48.30	Spur, 60 ft. above wash, projects NE.; descend gradually.
51.50	Draw, 40 ft. below spur, drains NE.; ascend gradually
60.20	Top of bench, 40 ft. above draw, bears E. and W.; thence over rolling top of bench.
82.00	Leave top of bench, bears SE. and W.; descend gradually.
87.30	Base of descent from bench, bears E. and W.; thence over flat.
98.50	Draw, 210 ft. below bench, drains N. 75° W.; ascend gradually.
102.46	On rolling land, 20 ft. above draw; intersect the Sixth Standard Parallel South, W., 6.22 chs. dist. from the standard cor. of secs. 32 and 33, T. 30 S., R. 12 E., which is an iron post, 2 ins. diam., firmly set in the ground; with brass cap marked.
	S | C T30S | R12E S32 | S33 1921
	Witnessed by a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	At point of intersection.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in t ground, for closing cor. of secs. 5 and 6, with brass cap marked.

T30S R12E
S32

S6 | S5
T31S | R12E
C | C
1922

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

Land, rolling with a general easterly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone.

Undergrowth, scattering shadscale and sagebrush.

No timber.

Fair grazing.

6

Boundaries of T. 31 S., R. 12 E.

Lines designated		True bearing	Distances. chs.	Latitudes. N. chs.	Latitudes. S. chs.	Departures. E. chs.	Departures. W. chs.
E. bdy.	T31S R12E	South	508.47	.....	508.47	.....	.....
S. bdy.	T31S R12E	West	477.74	.....	.....	.....	477.74
W. bdy.	T31S R12E	North	509.52	509.52	.....	.....	.....
6th St.	P.S. R12E	East	403.35	.....	.....	403.35	.....
6th St.	P.S. R13E	East	72.61	.....	.....	72.61	.....
Convergency			.57	.....	.....	.57	.....
				509.52	508.47	476.53	477.74
				508.47			476.53
Errors in lat. and dep.				1.05			1.21

General Description of T. 31 S., R. 12 E.

The land embraced in this township, in general consists of desert land, broken in places by deep box canyons and sandstone ledges. The largest of these box canyons is Poison Spring Box Canyon, which drains in a south-easterly direction through the northeast corner of the

Chains

township. This canyon in most places is inaccessible on account of the perpendicular sandstone walls on each side of the canyon. A portion of the west range of secs. is broken by the east points of a high mesa.

The only permanent water in the township is a small seep of good water in the bottom of Poison Spring Box Canyon in sec. 12.

A road in the western portion of the township which is in poor condition, bears in a northerly direction to Hanksville, Ut., and in a southerly direction to South Mountain. An old dim road which bears in a southeasterly direction, to Hite on the Colorado River, leaves the Hanksville to South Mountain road in sec. 19.

The extreme eastern portion of the township, is covered with a scattering growth of scrub cedar timber. Outside of a few scattering lone cedar trees in the west portion of the township, this was the only timber found.

The entire township is covered with a scattering undergrowth of shadscale, sagebrush and bunch grass and is used for a grazing range for stock during both winter and summer months.

No portion of the township is suitable for farming purposes.

The soil consists of a shallow sandy loam, mixed with loose sandstone.

No settlers or improvements were found on the township at the time of the survey.

No indications of mineral were found.

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

Elmer L. Smith

U.S. Transitman.

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Page

BOOK A-455

4—680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Ralph Chamberlin	1st Chainman
Dilworth S. Woolley	2nd Chainman
Edward Eliason	Flagman
Kenneth McDougall	Flagman
Farrell Adams	Axeman

6—2764

CERTIFICATE OF UNITED STATES ~~SURVEYOR.~~ Transitman.

I, Elmer L. Smith, U. S. ~~Surveyor~~ Transitman, hereby certify upon honor that, in pursu
of special instructions received from the U. S. Surveyor General for Utah
bearing date of the 3rd day of February, 1917, I have well, faithfully, and
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Ins
tions, and the laws of the United States, surveyed all those parts or portions of the east and so
boundaries and subdivision of T. 31 S., R. 12 E.

of the Salt Lake Ba
And Meridian, in the State of Utah, which are represente
the foregoing field notes and date diagram as having been executed by me, and under my direction; and on dates shown on date diagram and that all the corne
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.

Salt Lake City, Utah.
March 10, 1923.

Elmer L. Smith
U.S. Transitman U. S. Surve

APPROVAL.

Office of the United States Surveyor General,

Salt Lake City, Utah, Apr. 13 19

The foregoing field notes of the survey of the east and south boundaries and the
subdivisional lines of Township No. 31 South, Range No. 12 East of
the Salt Lake Base and Meridian, Utah,

executed by Elmer L. Smith
under ~~his~~ special instructions dated February 3, 1917, 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 Genera

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

U. S. Surveyor General

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Page

BOOK A-455

4—679

B

FIELD NOTES

OF THE SURVEY OF THE

SOUTH, EAST AND NORTH BOUNDARIES, AND THE SUBDIVISION

OF

T. 16 S., R. 23 E.

Of the Salt Lake Base and ..... *Meridian,*

In the State of Utah.

EXECUTED BY

Frank W. Chapin, U. S. Surveyor.

Harold S. Paul, U. S. Transitman.

In the capacity of U. S. Surveyor and U. S. Transitman *under instructions dated* February 26, 19X21, *issued by the United States Surveyor General to govern surveys included in Group No.* 87, *which were approved by the Commissioner of the General Land Office,* March 25, 19X21.

Assignment Instructions dated May 8, 1922.

Survey commenced June 10, 19X22.

Survey completed August 8, 19X22.

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BOOK A-455

INDEX DIAGRAM.

Township 16 South, *Range* 23 East.

20	21	23	24	25	26
6 96 5 76 4 63 3 51 2 39 1 19 95 94 75 63 50 38					
7 93 8 75 9 61 10 50 11 37 12 18 92 91 74 61 49 36					
18 89 17 73 16 59 15 47 14 34 13 16 88 87 71 58 46 33					
19 86 20 70 21 57 22 45 23 32 24 15 84 83 68 56 43 31					
30 82 29 67 28 54 27 42 26 30 25 13 80 79 66 54 41 28					
31 77 32 64 33 52 34 40 35 27 36 12 4 5 7 8 9 11					

FIELD NOTES

BOOK A-455

OF THE SURVEY OF THE

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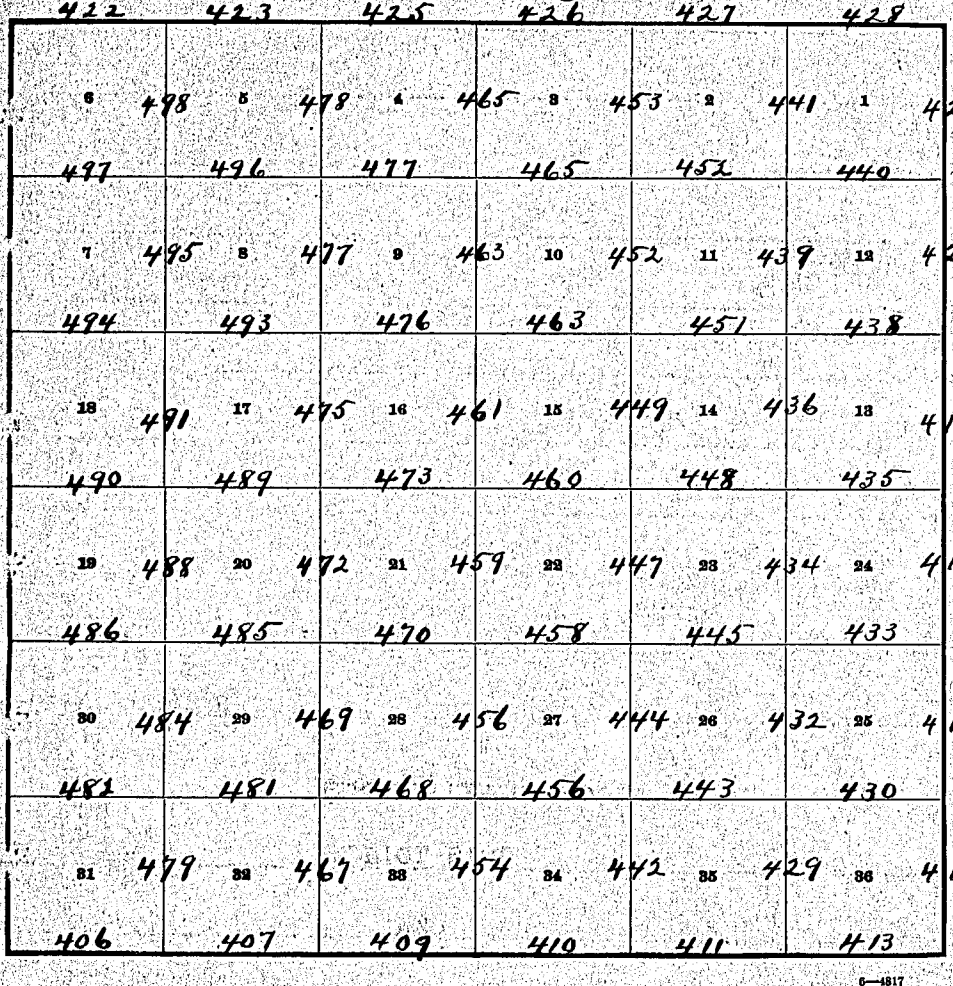
INDEX DIAGRAM.

Township 16 S, Range 23 E



6—4817

T. 16 S., R. 23 E.

DATE DIAGRAM

OF

T. 16 S., R. 23 E.

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

Lines dated and colored in black were surveyed by Frank W. Chapin, U. S. Surveyor.

Lines dated and colored in red were surveyed by Harold S. Paul, U. S. Transitman.

Survey commenced June 10, 1922, and executed jointly by Frank W. Chapin, U. S. Surveyor, and Harold S. Paul, U. S. Transitman, with Young and Sons transits Nos. 8522 and 8584, 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 single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and full vertical circles.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for Utah in Assignment Instructions dated May 8, 1922.

June 9, 1922, at camp, in sec. 24, T. 16 S., R. 22 E., in approximate latitude 39°25' N., in approximate longitude 109°27' W., I examine the adjustments of the instruments and correct all errors. Then, to test the solar attachments by comparing their indications resulting from solar observations made during a. m. and p. m. hours with a meridian established by observations made on Polaris, I proceed as follows:

June 10, 1922, at 2h 24.6m, 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 with a nail in a peg driven firmly in the ground approximately eight chains N. of my station.

At 7 a. m., apparent time, I lay off the azimuth of Polaris, 1°26' to the west, and mark a point in the meridian determined, with a tack in a peg driven firmly in the ground, about eight chains N. of my station.

Test of Instrument No. 8522.

June 10, 1922, at 9h 0m, a. m., apparent time, I set off 39°25' N., on the lat. arc; 23°0' N., on the decl. arc; and determine a meridian with the solar which I find to agree within 30 seconds of the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 23° 0' 30" N., which agrees within less than one half minute of the computed declination of the sun.

At 3h 0m, p. m., apparent time, I set off 23°01' N., on

the decl. arc; and with the lat. arc unchanged, determine a meridian with the solar which agrees within less than one minute of the true meridian.

Test of Instrument No. 8584.

June 10, 1922, at 9h 0m, a. m., apparent time, I set off 39°25' N., on the lat. arc; 23°00' N., on the decl. arc; and determine a meridian with the solar which falls one minute E. of the meridian established by observations on Polaris.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 23°00' N., which agrees within a few seconds of the calculated declination of the sun.

At 3h 0m, p. m., apparent time, with the lat. arc unchanged, I set off 23°01' N., on the decl. arc; and note that the meridian determined with the solar falls about one half minute W. of the true meridian.

As the instruments by hourly a. m. and p. m. solar observations define positions for meridians that do not differ more than one minute from the meridian established by observations on Polaris, I conclude that the adjustments of the transits are satisfactory.

Meridians were also established at camps in secs. 2, 9, 14 and 26, by direct solar observations on the sun, or by observing Polaris; latitude and declination tests were made whenever practicable, and from repeated tests of the solar attachments, the instruments were known to be in adjustment during the progress of the survey of this township.

All measurements were taken with Lallie five chain 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 the use of clinometers.

For tests of the instruments at the completion of the survey of this township, see tests at the beginning of

South Boundary of T. 16 S., R. 23 E.

Chains.	the finished field notes of T. 15½ S., R. 23 E.
	South Boundary of T. 16 S., R. 23 E.
	From the cor. of Tps. 16 and 17 S., Rs. 22 and 23 E., heretofore described in the finished field notes of T. 16 S., R. 22 E.
	East on a true line bet. secs. 6 and 31, along the S. bdy. of T. 16 S., R. 23 E.
	Over nearly level bottom of canyon, through dense undergrowth and scattering timber.
2.50	Dry wash, 40 lks. wide, 4 ft. deep, in the bottom of canyon, 5 ft. below Tp. cor., course SE.
5.50	Leave bottom of canyon, 5 ft. above wash; begin abrupt ascent of 330 ft. over rough SW. slope, through a medium growth of timber, bearing NW. and SE.
17.00	Spur, projects S. approximately 10.00 chs. dist.; desc. abruptly 30 ft.
20.30	Ravine, course S.; asc. abruptly 240 ft.
27.10	Spur, projects S. approximately 10.00 chs. dist.; desc. abruptly 360 ft. to ¼ sec. cor., over rugged E. slope.
37.64	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 31 / S 6 1922 from which,
	A fir, 12 ins. diam., bears N.35°30'W., 21 lks. dist., marked ¼ S 31 B T.
	A cedar, 6 ins. diam., bears S.1°30'E., 74 lks. dist., marked ¼ S 6 B T.
42.70	Ravine, 145 ft. below ¼ sec. cor., course S.; asc. abruptly 990 ft.
73.70	Spur, projects S.; desc. abruptly 250 ft. to
77.64	True point for cor. of secs. 5, 6, 31 and 32 falls on a perpendicular ledge, 30 ft. high, bearing N. and S.,

South Boundary of T. 16 S., R. 23 E.

Chains.

where it is impracticable to set an iron post or make a cross (X).

78.64 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 witness cor. of secs. 5, 6, 31 and 32, with brass cap mkd:

T16S | R23E
WC S31 | S32
S6 | S5
T17S
1922

from which,

A pinon pine, 12 ins. diam., bears N.22°E., 30 lks. dist., marked W C T 16 S R 23 E S 32 B T.

A cedar, 6 ins. diam., bears S.13°E., 51 lks. dist., marked W C T 17 S R 23 E S 5 B T.

A pinon pine, 4 ins. diam., bears S.8°45'W., 70 lks. dist., marked W C T 17 S R 23 E S 5 B T.

A pinon pine, 10 ins. diam., bears N.12°30'W., 42 lks. dist., marked W C T 16 S R 23 E S 32 B T.

This witness cor. is located 60 ft. below the true point for cor. of secs. 5, 6, 31 and 32.

Land, abrupt and rough mountainous, draining S.; outcroppings, broken and perpendicular ledges of sandstone.

Soil, shallow and rocky red sand; sandy loam several ft. deep in the bottoms of ravines and canyon.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, sagebrush, service berry bushes, young mahogany, oak and buck brush.

Scattering growth of bunch grass.

From the true point for cor. of secs. 5, 6, 31 and 32, East bet. secs. 5 and 32.

Desc. abruptly 770 ft. to ¼ sec. cor., over rough E. slope, through a medium growth of timber and dense undergrowth.

1.00 The witness cor. of secs. 5, 6, 31 and 32.

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

South Boundary of T. 16 S., R. 23 E.

Chains.	
	the ground to solid rock and in a mound of stone, for ¼ sec. cor., with brass cap mkd: ¼ S 32 / S 5 / 1922 and deposit a stone marked with a cross (X), in the hole beside the post, as there are no trees available suitable for marking.
50.00	Leave timber, bears N. and S.
54.10	Wagon road bears N. to the Meadow Creek Ranch and S. to Cisco, Utah.
56.60	Dry wash, 30 lks. wide, 2 ft. deep, in the bottom of Hay Canyon, 115 ft. below ¼ sec. cor., course S.; asc. 90 ft.
62.00	Enter a medium growth of timber, bears N. and S.
67.80	Spur, projects S. approximately 2.00 chs. dist.; desc. 130 ft.
75.90	Ravine, course S.; asc. 130 ft. to
80.00	True point for cor. of secs. 4, 5, 32 and 33, falls on broken ledges where it is impracticable to set the iron post or make a cross (X).
81.00	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 witness cor. of secs. 4, 5, 32 and 33, with brass cap mkd: T16S | R23E / WC S32 | S33 / S5 | S4 / T17S / 1922 from which,
	A pinon pine, 12 ins. diam., bears N.60°40'E., 36 lks. dist., marked W C T 16 S R 23 E S 33 B T.
	A cedar, 6 ins. diam., bears S.0°15'E., 27 lks. dist., marked W C T 17 S R 23 E S 4 B T.
	A pinon pine, 8 ins. diam., bears S.44°W., 23 lks. dist., marked W C T 17 S R 23 E S 4 B T.
	A pinon pine, 10 ins. diam., bears N.67°W., 33 lks. dist., marked W C T 16 S R 23 E S 33 B T.

South Boundary of T. 16 S., R. 23 E.

Chains.	
	Land, abrupt mountains and rough with outcroppings and broken ledges of sandstone formation; general drainage S.
	Soil, shallow and rocky red sand; sandy loam several ft. deep in the bottoms of ravines and Hay Canyon.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, service berry bushes, young mahogany and balsam, oak and buck brush.
	Scattering growth of bunch grass.
	From the true point for cor. of secs. 4, 5, 32 and 33, East bet. secs. 4 and 33.
	Asc. 100 ft. along NW. slope, through a medium growth of timber and dense undergrowth.
1.00	The witness cor. of secs. 4, 5, 32 and 33, 30 ft. above the true point.
11.50	Spur, projects SW. approximately 3.00 chs. dist.; desc. 15 ft.
16.30	Draw, course S.15°W.; asc. 385 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 33 / S 4 / 1922 from which,
	A fir, 24 ins. diam., bears N.37°W., 44 lks. dist., marked ¼ S 33 B T.
	A pinon pine, 6 ins. diam., bears S.2°15'E., 40 lks. dist., marked ¼ S 4 B T.
45.10	Spur, 175 ft. above ¼ sec. cor., projects SW.; desc. 115 ft.
52.40	Draw, course SE.; asc. 90 ft.
56.20	Spur, projects SE.; desc. 215 ft.
63.50	Draw, course SE.; asc. 110 ft.
72.20	Spur, projects SE.; desc. 105 ft.
77.00	Draw, course SE.; asc. 20 ft. to

South Boundary of T. 16 S., R. 23 E.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock and in a mound of stone, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd:

T16S | R23E
S33 | S34
S4 | S3

T17S
1922

from which,

A pinon pine, 8 ins. diam., bears N.32°45'E., 65 lks. dist., marked T 16 S R 23 E S 34 B T.

A pinon pine, 10 ins. diam., bears S.82°15'E., 58 lks. dist., marked T 17 S R 23 E S 3 B T.

A pinon pine, 6 ins. diam., bears S.30°45'W., 107 lks. dist., marked T 17 S R 23 E S 4 B T.

A pinon pine, 6 ins. diam., bears N.62°W., 146 lks. dist., marked T 16 S R 23 E S 33 B T.

Land, rough mountainous, with outcroppings and ledges of sandstone formation; drainage SW., W. 45.10 chs.; E. 34.90 chs. drains SE.

Soil, shallow and rocky red sand; deep sandy loam in the bottoms of draws and ravines.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, service berry bushes, young mahogany, oak and buck brush.

Fair grazing land.

East bet. secs. 3 and 34.

Asc. 40 ft. over SW. slope, through a medium growth of timber and dense undergrowth.

5.90 Spur, projects SE.; desc. 495 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 34
S 3
1922

from which,

A pinon pine, 6 ins. diam., bears N.70°15'E., 46 lks. dist., marked ¼ S 34 B T.

South Boundary of T. 16 S., R. 23 E.

Chains.	
	A pinon pine, 6 ins. diam., bears S.2°15'W., 43 lks. dist., marked ¼ S 3 B T.
45.80	Leave timber, bears N. and S.
46.00	Leave undergrowth of service berry bushes, oak and buck brush, bears N. and S., and enter dense sagebrush.
54.70	Dry wash, 30 lks. wide, 2 ft. deep, in the bottom of canyon, 205 ft. below ¼ sec. cor., course S.; asc. 530 ft. to sec. cor.
54.90	Leave sagebrush, bears N. and S., and enter dense service berry bushes, young mahogany, oak and buck brush.
55.10	Enter a medium growth of timber, 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. 2, 3, 34 and 35, with brass cap mkd: T16S | R23E S34 | S35 S3 | S2 T17S 1922 from which, A pinon pine, 5 ins. diam., bears N.61°E., 55 lks. dist., marked T 16 S R 23 E S 35 B T. A pinon pine, 6 ins. diam., bears S.18°15'E., 26 lks. dist., marked T 17 S R 23 E S 2 B T. A pinon pine, 4 ins. diam., bears S.53°45'W., 30 lks. dist., marked T 17 S R 23 E S 3 B T. A pinon pine, 6 ins. diam., bears N.50°15'W., 32 lks. dist., marked T 16 S R 23 E S 34 B T.
	Land, rough mountainous of sandstone formation; drainage S.
	Soil, shallow and rocky red sand; deep sandy loam in the bottom of canyon.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, service berry bushes, young mahogany, oak and buck brush.
	Fair grazing of grass and browse.
	East bet. secs. 2 and 35.
	Asc. abruptly 210 ft. over rough W. slope, through

South Boundary of T. 16 S., R. 23 E.

Chains.	
	heavy timber and dense undergrowth.
17.20	Spur, projects S.; desc. 125 ft.
28.00	Dry wash, 15 lks. wide, 2 ft. deep, in the bottom of draw, course SE.; asc. 40 ft. to ¼ sec. cor.
36.00	Dry wash, 15 lks. wide, 2 ft. deep, course S.
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 35 / S 2 / 1922 from which, A cedar, 20 ins. diam., bears N.7°30'W., 29 lks. dist., marked ¼ S 35 B T. A pinon pine, 7 ins. diam., bears S.26°45'E., 29 lks. dist., marked ¼ S 2 B T.
42.10	Spur, 25 ft. above ¼ sec. cor., projects S.; desc. 65 ft.
49.70	Draw, course S.; asc. 85 ft.
66.00	Spur, projects SE.; desc. 195 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, 2, 35 and 36, with brass cap mkd: T16S | R23E / S35 | S36 / S2 | S1 / T17S / 1922 from which, A pinon pine, 8 ins. diam., bears N.65°30'E., 26 lks. dist., marked T 16 S R 23 E S 36 B T. A pinon pine, 6 ins. diam., bears S.57°30'E., 13 lks. dist., marked T 17 S R 23 E S 1 B T. A cedar, 12 ins. diam., bears S.77°W., 15 lks. dist., marked T 17 S R 23 E S 2 B T. A pinon pine, 7 ins. diam., bears N.33°45'W., 31 lks. dist., marked T 16 S R 23 E S 35 B T.

Land, rough mountainous, with outcroppings and ledges of sandstone formation; drainage generally to the SE.

Soil, shallow and rocky red sand; sandy loam several ft. deep in the bottoms of draws and ravines.

South Boundary of T. 16 S., R. 23 E.

Chains.	
	Timber, medium to a heavy growth of cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, oak and buck brush.
	Fair growth of grass and browse.
	East bet. secs. 1 and 36.
	Desc. abruptly 510 ft., over rough NE. slope, through heavy timber and dense undergrowth.
14.90	Perpendicular ledge, 85 ft. high, bears NW. and SE.
21.70	Ravine, course SE.; asc. 405 ft. to
40.00	On top of spur, projecting SE., 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 36 / S 1 / 1922

from which,

A pinon pine, 8 ins. diam., bears N.7°15'E., 18 lks. dist., marked ¼ S 36 B T.

A pinon pine, 12 ins. diam., bears S.1°15'E., 65 lks. dist., marked ¼ S 1 B T.

52.00	Middle Canyon, 490 ft. below ¼ sec. cor., course SE.; asc. abruptly 135 ft.
59.10	Spur, projects NW.; desc. 15 ft.
60.30	Draw, course NW.; asc. abruptly 560 ft. to
80.00	On the rugged E. side of Middle Canyon, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground to solid rock and in a mound of stone, for cor. of Tps. 16 and 17 S., Rs. 23 and 24 E., with brass cap mkd:

T16S
R23E | R24E
S36 | S31
S1 | S6
T17S
1922

from which,

A pinon pine, 12 ins. diam., bears N.39°45'E., 70 lks. dist., marked T. 16 S R 24 E S 31 B T.

A pinon pine, 10 ins. diam., bears S.72°E., 13 lks. dist., marked T 17 S R 24 E S 6 B T.

East Boundary of T. 16 S., R. 23 E.

Chains.	
	A fir, 12 ins. diam., bears S.13°30'W., 78 lks. dist., marked T 17 S R 23 E S 1 B T.
	A fir, 24 ins. diam., bears N.42°W., 38 lks. dist., marked T 16 S R 23 E S 36 B T.
	Land, abrupt sides of ravine and Middle Canyon with sandstone outcroppings, broken and perpendicular ledges from 10 to 130 ft. high; general drainage SE.
	Soil, shallow and rocky red sand on sides of ravine and Middle Canyon; deep sandy loam in the bottoms of ravine and canyon.
	Timber, medium to a heavy growth of cedar, fir, balsam, pinon pine, mahogany and yellow pine.
	Undergrowth, sagebrush, service berry bushes, oak and buck brush.
	Scattering growth of grass.

East Boundary of T. 16 S., R. 23 E.

	From the cor. of Tps. 16 and 17 S., Rs. 23 and 24 E., North on a true line bet. secs. 31 and 36, along the E. bdy. of T. 16 S., R. 23 E.
	Asc. 35 ft. over rough S. slope, through a medium growth of timber and dense undergrowth.
5.00	Spur, projects W.; desc. 455 ft. across the head of draw, draining W.
19.00	Spur, projects W.; desc. 70 ft.
29.00	Ravine, course W.; asc. 30 ft.
34.10	Spur, projects W.; desc. 80 ft.
37.00	Draw, course W.; asc. 90 ft. to
40.00	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: $\frac{1}{4}$ / S 36 | S 31 / 1922 from which, A fir, 12 ins. diam., bears S.30°45'E., 40 lks. dist., marked $\frac{1}{4}$ S. 31 B T.

East Boundary of T. 16 S., R. 23 E.

Chains	
	A pinon pine, 10 ins. diam., bears N.48°W., 19 lks. dist., marked ½ S 36 B T.
43.80	Spur, 105 ft. above ¼ sec. cor., projects W.; desc. abruptly 405 ft.
79.00	Middle Canyon, course SW.; asc. gradually 5 ft. to
80.00	On the NW. edge of bottom of Middle Canyon, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground to solid rock and in a mound of stone, for cor. of secs. 25, 30, 31 and 36, with brass cap mkd:

T16S

R23E	R24E
S25	S30
S36	S31

1922

from which,

A fir, 12 ins. diam., bears N.89°45'E., 173 lks. dist., marked T 16 S R 24 E S 30 B T.

A fir, 12 ins. diam., bears S.17°E., 133 lks. dist., marked T 16 S R 24 E S 31 B T.

A fir, 12 ins. diam., bears S.29°30'W., 56 lks. dist., marked T 16 S R 23 E S 36 B T.

A fir, 18 ins. diam., bears N.32°30'W., 61 lks. dist., marked T 16 S R 23 E S 25 B T.

Land, abrupt and rough E. side of Middle Canyon with sandstone outcroppings, and series of broken and perpendicular ledges, 10 to 100 ft. high, S. 79.00 chs.; nearly level bottom of Middle Canyon, N. 1.00 ch.; drainage W.

Soil, red sand and sandy loam, lying on bedrock; deep sandy loam in bottom of Middle Canyon.

Timber, medium to a heavy growth of cedar, fir, balsam, pinon pine, mahogany and yellow pine.

Undergrowth, service berry bushes, oak and buck brush.

Scattering growth of grass.

North bet. secs. 25 and 30.

Asc. abruptly 570 ft. to ¼ sec. cor., over a general SE. slope, through scattering timber and dense undergrowth.

East Boundary of T. 16 S., R. 23 E.

Chains.	
0.50	Base of series of broken and perpendicular ledges, 10 to 100 ft. high, bears NE. and SW.
7.80	Leave series of ledges, bears NE. and SW.
17.50	Top of perpendicular ledge, 65 ft. high, bears E. and W.
28.80	Top of perpendicular ledge, 70 ft. high, bears E. and NW.
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 25 | S 30 1922 from which, A pinon pine, 6 ins. diam., bears S.58°45'E., 14 lks. dist., marked ¼ S 30 B T. A pinon pine, 12 ins. diam., bears N.89°45'W., 24 lks. dist., marked ¼ S 25 B T.
49.30	Top of perpendicular ledge, 65 ft. high, bears W. and N.10°E.
59.40	Spur, 230 ft. above ¼ sec. cor., projects SW.; desc. 380 ft. over rough NW. slope to sec. cor.
68.50	Top of perpendicular ledge, 65 ft. high, bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 3 ins. in the ground to solid rock and in a mound of stone, for cor. of secs. 19, 24, 25 and 30, with brass cap mkd: T16S R23E | R24E S24 | S19 S25 | S30 1922 from which, A fir, 12 ins. diam., bears N.62°15'E., 28 lks. dist., marked T 16 S R 24 E S 19 B T. A fir, 8 ins. diam., bears S.37°E., 67 lks. dist., marked T 16 S R 24 E S 30 B T. A fir, 16 ins. diam., bears S.10°30'W., 33 lks. dist., marked T 16 S R 23 E S 25 B T. A fir, 16 ins. diam., bears N.43°15'W., 48 lks. dist., marked T 16 S R 23 E S 24 B T. Land, abrupt sides of ravines and canyon, with sandstone

East Boundary of T. 16 S., R. 23 E.

Chains.	
	outcroppings, and series of broken and perpendicular ledges; general drainage SW.
	Soil, rocky red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, oak and buck brush, and young mahogany, cedar and pinon pine.
	Scattering growth of grass.
	North bet. secs. 19 and 24.
	Desc. abruptly 130 ft. over rough NW. slope, through a medium growth of timber and dense undergrowth.
5.00	Ravine, course E.; asc. 330 ft.
18.90	Spur, projects E.; desc. 295 ft.
28.30	Draw, course NE.; asc. 80 ft.
30.50	Spur, projects E.; desc. 105 ft. to
40.00	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:

$\frac{1}{4}$

S 24 | S 19

1922

from which,

A pinon pine, 12 ins. diam., bears S.20°15'E., 27 lks. dist., marked $\frac{1}{4}$ S 19 B T.

A pinon pine, 18 ins. diam., bears S.50°W., 64 lks. dist., marked $\frac{1}{4}$ S 24 B T.

42.70	Ravine, 45 ft. below $\frac{1}{4}$ sec. cor., course S.60°E.; asc. 435 ft. over SW. slope to sec. cor.
51.80	Top of perpendicular ledge, 45 ft. high, bears NW. and SE.
80.00	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:

T16S

R23E | R24E

S13 | S18

S24 | S19

1922

from which,

A cedar, 10 ins. diam., bears N.26°45'E., 88

East Boundary of T. 16 S., R. 23 E.

Chains.

lks. dist., marked T 16 S R 24 E S 18 B T.

A pinon pine, 12 ins. diam., bears S.56°30'E., 92 lks. dist., marked T 16 S R 24 E S 19 B T.

A pinon pine, 10 ins. diam., bears S.24°45'W., 43 lks. dist., marked T 16 S R 23 E S 24 B T.

A pinon pine, 10 ins. diam., bears N.13°45'W., 52 lks. dist., marked T 16 S R 23 E S 13 B T.

Land, abrupt and rough mountainous of shale and sandstone formation; general drainage E. to fork of Middle Canyon.

Soil, shallow and rocky red sand and sandy loam, lying on bedrock.

Timber, a medium to a heavy growth of cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, service berry bushes, oak and buck brush, young mahogany, fir and pinon pine.

Fair growth of grass and browse.

North bet. secs. 13 and 18.

Asc. 265 ft. over rough SW. slope, through heavy timber and dense undergrowth.

12.10 Spur, projects S.20°E.; desc. 360 ft.

31.50 Ravine, course S.70°E.; asc. abruptly 335 ft. over rugged SW. slope to

40.00 True point for ¼ sec. cor. falls on a perpendicular ledge, 75 ft. high, bearing N.60°W. and S.60°E., where it is impracticable to set post or chisel a cross (X).

41.10 On top of spur, projecting SE., and 20 ft. above the true point, set an iron post, 3 ft. long, 1 in. in diam., 3 ins. in the ground to solid rock and in a mound of stone, for witness ¼ sec. cor., with brass cap mkd:

¼

S 13 | S 18

WC

1922

from which,

A pinon pine, 10 ins. diam., bears N.63°15'E., 76 lks. dist., marked W C ¼ S 18 B T.

East Boundary of T. 16 S., R. 23 E.

Chains.	
	A pinon pine, 10 ins. diam., bears S.14°45'W., 61 lks. dist., marked W C ¼ S 13 B T.
55.80	Ravine, 145 ft. below witness ¼ sec. cor., course SE.; asc. 145 ft.
59.70	Spur, projects SE.; desc. 130 ft.
69.70	Ravine, course S.20°E.; asc. abruptly 435 ft. over series of broken ledges, 10 to 100 ft. high, bearing NE. and SW., to
80.00	On a general SE. slope, true point for cor. of secs. 7, 12, 13 and 18, falls on a sloping ledge, 30 ft. high, bearing NE. and SW., making it impracticable to set the iron post at the cor. point; therefore I chisel a cross (X) at the true point, and N.89°58'W. 5 lks. dist. from the cross (X), set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) cut into bedrock, and in a mound of stone, for witness cor. of secs. 7, 12, 13 and 18, with brass cap mkd:

T16S
R23E | R24E
S12 | S7 — WC
S13 | S18
1922

from which,

A pinon pine, 12 ins. diam., bears N.12°30'E., 79 lks. dist., marked W C T 16 S R 24 E S 7 B T.

A fir, 20 ins. diam., bears S.21°30'E., 183 lks. dist., marked W C T 16 S R 24 E S 18 B T.

A pinon pine, 12 ins. diam., bears S.51°30'W., 37 lks. dist., marked W C T 16 S R 23 E S 13 B T.

A sandstone boulder, 5 ft. diam., bears N.43°15'W., 25 lks. dist., marked W C X 12 B O.

Land, abrupt and rough mountainous; shale and sandstone exposed in the form of outcroppings, broken and perpendicular ledges; drainage SE. into fork of Middle Canyon.

Soil, shallow, rocky red sand and sandy loam, lying on bedrock.

Timber, a medium to a heavy growth of cedar, fir, balsam, pinon pine and mahogany.

East Boundary of T. 16 S., R. 23 E.

Chains.	
	Undergrowth, service berry bushes, young mahogany, oak and buck brush.
	Fair grazing of grass and browse.
	North bet. secs. 7 and 12.
	Asc. abruptly 720 ft. over rough SE. slope, through heavy timber and dense undergrowth.
27.40	Leave timber, bears N.60°E. and S.60°W.
27.60	Leave outcroppings and ledges, bear NE. and SW., at the top of abrupt ascent, bearing N.60°E. and S.60°W.; asc. gradually 5 ft.
27.80	Wagon road, bears N.60°E. and S.60°W.
30.70	Top of the main divide bet. the forks of Middle and Main Canyons, bears N.60°E. and S.60°W.; desc. gradually 20 ft. to
40.00	On a NW. slope, 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: $\frac{1/4}{S\ 12 \mid S\ 7}$ 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
58.50	Leave undergrowth, bears NW. and SE., and enter grove of aspen timber.
61.70	Leave grove of timber, bears NW. and SE., and enter dense undergrowth, in the bottom of draw, draining NW., 260 ft. below $\frac{1}{4}$ sec. cor.; asc. gradually 25 ft.
72.60	Low spur, projects NW.; desc. 70 ft. to
80.00	In the bottom of draw, draining 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: T16S / R23E | R24E / S1 | S6 / S12 | S7 / 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

East Boundary of T. 16 S., R. 23 E.

Chains.	
	Land, abrupt SE. slope with outcroppings and ledges of shale and sandstone formation, S. 27.60 chs.; rolling mountainous, N. 52.40 chs.; drainage SE. to fork of Middle Canyon, S. 27.60 chs.; remainder of mile drains NW. to Main Canyon.
	Soil, shallow and rocky red sand and sandy loam, lying on bedrock, S. 27.60 chs.; deeper sandy loam on the rolling mountainous portion of mile.
	Timber, scattering to a heavy growth of cedar, fir, balsam, pinon pine and mahogany; grove of aspen.
	Fair growth of grass and browse, S. 27.60 chs.; excellent growth of bunch grass, N. 52.40 chs.
	North bet. secs. 1 and 6.
	Asc. 225 ft. over SW. slope, through dense undergrowth.
15.50	Top of ascent, bears NW. and SE.; desc. 190 ft.
25.20	Draw, course W.; asc. 230 ft. to $\frac{1}{4}$ sec. cor.
27.10	Perpendicular ledge, 10 ft. high, bears E. and W.
40.00	On a gradual S. slope, 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: $\frac{1}{4}$ / S 1 | S 6 / 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
58.00	Spur, 60 ft. above $\frac{1}{4}$ sec. cor., projects N.70°W.; desc. gradually 105 ft. to
80.00	Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for cor. of Tps. 15½ and 16 S., Rs. 23 and 24 E., with brass cap mkd: T15½ S / R23E | R24E / S36 | S31 / S1 | S6 / T16S / 1922 and raise a mound of stone, 2 ft. base, 2 ft. high, S. of cor.

North Boundary of T. 16 S., R. 23 E.

Chains.	
	Land, rolling mountainous with general drainage NW. to Main Canyon; shale and sandstone formation; general northern exposure.
	Soil, rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, scattering cedar, balsam and pinon pine.
	Undergrowth, scattering to a dense growth of sagebrush, service berry bushes, oak and buck brush.
	Good grazing land.

North Boundary of T. 16 S., R. 23 E.

From the cor. of Tps. 15½ and 16 S., Rs. 23 and 24 E., West on a random line along the N. bdy. of T. 16 S., R. 23 E., setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs.; and at 477.02 chs., intersect the W. bdy. of the Tp., 19 lks. S. of the cor. of Tps. 15½ and 16 S., Rs. 22 and 23 E., which is an iron post, 3 ins. in diam., extending 12 ins. above ground, firmly set, correctly marked, and witnessed by bearing trees, one in each sec. The falling answers to a correction of 0°01', or 3 lks. N. per mile, counting from the NE. cor. of the Tp.

Thence,

S.89°59'E. on a true line bet. secs. 6 and 31, along the N. bdy. of T. 16 S., R. 23 E.

Over nearly level land, through dense sagebrush.

37.02 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 31 / S 6 / 1922

from which,

A pinon pine, 12 ins. diam., bears N.84°E., 383 lks. dist., marked ¼ S 31 B T.

A pinon pine, 12 ins. diam., bears S.66°E., 357 lks. dist., marked ¼ S 6 B T.

North Boundary of T. 16 S., R. 23 E.

Chains.	
40.90	Enter a medium growth of timber, bears NE. and SW.
41.00	Leave dense sagebrush, bears N. and S., and enter dense service berry bushes, oak and buck brush; leave level land; begin descent of 75 ft. over NE. slope.
47.70	Draw, course NE.; asc. 45 ft.
50.80	Top of knoll; desc. 35 ft.
60.50	Draw, course NW.; asc. 90 ft. to
77.02	On top of spur, projecting N., 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: T15½S | R23E / S31 | S32 / S6 | S5 / T16S / 1922 from which, A pinon pine, 8 ins. diam., bears N.83°E., 26 lks. dist., marked T 15½ S R 23 E S 32 B T. A pinon pine, 18 ins. diam., bears S.61°15'E., 69 lks. dist., marked T 16 S R 23 E S 5 B T. A pinon pine, 12 ins. diam., bears S.59°W., 62 lks. dist., marked T 16 S R 23 E S 6 B T. A pinon pine, 12 ins. diam., bears N.10°W., 9 lks. dist., marked T 15½ S R 23 E S 31 B T.

Land, nearly level, W. 41.00 chs.; rolling mountainous, E. 36.02 chs.; shale and sandstone formation; drainage SW., W. 41.00 chs.; remainder of mile drains NE.

Soil, sandy loam several ft. deep, on level land; shallow and rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock, on rolling mountainous portions.

Timber, cedar, fir, balsam and pinon pine.

Undergrowth, sagebrush, service berry bushes, young mahogany and oak brush.

Good grazing land.

S.89°59'E. bet. secs. 5 and 32.

Desc. 335 ft. over E. slope, through heavy timber and dense undergrowth.

North Boundary of T. 16 S., R. 23 E.

Chains.

14.60 Draw, course N.; asc. abruptly 340 ft.

24.80 Top of abrupt ascent, bears N. and S.; asc. gradually 85 ft. to ¼ sec. cor.

25.00 Leave heavy timber and enter scattering, bears N. and S.

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:

$$\frac{\frac{1}{4}\ \frac{S\ 32}{S\ 5}}{1922}$$

and deposit a stone marked with a cross (X), in the hole beside the post, as there are no trees suitable for marking within a reasonable distance.

40.90 Spur, 5 ft. above ¼ sec. cor., projects N.; desc. 450 ft.

41.20 Leave timber, bears N. and S.

58.50 Draw, course S.70°E.; asc. 10 ft.

60.20 Top of ascent on S. slope; desc. 80 ft.

74.80 Ravine, course NE.; asc. 120 ft. to sec. cor., through heavy timber, bearing NE. and SW.

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. 4, 5, 32 and 33, with brass cap mkd:

$$\frac{T15\frac{1}{2}S\ |\ R23E}{\frac{S32\ |\ S33}{S5\ |\ S4}}$$
$$T16S$$
$$1922$$

from which,

A fir, 8 ins. diam., bears N.42°E., 15 lks. dist., marked T 15½ S R 23 E S 33 B T.

A fir, 12 ins. diam., bears S.78°E., 19 lks. dist., marked T 16 S R 23 E S 4 B T.

A fir, 14 ins. diam., bears S.59°W., 21 lks. dist., marked T 16 S R 23 E S 5 B T.

A fir, 10 ins. diam., bears N.30°W., 45 lks. dist., marked T 15½ S R 23 E S 32 B T.

Land, rolling mountainous; shale and sandstone formation; drainage NW., W. 40.90 chs.; E. 39.10 chs. drains NE.

North Boundary of T. 16 S., R. 23 E.

Chains.	
	Soil, shallow and rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, service berry bushes, young mahogany, oak and buck brush.
	Fair growth of grass and browse.
	S.89°59'E. bet. secs. 4 and 33.
	Asc. 210 ft. over rough W. slope, through heavy timber and dense undergrowth.
7.80	Spur, projects N.; desc. 425 ft.
19.50	Canyon, course NW.; asc. abruptly 415 ft.
38.20	Spur, projects N.20°W.; 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 33 / S 4 / 1922 from which, A cedar, 10 ins. diam., bears N.70°E., 13 lks. dist., marked ¼ S 33 B T. A pinon pine, 18 ins. diam., bears S.60°W., 25 lks. dist., marked ¼ S 4 B T.
51.90	Ravine, 355 ft. below ¼ sec. cor., course N.20°W.; asc. abruptly 270 ft. over outcroppings and broken ledges, bearing N. and S.
61.40	Leave outcroppings and ledges, bear N. and S., at the top of abrupt ascent, bearing N. and S.; asc. gradually 155 ft. to
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. 3, 4, 33 and 34, with brass cap mkd: T15½S / R23E / S33 / S34 / S4 / S3 / T16S / 1922 and deposit a stone marked with a cross (X), in the hole beside the post, as there are no trees available

North Boundary of T. 16 S., R. 23 E.

Chains.	
	suitable for marking.
	Land, rolling and rough mountainous, draining generally to the N.; sandstone and shale formation.
	Soil, rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, service berry bushes, oak brush and young mahogany.
	Good grazing land.
	S.89°59'E. bet. secs. 3 and 34.
	Asc. 110 ft. over W. slope, through scattering timber and dense undergrowth.
15.90	Top of ascent, bears N. and S.; over nearly level top of spur, projecting N.
24.90	Enter heavy timber, bears N. and S.; leave level top, begin abrupt descent of 590 ft. over E. slope 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: $\frac{1/4}{\frac{S\ 34}{S\ 3}}$ 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., as there are no trees suitable for marking within a reasonable distance.
40.30	Ravine, 10 ft. below ¼ sec. cor., course N.; asc. abruptly 595 ft.
55.60	Leave timber, bears N. and S., at the top of abrupt ascent, bearing N. and S.; over level top of spur, projecting N.
58.40	Leave top of spur, bears N. and S.; begin gradual descent of 25 ft.
64.70	Begin abrupt descent of 455 ft. to sec. cor., over NE. slope.
75.90	Enter heavy timber, bears NW. and SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins.

Chains.	
	in the ground to solid rock and in a mound of stone, for cor. of secs. 2, 3, 34 and 35, with brass cap mkd:
	T15½S | R23E S34 | S35 S3 | S2 T16S 1922
	from which,
	A fir, 14 ins. diam., bears N.40°15'E., 70 lks. dist., marked T 15½ S R 23 E S 35 B T.
	A fir, 24 ins. diam., bears S.38°15'E., 80 lks. dist., marked T 16 S R 23 E S 2 B T.
	A fir, 18 ins. diam., bears S.33°W., 110 lks. dist., marked T 16 S R 23 E S 3 B T.
	A fir, 14 ins. diam., bears N.25°15'W., 85 lks. dist., marked T 15½ S R 23 E S 34 B T.
	Land, mountainous; sandstone and shale formation; drainage N.
	Soil, rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, service berry bushes, young mahogany, oak and buck brush.
	Good grazing of grass and browse.
	S.89°59'E. bet. secs. 2 and 35.
	Desc. abruptly 17.5 ft. over rough NE. slope, through heavy timber and dense undergrowth.
6.00	Stream of clear water, 2 lks. wide, 4 ins. deep, in the bottom of ravine, course NW.; asc. abruptly 510 ft. over rough SW. slope.
20.00	Leave timber, bears NW. and SE.
20.20	Leave ledges and outcroppings, bear NW. and SE., at the top of abrupt ascent, bearing NW. and SE.; asc. gradually 90 ft. to
40.00	In the head of draw, draining NW., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd:

North Boundary of T. 16 S., R. 23 E.

Chains.	
	$\frac{1}{4}$ S 35 / S 2 1922
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Continue ascent of 130 ft. from ¼ sec. cor.
72.00	Spur, projects NW.; desc. 40 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, 2, 35 and 36, with brass cap mkd: T15½S | R23E / S35 | S36 / S2 | S1 / T16S 1922
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, mountainous; sandstone and shale formation; general drainage NW.
	Soil, rocky red sand and sandy loam, lying on a clay sub-soil, or on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, service berry bushes, young mahogany, oak and buck brush.
	Good grazing on greater portion of mile.
	S.89°59'E. bet. secs. 1 and 36.
	Desc. 130 ft. over NE. slope, through dense undergrowth.
18.40	Swale, course NW.; asc. 35 ft.
25.10	Low spur, projects NW.; desc. 45 ft.
32.20	Swale, course NW.; asc. 80 ft.
37.80	Top of knoll; desc. 20 ft. to
40.00	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 sec. cor., with brass cap mkd: ¼ S 36 / S 1 1922

Subdivision of T. 16 S., R. 23 E.

Chains.	
	and deposit a stone marked with a cross (X), in the hole beside the post.
58.60	Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of draw, 210 ft. below ¼ sec. cor., course N.; asc. 160 ft.
75.00	Spur, projects N.; desc. 50 ft. to
80.00	The cor. of Tps. 15½ and 16 S., Rs. 23 and 24 E.
	Land, rolling mountainous, draining generally to the NW.; shale and sandstone formation.
	Soil, red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Undergrowth, dense sagebrush and scattering oak brush.
	No timber. Good grazing land.

Subdivision of T. 16 S., R. 23 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.
	Desc. 325 ft. over NE. slope, through scattering timber and dense undergrowth.
13.90	Draw, course N.30°E.; asc. 190 ft.
15.60	Spur, projects E.; desc. 25 ft.
17.00	Draw, course S.80°E.; asc. 75 ft.
20.50	Spur, projects E.; desc. 100 ft.
28.10	Ravine, from N., course SE.; asc. 25 ft. along bottom of ravine.
34.20	Leave bottom of ravine, begin ascent of 115 ft. to ¼ sec. cor., over SW. slope.
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 35 | S 36

1922

from which,

A fir, 16 ins. diam., bears N.54°45'E., 52

Subdivision of T. 16 S., R. 23 E.

Chains.

lks. dist., marked ¼ S 36 B.T.

A fir, 24 ins. diam., bears N.64°W., 6 lks. dist., marked ¼ S 35 B.T.

Continue ascent of 520 ft. over SW. slope, from ¼ sec. cor. to

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

T16S	R23E
S26	S25
S35	S36

1922

from which,

A fir, 20 ins. diam., bears N.66°E., 28 lks. dist., marked T 16 S R 23 E S 25 B T.

A fir, 8 ins. diam., bears S.17°E., 21 lks. dist., marked T 16 S R 23 E S 36 B T.

A pinon pine, 10 ins. diam., bears S.42°W., 83 lks. dist., marked T 16 S R 23 E S 35 B T.

A pinon pine, 7 ins. diam., bears N.73°45'W., 42 lks. dist., marked T 16 S R 23 E S 26 B T.

Land, abrupt and rough mountainous, draining generally to the SE.; sandstone and shale formation.

Soil, shallow and rocky red sand and sandy loam, lying on bedrock.

Timber, scattering to a medium growth of cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, dense service berry bushes, oak and buck brush.

Fair grazing of grass and browse.

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

40.00 Set temp. ¼ sec. cor.

79.66 Intersect the E. bdy. of the Tp., 23 lks. N. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence,

N.89°50'W. on a true line bet. secs. 25 and 36.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Asc. abruptly 175 ft. over SE. slope, through scattering timber and dense undergrowth.
0.50	Base of series of broken and perpendicular ledges, 10 to 100 ft. high, bears NE. and SW.
5.70	Spur, projects SW.; desc. abruptly 205 ft. over rugged NW. slope.
10.00	Fork of Middle Canyon, course S.; asc. abruptly 210 ft. over broken and perpendicular ledges, 10 to 30 ft. high, bearing NW. and SE.
13.30	Spur, projects S.; desc. abruptly 230 ft. to $\frac{1}{4}$ sec. cor., over series of perpendicular ledges, 10 to 40 ft. high, bearing N. and S.
13.50	Enter heavy timber, bears N. and S.
39.83	At the foot of perpendicular ledge, 20 ft. high, bearing N. and S., 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 $\frac{1}{4}$ sec. cor., with brass cap mkd: $\frac{1/4 \quad S\ 25}{S\ 36 \quad 1922}$ from which, A pinon pine, 8 ins. diam., bears N.10°30'W., 24 lks. dist., marked $\frac{1}{4}$ S 25 B T. A fir, 8 ins. diam., bears S.6°15'E., 118 lks. dist., marked $\frac{1}{4}$ S 36 B T.
46.10	Ravine, 20 ft. below $\frac{1}{4}$ sec. cor., course SE.; leave series of ledges, bears N. and S.; asc. 75 ft.
50.00	Spur, projects S.; desc. 160 ft.
66.10	Ravine, course SE.; asc. 240 ft.
68.10	Perpendicular ledge, 40 ft. high, bears N. and S.
77.90	Spur, projects SE.; desc. 20 ft. to
79.66	The cor. of secs. 25, 26, 35 and 36.
	Land, rough mountainous of shale and sandstone formation; drainage SE.
	Soil, shallow and rocky red sand, and sandy loam, lying on bedrock.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Timber, cedar, fir, balsam, pinon pine and mahogany. Undergrowth, sagebrush, service berry bushes, young mahogany, oak and buck brush. Scattering growth of grass.
	N.0°01'W. bet. secs. 25 and 26.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; asc. 40 ft.
4.20	Spur, projects SE.; desc. 55 ft.
18.80	Draw, course SE.; asc. 450 ft.
37.50	Spur, projects SW.; desc. 15 ft. to
40.00	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: $\frac{\frac{1}{4}}{S\ 26 \mid S\ 25}$ 1922 from which,
	A pinon pine, 12 ins. diam., bears N.48°45'E., 19 lks. dist., marked $\frac{1}{4}$ S 25 B T.
	A pinon pine, 5 ins. diam., bears S.52°30'W., 34 lks. dist., marked $\frac{1}{4}$ S 26 B T.
51.50	Ravine, 100 ft. below $\frac{1}{4}$ sec. cor., course SW.; asc. 180 ft.
62.50	Spur, projects E.; desc. 310 ft.
74.60	Ravine, course E.; asc. 85 ft. to
80.00	On a SW. slope, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap mkd: T16S | R23E / S23 | S24 / S26 | S25 1922 from which,
	A sandstone boulder, 4 ft. diam., bears N.57°E., 16 lks. dist., marked X 24 B O.
	A cedar, 8 ins. diam., bears S.28°E., 29 lks. dist., marked T 16 S R 23 E S 25 B T.
	A pinon pine, 6 ins. diam., bears S.34°W., 44 lks. dist., marked T 16 S R 23 E S 26 B T.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	A sandstone boulder, 5 ft. diam., bears N.72°W., 9 lks. dist., marked X 23 B 0.
	Land, rough mountainous of sandstone and shale formation; general drainage SE.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, young mahogany, oak and buck brush.
	Fair growth of grass and browse.
	S.89°50'E. on a random line bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the E. bdy. of the Tp., 14 lks. S. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.
	Thence,
	N.89°56'W. on a true line bet. secs. 24 and 25.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; asc. gradually 190 ft. along a general NW. slope.
15.80	Top of ascent, bears N. and S.; desc. 105 ft.
22.00	Ravine, course SE.; asc. 200 ft.
35.50	Spur, projects SW.; asc. 75 ft. to ¼ sec. cor., across the head of draw, draining SE.
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a mound of stone, for ¼ sec. cor., with brass cap mkd:
	¼ S 24 / S 25 1922
	from which,
	A pinon pine, 10 ins. diam., bears N.35°W., 46 lks. dist., marked ¼ S 24 B T.
	A pinon pine, 10 ins. diam., bears S.45°E., 24 lks. dist., marked ¼ S 25 B T.
41.30	Spur, 20 ft. above ¼ sec. cor., projects S.60°E.; desc. 140 ft.

Subdivision of T. 16 S., R. 23 E.

Chains.	
61.00	Ravine, course SE.; asc. 35 ft. over series of broken sandstone ledges, 5 to 25 ft. high, bearing N. and S.
64.60	Low spur, projects S.; desc. 45 ft.
65.60	Ravine, course SE.; asc. 180 ft.
78.90	Spur, projects SE.; desc. 25 ft. to
80.02	The cor. of secs. 23, 24, 25 and 26.
	Land, rough mountainous of shale and sandstone formation; drainage SE.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, oak and buck brush.
	Fair grazing of grass and browse.
	N.0°01'W. bet. secs. 23 and 24.
	Asc. SW. slope 25 ft., over series of broken and perpendicular ledges, 10 to 100 ft. high, bearing NW. and SE., through a medium growth of timber and dense undergrowth.
2.00	Spur, projects SE.; asc. 265 ft. across the head of draw, draining SE., to
16.90	Spur, projects SE.; desc. 205 ft. to ¼ sec. cor.
17.10	Leave ledges, bear NW. and SE.
40.00	At the base of descent, bearing NE. and SE., 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 1922
	from which,
	A pinon pine, 12 ins. diam., bears S.65°E., 52 lks. dist., marked ¼ S. 24 B T.
	A pinon pine, 10 ins. diam., bears S.45°W., 21 lks. dist., marked ¼ S. 23 B T.
55.90	Spur, 305 ft. above ¼ sec. cor., projects S.20°W.; desc. 160 ft.
66.70	Head of ravine, course SW.; asc. 200 ft.

Subdivision of T. 16 S., R. 23 E.

Chains.	
74.20	Spur, projects SE.; desc. 115 ft. over broken ledges, bearing NW. and SE., to
80.00	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: T16S | R23E S14 | S13 S23 | S24 1922 from which, A pinon pine, 12 ins. diam., bears N.38°45'E., 22 lks. dist., marked T 16 S R 23 E S 13 B T. A fir, 12 ins. diam., bears S.33°45'E., 24 lks. dist., marked T 16 S.R 23 E S 24 B T. A pinon pine, 6 ins. diam., bears S.58°W., 42 lks. dist., marked T 16.S R 23 E S 23 B T. A pinon pine, 12 ins. diam., bears N.30°W., 20 lks. dist., marked T 16 S R 23 E S 14 B T. Land, abrupt and rough mountainous; shale and sandstone formation; drainage SE., S. 55.90 chs. and N. 5.80 chs.; remainder of mile drains SW. Soil, shallow, rocky red sand and sandy loam, lying on bedrock. Timber, cedar, fir, balsam, pinon pine and mahogany. Undergrowth, service berry bushes, young mahogany, oak and buck brush. Scattering growth of grass.
	S.89°56'E. on a random line bet. secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the E. bdy. of the Tp., 9 lks. S. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.
	Thence,
	West on a true line bet. secs. 13 and 24.
	Desc. 280 ft. over rough SW. slope, through heavy timber and dense undergrowth.
15.90	Draw, course S.15°E.; asc. abruptly 305 ft.

Subdivision of T. 16 S., R. 23 E.

Chains.	
31.00	Spur, projects S.; desc. 180 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 $\frac{1}{4}$ sec. cor., with brass cap mkd: $\frac{1}{4}$ S 13 / S 24 / 1922, from which, A pinon pine, 12 ins. diam., bears N.4°15'E., 23 lks. dist., marked $\frac{1}{4}$ S 13 B T. A pinon pine, 10 ins. diam., bears S.53°45'W., 16 lks. dist., marked $\frac{1}{4}$ S 24 B T.
50.10	Ravine, 125 ft. below $\frac{1}{4}$ sec. cor., course SE.; asc. 25 ft.
55.50	Top of ascent, bears N. and S.; desc. 35 ft.
59.10	Ravine, course S.70°E.; asc. abruptly 710 ft. to sec. cor.
75.50	Perpendicular ledge, 20 ft. high, bears N.80°E. and S.80°W.
80.00	The cor. of secs. 13, 14, 23 and 24.
	Land, abrupt and rough mountainous of shale and sandstone in the form of outcroppings, broken and perpendicular ledges; drainage SE.
	Soil, rocky, shallow red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, young mahogany, oak and buck brush.
	Scattering growth of grass.
	N.0°01'W. bet. secs. 13 and 14.
	Desc. abruptly 415 ft. over rough NE. slope, through heavy timber and dense undergrowth.
19.10	Ravine, course SE.; asc. 340 ft. to
40.00	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:

Subdivision of T. 16 S., R. 23 E.

Chains.

S 14	S 13
1922	

from which,

A balsam, 14 ins. diam., bears N.62°E., 165 lks. dist., marked ¼ S 13 B T.

A pinon pine, 10 ins. diam., bears S.22°W., 79 lks. dist., marked ¼ S 14 B T.

40.70 Leave timber, bears NE. and SW.; leave outcroppings and ledges, bear NE. and SW., at the top of abrupt ascent, bearing NE. and SW., 25 ft. above ¼ sec. cor.; desc. 160 ft.

55.70 Draw, course W.; asc. 150 ft.

70.70 Wagon road bears NW. and SE., on top of the main divide bet. the forks of Middle and Main Canyons, bearing NW. and SE.; desc. 85 ft. to

80.00 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:

T16S | R23E	
S11	S12
S14	S13
1922	

and raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.

Land, abrupt and rough mountainous of shale and sandstone formation, S. 40.70 chs.; rolling mountain top, N. 39.30 chs.; drainage SE., S. 40.70 chs.; N. 39.30 chs. drains NE.; remainder of mile drains SW.

Soil, rocky, shallow red sand and sandy loam, lying on a clay subsoil, or on bedrock.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, service berry bushes, sagebrush, oak and buck brush.

Good grazing land, N. 39.30 chs.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	East on a random line bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the E. bdy. of the Tp., 4 lks. N. of the true point for cor. of secs. 7, 12, 13 and 18, hereinbefore described.
	Thence,
	N.89°58'W. on a true line bet. secs. 12 and 13.
	Asc. abruptly 740 ft. over rough SE. slope, across the head of ravine, draining SE., through heavy timber and dense undergrowth.
0.05	The witness cor. of secs. 7, 12, 13 and 18, hereinbefore described.
25.80	Rim of ravine, or top of abrupt ascent, bears N.60°E. and S.60°W.; desc. gradually 50 ft. to ¼ sec. cor.
30.10	Perpendicular ledge, 10 ft. high, bears NW. and SE.
40.00	At the foot of ascent, 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 12 / S 13 / 1922
	from which,
	A fir, 12 ins. diam., bears N.33°30'E., 40 lks. dist., marked ¼ S 12 B T.
	A fir, 30 ins. diam., bears S.40°45'E., 100 lks. dist., marked ¼ S 13 B T.
44.70	Wagon road bears NE. and SW., on top of the main divide bet. the forks of Middle and Main Canyons, bearing N.60°E. and S.60°W., 115 ft. above ¼ sec. cor.; desc. 120 ft.
45.00	Leave timber, bears NE. and SW.
55.40	Head of ravine; course N.20°W.; asc. 70 ft.
59.50	Spur, projects NW. approximately 10:00 chs. dist.; desc. 55 ft.
67.20	Ravine, course NE.; asc. 210 ft. to
80.00	The cor. of secs. 11, 12, 13 and 14.

Chains.	
	Land, abrupt SE. slope, draining SE., E. 25.80 chs.; rolling mountain top, draining NW., W. 54.20 chs.; outcroppings, and broken and perpendicular ledges of shale and sandstone formation, on abrupt SE. slope.
	Soil, red sand and sandy loam, shallow and rocky on SE. slope, but deeper and lying on a clay subsoil, or on bedrock, on mountain top.
	Timber, cedar, fir, balsam, pinon pine and mahogany, being more scattering on the rolling mountain top.
	Undergrowth, service berry bushes, young mahogany, sagebrush, oak and buck brush.
	Good grazing land, W. 54.20 chs.
	N.0°01'W. bet. secs. 11 and 12.
	Desc. 370 ft. over NE. slope, through dense undergrowth.
33.30	Leave undergrowth of service berry bushes, oak and buck brush, bears NW. and SE., and enter dense sagebrush, at the foot of descent, bearing NW. and SE.; over nearly level bottom of ravine.
37.30	Dry wash, 20 lks. wide, 18 ins. deep, course N.15°W.
40.00	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: $\frac{1}{4}$ / S 11 | S 12 / 1922 from which, A sandstone boulder, 8X6X5 ft., bears N.21°E., 66 lks. dist., marked X 12 B 0. And raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
40.50	Leave dense sagebrush, bears NW. and SE., and enter dense service berry bushes, oak and buck brush; leave bottom of ravine, begin ascent of 220 ft. over SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap mkd:

Subdivision of T. 16 S., R. 23 E.

Chains.	
	T16S | R23E S2 | S1 S11 | S12 1922
	and raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.
	Land, rolling mountainous, draining NW.; shale and sandstone formation.
	Soil, rocky and gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, a few scattering cedar and pinon pine.
	Undergrowth, sagebrush, service berry bushes, oak and buck brush.
	Good grazing land.
	S.89°58'E. on a random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the E. bdy. of the Tp., 4 lks. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.
	Thence,
	West on a true line bet. secs. 1 and 12.
	Desc. 10 ft. along bottom of draw, draining W.
2.10	Leave draw at junction with a ravine, draining N.; asc. 290 ft. over E. slope, through dense undergrowth.
13.70	Spur, projects N.; desc. 15 ft.
21.00	Draw, course N.20°W.; asc. 15 ft.
24.30	Spur, projects N.20°W.; desc. 420 ft.
35.80	Ravine, course NW.; asc. 130 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 1 S 12 1922 and deposit a stone marked with a cross (X), in the hole beside the post.
48.10	Spur, 220 ft. above ¼ sec. cor., projects N.; desc. 80 ft.

Subdivision of T. 16 S., R. 23 E.

Chains.	
51.60	Ravine, course N.15°W.; asc. 75 ft.
57.70	Spur, projects N.; desc. 130 ft.
67.70	Ravine, course N.; asc. 180 ft.
77.50	Spur, projects N.20°W.; desc. 15 ft. to
80.00	The cor. of secs. 1, 2, 11 and 12.
	Land, rolling mountainous, draining NW.; shale and sandstone formation.
	Soil, gravelly, rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, a few scattering fir, cedar and pinon pine.
	Undergrowth, sagebrush, service berry bushes, oak and buck brush.
	Good grazing land.
	North on a random line bet. secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
79.61	Intersect the N. bdy. of the Tp., 7 lks. E. of the cor. of secs. 1, 2, 35 and 36, hereinbefore described.
	Thence,
	S.0°03'E. on a true line bet. secs. 1 and 2.
	Asc. 50 ft. over NE. slope, through dense undergrowth.
5.60	Spur, projects N.60°W.; desc. 575 ft.
36.30	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, course N.70°W.; asc. 135 ft. to
39.61	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

1923

from which,

A fir, 8 ins. diam., bears S.7°E., 18 lks. dist., marked ¼ S 1 B T.

And deposit a stone marked with a cross (X), in the hole beside the post.

69.60	Spur, 460 ft. above ¼ sec. cor., projects NW.; desc. gradually 15 ft. to

Subdivision of T. 16 S., R. 23 E.

Chains.

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

Land, mountainous of sandstone and shale formation; drainage NW.

Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.

Timber, a few scattering fir, cedar and pinon pine.

Undergrowth, sagebrush, oak and buck brush.

Good grazing land.

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.

Over rough mountainous land, through a medium growth of timber and dense undergrowth; desc. abruptly 420 ft. along general NW. slope.

38.00 Leave undergrowth of service berry bushes, oak and buck brush, bears NE. and SW., and enter dense sagebrush, at the base of abrupt descent, bearing NE. and SW.; desc. gradually 10 ft. to

40.00 Set an iron post, 3 ft. long, 1 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 34 | S 35

1922

from which,

A pinon pine, 8 ins. diam., bears N.51°45'E., 167 lks. dist., marked ¼ S 35 B T.

A pinon pine, 5 ins. diam., bears N.23°30'W., 8 lks. dist., marked ¼ S 34 B T.

46.20 Fork of Westwater Canyon, 15 ft. below ¼ sec. cor., course SW.; asc. gradually 25 ft.

50.20 Leave sagebrush, bears NE. and SW., and enter dense service berry bushes, oak and buck brush; begin abrupt ascent of 360 ft. over rough SE. slope.

78.10 Spur, projects S.60°E.; desc. gradually 10 ft. to

Subdivision of T. 16 S., R. 23 E.

Chains.	
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap mkd: T16S | R23E S27 | S26 S34 | S35 1922 from which, A fir, 12 ins. diam., bears N.50°30'E., 34 lks. dist., marked T 16 S R 23 E S 26 B T. A pinon pine, 12 ins. diam., bears S.88°E., 11 lks. dist., marked T 16 S R 23 E S 35 B T. A pinon pine, 18 ins. diam., bears S.33°W., 67 lks. dist., marked T 16 S R 23 E S 34 B T. A pinon pine, 12 ins. diam., bears N.72°W., 31 lks. dist., marked T 16 S R 23 E S 27 B T. Land, abrupt and mountainous with outcroppings, broken and perpendicular ledges of shale and sandstone formation; general drainage SW. Soil, shallow and rocky red sand and sandy loam, lying on bedrock; dark sandy loam several ft. deep in the bottom of canyon. Timber, cedar, fir, balsam, pinon pine and mahogany. Undergrowth, sagebrush, service berry bushes, oak and buck brush. Fair growth of browse and scattering bunch grass.
	East on a random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	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. Over rough mountainous land, through a medium growth of timber and dense undergrowth; desc. abruptly 315 ft. over SW. slope.
24.10	Small stream of water in the bottom of ravine, course

Subdivision of T. 16 S., R. 23 E.

Chains.	
	S.25°E.; asc. abruptly 300 ft.
34.30	Spur, projects S.10°W.; desc. 30 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 26 / S 35 1922, from which, A pinon pine, 6 ins. diam., bears N.48°W., 38 lks. dist., marked ¼ S 26 B T. A pinon pine, 6 ins. diam., bears S.16°W., 32 lks. dist., marked ¼ S 35 B T.
50.70	Dry wash, 20 lks. wide, 2 ft. deep, course S.
54.80	Fork of Westwater Canyon, 245 ft. below ¼ sec. cor., course S.; asc. abruptly 395 ft. to
79.84	The cor. of secs. 26, 27, 34 and 35.
	Land, abrupt and mountainous with outcroppings, broken and perpendicular ledges of shale and sandstone formation; drainage SE., E. 34.30 chs.; W. 45.54 chs. drains SW.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock; dark sandy loam several ft. deep in the bottom of canyon.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, service berry bushes, oak and buck brush.
	Fair growth of browse and scattering bunch grass.
	N.0°01'W. bet. secs. 26 and 27.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; desc. abrupt NE. slope 320 ft.
19.90	Ravine, course SE.; asc. abruptly 240 ft.
34.10	Spur, projects S.60°E.; desc. abruptly 215 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. 16 S., R. 23 E.

Chains.

$\frac{1}{4}$
S 27 | S 26
1922

from which,

A fir, 20 ins. diam., bears S.64°30'E., 67 lks. dist., marked $\frac{1}{4}$ S 26 B T.

A fir, 20 ins. diam., bears N.81°15'W., 17 lks. dist., marked $\frac{1}{4}$ S 27 B T.

55.00 Ravine, 270 ft. below $\frac{1}{4}$ sec. cor., course SE.; asc. abruptly 310 ft.

72.10 Spur, projects S.60°E.; desc. abruptly 310 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock and in a mound of stone, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd:

T16S | R23E
S22 | S23
S27 | S26
1922

from which,

A fir, 7 ins. diam., bears N.15°45'E., 95 lks. dist., marked T 16 S R 23 E S 23 B T.

A pinon pine, 8 ins. diam., bears S.79°E., 127 lks. dist., marked T 16 S R 23 E S 26 B T.

A fir, 8 ins. diam., bears S.19°30'W., 101 lks. dist., marked T 16 S R 23 E S 27 B T.

A fir, 20 ins. diam., bears N.34°15'W., 149 lks. dist., marked T 16 S R 23 E S 22 B T.

Land, abrupt and mountainous with shale and sandstone outcroppings, broken and perpendicular ledges; drainage SE. to fork of Westwater Canyon.

Soil, rocky, shallow red sand and sandy loam, lying on bedrock; deep sandy loam in the bottoms of ravines.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, service berry bushes, oak and buck brush.

Fair growth of browse and scattering bunch grass.

East on a random line bet. secs. 23 and 26.

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

Subdivision of T. 16 S., R. 23 E.

Chains.	
80.00	Intersect N. and S. line, 8 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence,
	N.89°57'W. on a true line bet. secs. 23 and 26.
	Asc. 500 ft. over rough SW. slope, across the head of draw, draining S., through a medium growth of timber and dense undergrowth.
9.20	Spur, projects S.10°W.; desc. abruptly 610 ft.
27.80	Ravine, course SW.; asc. 145 ft.
35.20	Spur, projects SW.; desc. 160 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. 23 / S 26 / 1922
	from which,
	A fir, 14 ins. diam., bears N.17°E., 19 lks. dist., marked ¼ S. 23 B T.
	A fir, 20 ins. diam., bears S.63°W., 31 lks. dist., marked ¼ S. 26 B T.
50.40	Fork of Westwater Canyon, 365 ft. below ¼ sec. cor., course S.; asc. 45 ft.
55.20	Spur, projects SE.; desc. 35 ft.
63.20	Leave timber, bears NW. and SE.
63.40	Leave undergrowth of service berry bushes, oak and buck brush, bears NW. and SE., and enter dense sagebrush, at the base of descent, bearing NW. and SE.; over nearly level bottom of ravine
64.70	Dry wash, 20 lks. wide, 18 ins. deep, course SE.
66.90	Leave sagebrush, bears NW. and SE., and enter dense service berry bushes, oak and buck brush; begin abrupt ascent of 360 ft. over rough NE. slope to sec. cor.
67.10	Enter a medium growth of timber, bears NW. and SE.
80.00	The cor. of secs. 22, 23, 26 and 27.
	Land, abrupt and mountainous with shale and sandstone outcroppings, broken and perpendicular ledges; drainage

Subdivision of T. 16 S., R. 23 E.

Chains.	
	SE., E. 9.20 chs.; W. 71.80 chs. drains generally S. Soil, rocky, shallow red sand and sandy loam, lying on bedrock; dark sandy loam, several ft. deep in the bottoms of ravines and canyon. Timber, cedar, fir, balsam, pinon, pine and mahogany. Undergrowth, sagebrush, service berry bushes, oak and buck brush. Fair grazing of grass and browse.
	N.0°01'W. bet. secs. 22 and 23. Over rough mountainous land, through a medium growth of timber and dense undergrowth; desc. abruptly 355 ft. over NE. slope.
15.50	Ravine, course S.70°E.; asc. abruptly 320 ft. over SE. slope.
25.50	Spur, projects SW.; asc. 185 ft. to ¼ sec. cor., across the head of draw, draining W.
40.00	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 sec. cor., with brass cap mkd: ¼ S 22 | S 23 1922 from which, A pinon pine, 18 ins. diam., bears S.69°E., 15 lks. dist., marked ¼ S 23 B T. A balsam, 24 ins. diam., bears N.80°W., 42 lks. dist., marked ¼ S 22 B T.
53.90	Spur, 190 ft. above ¼ sec. cor., projects S.30°E.; desc. abruptly 405 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap mkd: T16S | R23E S15 | S14 S22 | S23 1922 from which,

Subdivision of T. 16 S., R. 23 E.

Chains.	
	A balsam, 16 ins. diam., bears N.12°E., 34 lks. dist., marked T 16 S R 23 E S 14 B T.
	A balsam, 10 ins. diam., bears S.55°30'E., 24 lks. dist., marked T 16 S R 23 E S 23 B T.
	A balsam, 7 ins. diam., bears S.52°W., 47 lks. dist., marked T 16 S R 23 E S 22 B T.
	A balsam, 20 ins. diam., bears N.7°W., 105 lks. dist., marked T 16 S R 23 E S 15 B T.
	Land, abrupt and mountainous; shale and sandstone outcroppings, and series of broken and perpendicular ledges; drainage SE.
	Soil, rocky red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam and pinon pine.
	Undergrowth, service berry bushes, oak and buck brush.
	Fair growth of browse and scattering bunch grass.
	S.89°57'E. on a random line bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 13, 14, 23 and 24.
	Thence,
	N.89°54'W. on a true line bet. secs. 14 and 23.
	Over rough mountainous land, through heavy timber and dense undergrowth; asc. NE. slope 220 ft.
8.40	Spur, projects S.15°E.; asc. 80 ft. across the head of draw, draining SW.
18.00	Spur, projects S.30°W.; desc. 965 ft.
39.30	Leave timber, bears NE. and SW.
39.50	Leave undergrowth of service berry bushes, oak and buck brush, bears NE. and SW., and enter dense sagebrush, at the base of descent, bearing N.25°E. and S.25°W.; over nearly level bottom of a fork of Westwater Canyon.
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 14
S 23
1922

Subdivision of T. 16 S., R. 23 E.

Chains.	
	from which,
	A balsam, 10 ins. diam., bears N.33°15'E., 226 lks. dist., marked ¼ S 14 B T.
	A balsam, 10 ins. diam., bears S.23°15'W., 332 lks. dist., marked ¼ S 23 B T.
41.90	Dry wash, 15 lks. wide, 2 ft. deep, course S.25°W.
43.00	Leave sagebrush, bears N.25°E. and S.25°W., and enter dense service berry bushes, oak and buck brush, at the base of abrupt ascent, bearing N.25°E. and S.25°W.
43.20	Enter scattering timber, bears NE. and SW.
51.30	Spur, 320 ft. above base of abrupt ascent, projects S.; desc. 235 ft.
61.40	Leave timber, bears N. and S., in the bottom of ravine, course SE.; asc. 770 ft. to sec. cor.
65.20	Enter a medium growth of timber, bears NW. and SE.
79.90	The cor. of secs. 14, 15, 22 and 23.
	Land, steep and mountainous; shale and sandstone outcroppings and broken ledges; drainage SE. to Middle Canyon, E. 8.40 chs.; general drainage S., W. 71.50 chs.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock; deeper dark loam in the bottoms of ravines and fork of Westwater Canyon.
	Timber, cedar, fir, balsam and pinon pine.
	Undergrowth, sagebrush, service berry bushes, oak and buck brush.
	Fair growth of browse and grass.
	N.0°01'W. bet. secs. 14 and 15.
	Desc. 50 ft. over rough NE. slope, through heavy timber and dense undergrowth.
8.70	Ravine, course SE.; asc. 130 ft.
24.20	Leave timber, bears E. and W.
24.40	Leave ledges and outcroppings, bear E. and W., at the top of ascent, bearing E. and W.; over nearly level land to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

Chains.

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

¼

S 15 | S 14

1922

from which,

A pinon pine, 6 ins. diam., bears N.14°W., 265 lks. dist., marked ¼ S 15 B T.

As there are no other trees available, I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

54.00 Top of the main divide bet. forks of Westwater and Main Canyons, 70 ft. above ¼ sec. cor., bears N.70°E. and S.70°W.; desc. 125 ft. to sec. cor.

57.30 Wagon road, bears N.70°E. and S.70°W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap mkd:

T16S | R23E

S10 | S11

S15 | S14

1922

As there are no trees or stone available and pits are impracticable, I deposit a stone, 8x4x1 ins., marked with a cross (X), in the hole at the base of the post.

Land, abrupt and rough mountainous with shale and sandstone outcroppings and broken ledges, S. 24.40 chs.; level and rolling mountain top, N. 55.60 chs.; drainage SE. to fork of Westwater Canyon, S. 24.40 chs.; remainder of mile drains NW. to Main Canyon.

Soil, shallow, rocky red sand and sandy loam on rough portion; deeper red sand and sandy loam, lying on a clay subsoil, or on bedrock, on level and rolling mountain top.

Timber, cedar, fir, balsam and pinon pine.

Undergrowth, service berry bushes, oak and buck brush, and sagebrush, the latter predominating on mountain top.

Good grazing land, N. 55.60 chs.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	S.89°54'E. on a random line bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 11, 12, 13 and 14.
	Thence,
	N.89°56'W. on a true line bet. secs. 11 and 14.
	Over mountainous land, through dense undergrowth; asc. NE. slope 90 ft.
6.40	Wagon road, bears NW. and SE., on top of the main divide bet. forks of Westwater and Main Canyons, bearing NW. and SE.; asc. gradually 20 ft. across the head of a fork of Westwater Canyon, draining S.
15.60	Wagon road, bears NE. and SW., on top of the main divide bet. forks of Westwater and Main Canyons, bearing NE. and SW.; desc. 120 ft.
33.30	Ravine, course N.10°W.; asc. 115 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 11 / S 14 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
52.40	Spur, 20 ft. above ¼ sec. cor., projects N.30°W.; desc. 220 ft.
68.40	Ravine, course N.60°W.; asc. 40 ft. to
79.90	The cor. of secs. 10, 11, 14 and 15.
	Land, mountainous; shale and sandstone formation; drainage generally NW. to Main Canyon, E. 6.40 chs. and W. 64.30 chs.; remainder of mile drains S. to Westwater Canyon.
	Soil, dark sandy loam, lying on a clay subsoil, or on bedrock.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	No timber.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	N.0°01'W. bet. secs. 10 and 11.
	Desc. 130 ft. over NE. slope, through dense undergrowth.
6.90	Base of descent, bears NW. and SE.; over nearly level bottom of ravine, draining NW.
9.50	Leave bottom of ravine, begin ascent of 195 ft. over SW. slope.
28.70	Top of ascent, bears NW. and SE.; over nearly level top of spur, projecting NW.
40.00	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: $\frac{\frac{1}{4}}{S\ 10 \mid S\ 11}$ 1922 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
45.00	Leave top of spur, begin descent of 115 ft. over N. slope.
56.30	Ravine, course NW.; asc. 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. 2, 3, 10 and 11, with brass cap mkd: T16S | R23E / S3 | S2 / S10 | S11 1922 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling mountainous, draining NW.; shale and sandstone formation.
	Soil, red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, a few aspen, S. $\frac{1}{2}$ mile.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.

S.89°56'E. on a random line bet. secs. 2 and 11.

40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, 10 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Thence,
	West on a true line bet. secs. 2 and 11.
	Desc. 505 ft. over SW. slope, through dense undergrowth.
17.60	Stream of clear water, 2 lks. wide, 3 ins. deep, in the bottom of ravine, course N.30°W.; asc. 520 ft.
36.20	Spur, projects N.30°W.; desc. 15 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:
	¼ S 2 / S 11 1922
	and raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.
55.30	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, 470 ft. below ¼ sec. cor., course N.30°W.; asc. 555 ft.
77.60	Spur, projects N.30°W.; desc. 10 ft. to
80.04	The cor. of secs. 2, 3, 10 and 11.
	Land, mountainous with general drainage NW.; shale and sandstone formation.
	Soil, gravelly, rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	No timber.
	N.0°03'W. on a random line bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
79.78	Intersect the N. bdy. of the Tp., 12 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
	Thence,
	S.0°08'E. on a true line bet. secs. 2 and 3.
	Asc. 110 ft. over rough NE. slope, through heavy timber and dense undergrowth.
6.80	Spur, projects S.80°E.; desc. 45 ft.
12.10	Draw, course N.80°E.; asc. 430 ft.

Subdivision of T. 16 S., R. 23 E.

Chains.	
23.30	Spur, projects N.80°E.; desc. 195 ft.
23.50	Leave heavy timber and enter scattering, bears N.80°E. and S.80°W.
35.80	Ravine, course N.80°E.; asc. 65 ft. to
39.78	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 3 | S 2 1922 from which, A fir, 6 ins. diam., bears N.3°15'E., 286 lks. dist., marked ¼ S 2 B T. A fir, 8 ins. diam., bears N.60°30'W., 262 lks. dist., marked ¼ S 3 B T.
76.80	Spur, 215 ft. above ¼ sec. cor., projects N.30°W.; desc. 10 ft. to
79.78	The cor. of secs. 2, 3, 10 and 11.
	Land, mountainous with outcroppings of shale and sandstone formation; drainage NE., N. 76.80 chs.; S. 2.98 chs. drains NW.
	Soil, rocky, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir, balsam and pinon pine.
	Undergrowth, sagebrush, service berry bushes, oak and buck brush.
	Good grazing 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.
	Asc. 95 ft. along SW. slope, through a medium growth of timber and dense undergrowth.
3.70	Spur, projects S.80°W.; desc. 305 ft.
27.50	Ravine, course E.; asc. 295 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

Subdivision of T. 16 S., R. 23 E.

Chains.	
	the ground, for ¼ sec. cor., with brass cap mkd:
	S 33 | ¼ | S 34
	1922
	from which,
	A pinon pine, 10 ins. diam., bears N.21°45'E., 120 lks. dist., marked ¼ S 34 B T.
	A pinon pine, 10 ins. diam., bears N.4°45'W., 77 lks. dist., marked ¼ S 33 B T.
42.80	Spur, 65 ft. above ¼ sec. cor., projects SE.; desc. 60 ft.
46.20	Draw, course E.; asc. 170 ft.
55.10	Spur, projects E.; desc. 35 ft.
59.60	Draw, course E.; asc. 150 ft.
66.40	Spur, projects E.; desc. 175 ft.
73.90	Ravine, course S.60°E.; asc. 65 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd:
	T16S | R23E S28 | S27 S33 | S34 1922
	from which,
	A pinon pine, 8 ins. diam., bears N.20°E., 43 lks. dist., marked T 16 S R 23 E S 27 B T.
	A fir, 16 ins. diam., bears S.35°E., 11 lks. dist., marked T 16 S R 23 E S 34 B T.
	A pinon pine, 8 ins. diam., bears S.40°W., 37 lks. dist., marked T 16 S R 23 E S 33 B T.
	A pinon pine, 10 ins. diam., bears N.40°W., 20 lks. dist., marked T 16 S R 23 E S 28 B T.
	Land, abrupt and mountainous with shale and sandstone outcroppings, and broken and perpendicular ledges; general drainage SE.
	Soil, shallow, rocky red sand and sandy loam.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, oak and buck brush.
	Fair growth of grass and browse.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	East on a random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
79.66	Intersect N. and S. line, at the cor. of secs. 26, 27, 34 and 35.
	Thence,
	West on a true line bet. secs. 27 and 34.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; asc. abrupt NE. slope 20 ft.
1.10	Spur, projects SE.; desc. 50 ft.
14.00	Head of ravine, course S.; asc. 55 ft.
24.10	Spur, projects SW.; desc. 445 ft.
39.00	Draw, course S.30°W.; asc. 110 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 27 / S 34 1922
	from which,
	A pinon pine, 7 ins. diam., bears N.43°15'W., 40 lks. dist., marked ¼ S 27 B T.
	A pinon pine, 7 ins. diam., bears S.54°30'W., 48 lks. dist., marked ¼ S 34 B T.
45.10	Spur, 10 ft. above ¼ sec. cor., projects S.15°W.; desc. 125 ft.
51.80	Ravine, course S.20°W.; asc. abruptly 490 ft. to
79.66	The cor. of secs. 27, 28, 33 and 34.
	Land, abrupt mountains with outcroppings, and broken and perpendicular ledges of shale and sandstone formation; general drainage S. to Westwater Canyon.
	Soil, shallow red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, young mahogany, oak and buck brush.
	Scattering growth of bunch grass.

N.0°02'W. bet. secs. 27 and 28.

Subdivision of T. 16 S., R. 23 E.

Chains.

Over rough mountainous land, through a medium growth of timber and dense undergrowth; asc. S. slope 210 ft.

12.90 Spur, projects E.; desc. 210 ft.

23.60 Draw, course SE.; asc. 375 ft. to

40.00 On a SE. slope, 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 28 | S 27

1922

from which,

A pinon pine, 10 ins. diam., bears S.40°15'E., 6 lks. dist., marked ¼ S 27 B T.

A pinon pine, 8 ins. diam., bears N.10°W., 43 lks. dist., marked ¼ S 28 B T.

46.50 Spur, 160 ft. above ¼ sec. cor., projects S.20°W.; desc. 35 ft.

57.40 Head of draw, course SW.; asc. 75 ft.

63.30 Spur, projects S.60°W.; desc. 80 ft.

69.80 Head of draw, course W.; asc. 85 ft.

78.10 Spur, projects W.; desc. 50 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:

T16S	R23E
S21	S22
S28	S27

1922

from which,

A balsam, 4 ins. diam., bears N.49°E., 65 lks. dist., marked T 16 S R 23 E S 22 B T.

A balsam, 6 ins. diam., bears S.71°30'E., 180 lks. dist., marked T 16 S R 23 E S 27 B T.

A mahogany, 8 ins. diam., bears S.29°W., 127 lks. dist., marked T 16 S R 23 E S 28 B T.

A balsam, 5 ins. diam., bears N.42°30'W., 41 lks. dist., marked T 16 S R 23 E S 21 B T.

Land, abrupt mountains with shale and sandstone outcropp-

Subdivision of T. 16 S., R. 23 E.

Chains.	
	ings and broken ledges; drainage SE., S. 46.50 chs.; N. 33.50 chs. drains SW.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, mahogany and pinon pine.
	Undergrowth, service berry bushes, young mahogany, oak and buck brush.
	Fair grazing of grass and browse.
	East on a random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 22, 23, 26 and 27.
	Thence,
	S.89°55'W. on a true line bet. secs. 22 and 27.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; asc. abruptly 530 ft. along NE. slope.
18.60	Spur, projects N.10°W.; desc. 55 ft.
22.20	Draw, course N.; asc. 235 ft.
30.70	Spur, projects S.30°E.; desc. 380 ft. to
39.95	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 22 / S 27 1922
	from which,
	A cedar, 10 ins. diam., bears N.8°E., 23 lks. dist., marked ¼ S 22 B T.
	A cedar, 12 ins. diam., bears S.12°E., 28 lks. dist., marked ¼ S 27 B T.
42.20	Ravine, 50 ft. below ¼ sec. cor., course SW.; asc. 70 ft.
48.30	Spur, projects SW.; desc. 185 ft.
58.20	Ravine, course SE.; asc. 360 ft.
71.80	Spur, projects S.; desc. 115 ft. to
79.90	The cor. of secs. 21, 22, 27 and 28.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Land, abrupt and mountainous with outcroppings and broken ledges of shale and sandstone formation; general drainage SE., E. 30.70 chs.; W. 8.10 chs. drains SW.; remainder of mile drains S.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, young mahogany, oak and buck brush.
	Fair grazing.
	N.0°02'W. bet. secs. 21 and 22.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; desc. N. slope 20 ft.
1.20	Draw, course W.; asc. 60 ft.
8.50	Spur, projects S.60°W.; desc. abruptly 265 ft.
28.00	Ravine, course SW.; asc. 195 ft. to
40.00	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 $\frac{1}{4}$ sec. cor., with brass cap mkd:

$\frac{1}{4}$

S 21 | S 22

1922

from which,

A fir, 6 ins. diam., bears N.59°E., 89 lks. dist., marked $\frac{1}{4}$ S 22 B T.

A pinon pine, 8 ins. diam., bears S.54°30'W., 55 lks. dist., marked $\frac{1}{4}$ S 21 B T.

42.70	Spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects S.60°W.; desc. abruptly 340 ft.
69.00	Ravine, course SW.; asc. 105 ft.
79.60	Spur, projects SW.; 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. 15, 16, 21 and 22, with brass cap mkd:

Subdivision of T. 16 S., R. 23 E.

Chains.

T16S | R23E
S16 | S15
S21 | S22
1922

from which,

A pinon pine, 8 ins. diam., bears N.56°45'E., 52 lks. dist., marked T 16 S R 23 E S 15 B T.

A cedar, 16 ins. diam., bears S.79°45'E., 26 lks. dist., marked T 16 S R 23 E S 22 B T.

A fir, 10 ins. diam., bears S.46°30'W., 54 lks. dist., marked T 16 S R 23 E S 21 B T.

There are no trees in sec. 16, within a reasonable distance suitable for marking; therefore I raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

Land, abrupt mountains of shale and sandstone outcroppings, and broken and perpendicular ledges; general western exposure; drainage SW.

Soil, shallow, rocky red sand and sandy loam, lying on bedrock.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, service berry bushes, oak and buck brush.

Fair growth of browse and scattering bunch grass.

N.89°55'E. on a random line bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence,

West on a true line bet. secs. 15 and 22.

Asc. 65 ft. over rough NE. slope; through heavy timber and dense undergrowth.

8.10 Top of ascent or rim of ravine, bears N.10°W. and S.10°E.; desc. gradually 90 ft. over top of spur, projecting S.

17.20 Leave top of spur, begin abrupt descent of 50 ft. over W. slope.

20.50 Ravine, course S.; asc. abruptly 125 ft.

30.30 Leave timber, bears N. and S., at the top of abrupt

Subdivision of T. 16 S., R. 23 E.

Chains.	
	ascent or rim of ravine, bearing N. and S.; over gently rolling top.
39.95	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: $\frac{1}{4}\frac{S\ 15}{S\ 22}$ 1922 and deposit a stone, 5x4x2 ins., marked with a cross (X), in the hole at the base of the post.
45.00	Leave rolling top, bears N.15°E. and S.15°W.; begin abrupt descent of 445 ft. over NW. slope, through a medium growth of timber, bearing NE. and SW.
63.80	Ravine, course SW.; asc. abruptly 300 ft.
79.70	Spur, projects SW.; desc. 5 ft. to
79.90	The cor. of secs. 15, 16, 21 and 22.
	Land, abrupt mountains with shale and sandstone outcroppings and broken ledges; drainage SE., E. ½ mile; W. ½ mile drains SW.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock on sides of ravines; deeper dark sandy loam in the bottoms of ravines and on the tops of spurs.
	Timber, varies from a scattering to a heavy growth of cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, service berry bushes, oak and buck brush; dense sagebrush predominates on rolling tops.
	Good grazing on rolling tops.
	N.0°02'W. bet. secs. 15 and 16.
	Desc. abruptly 315 ft. over rough NW. slope, through a medium growth of timber and dense undergrowth.
17.80	Ravine, course SW.; asc. abruptly 340 ft. over rough SE. slope.
36.20	Leave medium growth of timber and enter scattering, bears NE. and SW.

Subdivision of T. 16 S., R. 23 E.

Chains.

36.40 Leave ledges and outcroppings, bear NE. and SW., at the top of abrupt ascent or rim of ravine, bearing NE. and SW.; asc. gradually 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 16 | S 15

1922

from which,

A balsam, 30 ins. diam., bears N.56°E., 212 lks. dist., marked ¼ S 15 B T.

A sandstone boulder, 12x6x5 ft., bears S.20°W., 78 lks. dist., marked X 16 B O.

53.60 Wagon road, bears NE. and SW.

54.00 The main divide bet. the forks of Westwater and Main Canyons, bears N.70°E. and S.70°W.; 60 ft. above ¼ sec. cor.; desc. gradually 40 ft.

73.30 Head of draw, course NW.; asc. gradually 15 ft. to

80.00 Upon solid surface rock, set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) cut at the exact cor. point, and in a mound of stone, for cor. of secs. 9, 10, 15 and 16, with brass cap mkd:

T16S | R23E
S9 | S10
S16 | S15
1922

There are no trees available suitable for marking.

Land, abrupt and rough mountainous of shale and sandstone formation, S. 36.40 chs.; rolling mountainous, N. 43.60 chs.; drainage SW. to Westwater Canyon, S. 36.40 chs.; N. 43.60 chs. drains NW. to Main Canyon.

Soil, shallow, rocky red sand and sandy loam, lying on bedrock on rough portion; deeper sandy loam, lying on a clay subsoil, or on bedrock, on rolling mountains.

Timber, varies from a scattering to a medium growth of cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, service berry bushes, oak and buck brush,

Chains.	
	S. 36.40 chs.; sagebrush and oak brush, N. 43.60 chs.
	Good grazing land, N. 43.60 chs.
	East on a random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line, at the cor. of secs. 10, 11, 14 and 15.
	Thence,
	West on a true line bet. secs. 10 and 15.
	Asc. 65 ft. over NE. slope, through dense undergrowth.
8.90	Spur, projects S.30°E.; asc. 90 ft. to $\frac{1}{4}$ sec. cor., across the head of draw, draining SE.
39.97	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 $\frac{1}{4}$ sec. cor., with brass cap mkd: $\frac{1}{4}$ S 10 / S 15 1922 and deposit a stone, 5x4x2 ins., marked with a cross (X), in the hole at the base of the post.
42.30	Spur, 15 ft. above $\frac{1}{4}$ sec. cor., projects SE.; desc. 230 ft.
59.00	Ravine, course NW.; asc. 150 ft.
74.10	Spur, projects NW.; desc. 15 ft. to
79.94	The cor. of secs. 9, 10, 15 and 16.
	Land, rolling mountainous, draining NW.; shale and sandstone formation.
	Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Undergrowth, sagebrush and oak brush.
	Good grazing land.
	No timber.
	N.0°02'W. bet. secs. 9 and 10.
	Asc. 5 ft. over SW. slope, through dense undergrowth.

Subdivision of T. 16 S., R. 23 E.

Chains.	
2.20	Spur, projects NW.; desc. 290 ft.
17.30	Ravine, course N.60°W.; asc. 190 ft. through heavy timber, bearing NW. and SE.
32.30	Leave timber, bears NW. and SE., on top of spur, projecting NW.; 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: ¼ | S 9 | S 10 1922 and raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.
55.00	Stream of clear water, 2 lks. wide, 2 ins. deep, in bottom of ravine, 380 ft. below ¼ sec. cor., course NW.; asc. abruptly 440 ft. through scattering timber, bearing NW. and SE.
72.70	Top of abrupt ascent, bears NW. and SE.; asc. gradually 5 ft. to
80.00	At the top of ascent, bearing E. and W., 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: T16S | R23E / S4 | S3 / S9 | S10 1922 from which,

A cedar, 4 ins. diam., bears N.62°15'E., 66 lks. dist., marked T 16 S R 23 E S 3 B T.

A cedar, 4 ins. diam., bears S.59°30'E., 221 lks. dist., marked T 16 S R 23 E S 10 B T.

As there are no trees available in secs. 4 and 9, I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling mountainous, draining NW.; shale and sandstone formation.

Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Timber, cedar, fir, aspen, balsam, pinon and yellow pine.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	East on a random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line, 20 lks. N. of the cor. of secs. 2, 3, 10 and 11.
	Thence,
	N.89°51'W. on a true line bet. secs. 3 and 10.
	Desc. 25 ft. over gradual SW. slope, through dense undergrowth.
3.40	Begin abrupt descent of 360 ft. over SW. slope.
24.90	Ravine, course N.10°W.; asc. abruptly 280 ft. to
39.99	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: $\frac{\frac{1}{4}\ S\ 3}{S\ 10\ 1922}$ and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
41.70	Spur, 100 ft. above $\frac{1}{4}$ sec. cor.; projects NW.; desc. 210 ft. to
79.98	The cor. of secs. 3, 4, 9 and 10.
	Land, rolling mountainous, draining generally to the NW.; shale and sandstone formation.
	Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, a few scattering cedar and pinon pine.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	N.0°08'W. on a random line bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.68	Intersect the N. bdy. of the Tp., 16 lks. W. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Subdivision of T. 16 S., R. 23 E.

Chains	
	Thence,
	S.0°01'E. on a true line bet. secs. 3 and 4.
	Desc. 50 ft. along W. slope, through scattering timber and dense undergrowth.
11.70	Draw, course W.; asc. 50 ft.
18.80	Spur, projects W.; desc. 25 ft.
26.60	Draw, course N.70°W.; asc. 65 ft. to
39.68	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 1922
	from which,
	A cedar, 36 ins. diam., bears S.65°E., 23 lks. dist., marked ¼ S 3 B T.
	A cedar, 12 ins. diam., bears S.3°W., 15 lks. dist., marked ¼ S 4 B T.
45.00	Spur, 15 ft. above ¼ sec. cor., projects N.70°W.; desc. 30 ft.
57.30	Ravine, course NW.; asc. 40 ft.
61.50	Spur, projects N.60°W.; desc. 55 ft.
63.70	Draw, course W.; asc. 55 ft. to
79.68	The cor. of secs. 3, 4, 9 and 10.
	Land, rolling mountainous, draining NW.; shale and sandstone formation.
	Soil, gravelly, rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, scattering cedar and pinon pine; patches of aspen, fir and balsam.
	Undergrowth, sagebrush; patches of service berry bushes, rosebushes, young mahogany, oak and buck brush.
	Good grazing land.
	From the true point for cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described,

Subdivision of T. 16 S., R. 23 E.

Chains	
	N.0°03'W. bet. secs. 32 and 33.
	Desc. 20 ft. over NW. slope, through a medium growth of timber and dense undergrowth.
8.20	Ravine, course SW.; asc. 305 ft.
16.00	Rugged spur, projects SW.; desc. 210 ft.
25.10	Draw, course SW.; asc. 110 ft.
31.00	Spur, projects S.70°W.; desc. 160 ft.
37.50	Leave timber, bears NE. and SW.
39.20	Leave undergrowth of service berry bushes, oak and buck brush, bears NE. and SW., and enter dense sagebrush, at the base of descent, bearing NE. and SW.; over nearly level bottom of Hay 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 32 | S 33 | 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	From this cor., Red Spring bears S.45°15'E. 1.00 ch. distant.
50.50	Dry wash, 30 lks. wide, 2 ft. deep, course SW.
54.20	Wagon road bears NE. to the Meadow Creek Ranch and SW. to Cisco, Utah.
67.00	Leave sagebrush, bears NE. and SW., and enter dense service berry bushes, oak and buck brush; leave bottom of canyon, begin ascent of 75 ft. over SE. slope.
67.50	Enter a medium growth of timber, bears NE. and SW.
70.10	Spur, projects E.; desc. 195 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 3 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: T16S | R23E / S29 | S28 / S32 | S33 / 1922 from which,

Subdivision of T. 16 S., R. 23 E.

Chains.	
	A pinon pine, 12 ins. diam., bears N.10°45'E., 69 lks. dist., marked T 16 S R 23 E S 28 B T.
	A fir, 20 ins. diam., bears S.57°30'E., 48 lks. dist., marked T 16 S R 23 E S 33 B T.
	A pinon pine, 16 ins. diam., bears S.8°W., 57 lks. dist., marked T 16 S R 23 E S 32 B T.
	A fir, 18 ins. diam., bears N.54°W., 54 lks. dist., marked T 16 S R 23 E S 29 B T.
	Land, abrupt and mountainous, and rough with outcroppings and broken ledges of sandstone and shale formation; general drainage SW.
	Soil, rocky red sand and sandy loam, lying on bedrock; dark sandy loam several ft. deep, in the bottom of Hay Canyon.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, service berry bushes, oak and buck brush.
	Fair growth of grass and browse.
	East on a random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. and S. line, 9 lks. N. of the cor. of secs. 27, 28, 33 and 34.
	Thence,
	N.89°56'W., on a true line bet. secs. 28 and 33.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; asc. along S. slope 660 ft.
13.70	Spur, projects S.15°W.; desc. abruptly 615 ft. to
40.03	Set an iron post, 23 ft. long, 1 ins. in diam., 3 ins. in the ground to solid rock and in a mound of stone, for ¼ sec. cor., with brass cap mkd. S 28 / ¼ / S 33 / 1922
	from which,

Subdivision of T. 16 S., R. 23 E.

Chains.	
	A pinon pine, 12 ins. diam., bears N.15°15'W., 73 lks. dist., marked ¼ S 28 B T.
	A fir, 18 ins. diam., bears S.64°W., 63 lks. dist., marked ¼ S 33 B T.
61.60	Dry wash, 25 lks. wide, 2 ft. deep, in the bottom of Hay Canyon, 540 ft. below ¼ sec. cor., course S.; asc. abruptly 305 ft. along N. rough slope to sec. cor.
63.10	Wagon road bears N.20°E. to the Meadow Creek Ranch and S.20°W. to Cisco, Utah.
80.06	The cor. of secs. 28, 29, 32 and 33.
	Land, abrupt mountains with shale and sandstone outcroppings, and series of broken and perpendicular ledges; drainage SE., E. 13.70 chs.; remainder of mile drains generally to the SW.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock, on the sides of ravines and canyon; deep dark sandy loam in the bottoms of ravines and canyon.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, service berry bushes and young mahogany; dense sagebrush in bottom of canyon.
	Fair growth of browse and scattering bunch grass.

	N.0°03'W. bet. secs. 28 and 29.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; desc. N. slope 20 ft.
5.30	Ravine, course E.; asc. abruptly 610 ft.
5.50	Enter heavy timber, bears E. and W.
17.90	Spur, projects SE.; desc. abruptly 860 ft.
38.90	Ravine, course SE.; asc. 45 ft. to
40.00	Upon surface rock, set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) cut into the rock and in a mound of stone, for ¼ sec. cor., with brass cap mkd: ¼ S 29 | S 28

Subdivision of T. 16 S., R. 23 E.

Chains.	
	All trees within a reasonable distance are too scrubby for marking.
66.10	Spur, 890 ft. above ¼ sec. cor., projects SE.; desc. abruptly 395 ft. 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: T16S | R23E S20 | S21 S29 | S28 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor., as there are no trees within limits suitable for marking.
	Land, abrupt mountains with shale and sandstone outcroppings, and series of broken and perpendicular ledges; drainage SE., S. 66.10 chs., into Hay Canyon; N. 13.90 chs. drains NE. into Hay Canyon.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, service berry bushes, young mahogany and fir.
	Scattering growth of bunch grass.
	S.89°56'E. on a random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 21, 22, 27 and 28.
	Thence,
	S.89°59'W. on a true line bet. secs. 21 and 28.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; desc. along N. slope 980 ft.
28.90	Leave timber, bears NE. and SW.
29.10	Leave undergrowth of service berry bushes, oak and buck brush, bears NE. and SW., and enter dense sagebrush,

Subdivision of T. 16 S., R. 23 E.

Chains.	
	at the base of descent, bearing NE. and SW.; over nearly level bottom of ravine.
34.90	Dry wash, 15 lks. wide, 18 ins. deep, course SW.
38.40	Leave sagebrush, bears NE. and SW., and enter dense service berry bushes, oak and buck brush; leave bottom of ravine, begin abrupt ascent of 90 ft. to ¼ sec. cor., over rough SE. slope.
39.00	Enter a medium growth of timber, bears NE. and SW.
39.93	Set an iron post, 3 ft. long, 1 in. in diam., 3 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 28 1922 from which, A fir, 8 ins. diam., bears N.87°15'E., 44 lks. dist., marked ¼ S 21 B T. A pinon pine, 8 ins. diam., bears S.46°30'W., 46 lks. dist., marked ¼ S 28 B T.
43.40	Leave timber, bears NW. and SE.
45.70	Enter a medium growth of timber, bears N.20°W. and S.20°E., on top of spur, projecting S.20°E., 250 ft. above ¼ sec. cor.; desc. abruptly 295 ft.
53.40	Leave timber, bears NW. and SE.
53.60	Leave undergrowth of service berry bushes, oak and buck brush, bears NW. and SE., and enter dense sagebrush, at the base of descent, bearing NW. and SE.; over nearly level bottom of Hay Canyon.
57.30	Dry wash, 35 lks. wide, 3 ft. deep, course SE.
57.60	Wagon road bears NW. to the Meadow Creek Ranch and SE. to Cisco, Utah.
60.40	Leave sagebrush, bears NW. and SE., and enter dense service berry bushes, oak and buck brush; leave bottom of canyon, begin abrupt ascent of 610 ft. to sec. cor. over rough NE. slope.
61.00	Enter a medium growth of timber, bears NW. and SE.
79.86	The cor. of secs. 20, 21, 28 and 29.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Land, abrupt mountains with shale and sandstone outcroppings and broken ledges; general drainage SW.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock, on the sides of ravines and canyon; dark sandy loam several ft. deep in the bottoms of ravines and canyon.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, service berry bushes and youhg mahogahy; dense sagebrush in the bottoms of ravines and canyon.
	Fair growth of grass and browse.
	N.0°03'W. bet. secs. 20 and 21.
	Desc. abruptly 450 ft. over rough NE. slope, through a medium growth of timber and dense undergrowth.
30.80	Road bears N.20°W. to the Meadow Creek Ranch and S.20°E. to Cisco, Utah.
31.00	Stream of clear water, 3 lks. wide, 2 ins. deep, in wash, 20 lks. wide, 3 ft. deep, in the bottom of Hay Canyon, course S.20°E.; asc. 110 ft. to ¼ sec. cor., over rough SW. slope.
40.00	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 20 | S 21 1922 from which, A cedar, 8 ins. diam., bears N.43°45'E., 27 lks. dist., marked ¼ S 21 B T. A fir, 10 ins. diam., bears S. 6°15'W., 18 lks. dist., marked ¼ S 20 B T.
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:

Subdivision of T. 16 S., R. 23 E.

Chains.	
	T16S | R23E S17 | S16 S20 | S21 1922
	from which,
	A pinon pine, 8 ins. diam., bears N.7°30'E., 150 lks. dist., marked T 16 S R 23 E S 16 B T.
	A pinon pine, 4 ins. diam., bears S.49°E., 56 lks. dist., marked T 16 S R 23 E S 21 B T.
	A cedar, 6 ins. diam., bears S.31°W., 73 lks. dist., marked T 16 S R 23 E S 20 B T.
	A pinon pine, 6 ins. diam., bears N.84°15'W., 55 lks. dist., marked T 16 S R 23 E S 17 B T.
	This cor. stands on a rough SW. slope, 655 ft. above ¼ sec. cor.
	Land, abrupt sides of Hay Canyon with outcroppings and broken ledges of shale and sandstone formation; drainage into Hay Canyon, thence SE.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock, on sides of canyon; dark sandy loam several ft. deep in the bottom of canyon.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, service berry bushes, and sagebrush.
	Fair grazing of grass and browse.
	N.89°59'E. on a random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16, 21 and 22.
	Thence,
	West on a true line bet. secs. 16 and 21.
	Desc. abruptly 625 ft. over rough NW. slope, through a medium growth of timber and dense undergrowth.
18.50	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, course SW.; asc. 100 ft.
23.20	Spur, projects S.20°W.; desc. 170 ft.
27.50	Draw, course S.20°E.; asc. abruptly 445 ft.

Subdivision of T. 16 S., R. 23 E.

Chains.	
37.80	Leave medium growth of timber and enter scattering, bears N. and S.
38.00	Leave ledges and outcroppings, bear N. and S., at the top of abrupt ascent or rim of ravine, bearing N. and S.; desc. 25 ft. to ¼ sec. cor., over rolling mountain top.
39.95	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a mound of stone, for ¼ sec. cor., with brass cap mkd: ¼ S 16 / S 21 1922 from which, A pinon pine, 6 ins. diam., bears N.22°15'E., 50 lks. dist., marked ¼ S 16 B T. A pinon pine, 6 ins. diam., bears S.52°15'W., 77 lks. dist., marked ¼ S 21 B T.
60.40	Base of descent, 160 ft. below ¼ sec. cor., bears N. and S.; asc. gradually 65 ft.
77.00	Leave scattering timber and enter a medium growth, bears N. and S.; leave rolling mountain top, begin descent of 30 ft. over rough SW. slope to
79.90	The cor. of secs. 16, 17, 20 and 21.

Land, abrupt mountains with outcroppings and broken ledges of shale and sandstone formation, E. 38.00 chs. and W. 2.90 chs.; rolling mountain top, remainder of mile; general drainage S.

Soil, shallow, rocky red sand and sandy loam, lying on bedrock, on rough portions of mile; sandy loam, 2 or 3 ft. deep, lying on a clay subsoil, or on bedrock, on rolling mountain top.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, oak and buck brush, service berry bushes and sagebrush.

Good grazing on rolling mountain top.

Subdivision of T. 16 S., R 23 E.

Chains.	
	N.0°03'W. bet. secs. 16 and 17.
	Asc. abrupt rough SW. slope 35 ft., through a medium growth of timber and dense undergrowth.
4.80	Leave timber, bears NW. and SE.
5.00	Leave ledges and outcroppings, bear N.20°W. and S.20°E., at the top of abrupt ascent or rim of Hay Canyon, bearing N.20°W. and S.20°E.; asc. gradually 20 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 | 1922 and raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.
41.40	Wagon road, bears E. and W.
55.00	Top of the main divide bet. the forks of Westwater and Main Canyons, 15 ft. above ¼ sec. cor., bears N.60°W. and S.60°E.; desc. gradually 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. 8, 9, 16 and 17, with brass cap mkd: T16S | R23E / S8 | S9 / S17 | S16 / 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, abrupt rough SW. slope of Hay Canyon, S. 5.00 chs.; rolling mountainous, N. 75.00 chs.; shale and sandstone formation; drainage SW., S. 5.00 chs.; N. 75.00 chs. drains generally NW. to Main Canyon.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock, on abrupt SW. slope; sandy loam, about 2 or 3 ft. deep, lying on a clay subsoil or on bedrock, on rolling mountainous portion of mile.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, sagebrush, oak and buck brush, and service

Chains.	
	berry bushes.
	Good grazing land, N. 75.00 chs.
	East on a random line bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
79.82	Intersect N. and S. line, at the cor. of secs. 9, 10, 15 and 16.
	Thence,
	West on a true line bet. secs. 9 and 16.
	Desc. 320 ft. over SW. slope, through dense undergrowth.
27.80	Ravine, course N.30°W.; asc. 230 ft.
37.80	Barbed wire fence, bears N. and S., on top of spur, projecting N.30°W.; desc. 25 ft. to
39.91	Set an iron post, 3 ft. long, 1 in. in diam., 20 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 1922 and deposit a stone, 4x2x2 ins., marked with a cross (X), in the hole at the base of the post.
52.70	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, 265 ft. below ¼ sec. cor., course N.30°E.; asc. 230 ft.
53.10	Enter scattering timber, bears NE. and SW.
64.10	Leave timber, bears N. and S., on top of spur, projecting N.20°E.; desc. gradually 15 ft. to
79.82	The cor. of secs. 8, 9, 16 and 17.
	Land, rolling mountainous with general drainage NW.; shale and sandstone formation.
	Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir, balsam and pinon pine.
	Undergrowth, sagebrush, service berry bushes, oak and buck brush.
	Good grazing land.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	N.0°03'W. bet. secs. 8 and 9.
	Desc. 10 ft. over NE. slope, through dense undergrowth.
10.00	Head of ravine, course NW.; asc. 35 ft.
34.40	Spur, projects N.20°W.; desc. gradually 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: $\frac{\frac{1}{4}}{\text{S 8} \mid \text{S 9}}$ 1922 and dig pits, 18X18X12 ins., N. and S. of post, 3 ft. dist.
69.90	Ravine, 155 ft. below ¼ sec. cor., course N.20°W.; asc. 15 ft.
75.40	Spur, projects W.; desc. 45 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: T16S | R23E / S5 | S4 / S8 | S9 / 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling mountainous, draining NW.; shale and sandstone formation.
	Soil, red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, a few scattering cedar and aspen.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	East on a random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	Thence,
	S.89°56'W. on a true line bet. secs. 4 and 9.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Desc. gradually 20 ft. over gently rolling land, through dense undergrowth.
25.50	Stream of clear water, 3 lks. wide, 3 ins. deep, in the bottom of ravine, course N.; asc. abruptly 450 ft.
35.90	Top of abrupt ascent, bears N.30°W. and S.30°E.; asc. gradually 35 ft. to
39.88	At the top of ascent, bearing NW. and SE., set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd: $\frac{\frac{1}{4}\ S\ 4}{S\ 9\ 1922}$ from which,
	A cedar, 7 ins. diam., bears N.34°E., 38 lks. dist., marked ¼ S 4 B T.
	A cedar, 5 ins. diam., bears S.29°E., 52 lks. dist., marked ¼ S 9 B T.
	From this cor., desc. gradually 75 ft.
57.50	Base of gradual descent, bears NW. and SE.; desc. abruptly 185 ft.
68.70	Ravine, course N.25°W.; asc. 120 ft.
74.90	Spur, projects N.20°W.; desc. 160 ft. to
79.76	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling and rolling mountainous, draining NW.; shale and sandstone formation.
	Soil, gravelly, rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, a few scattering cedar and pinon pine.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	N.0°01'W. on a random line bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
79.77	Intersect the N. bdy. of the Tp., 5 lks. E. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
	Thence,
	S.0°03'E. on a true line bet. secs. 4 and 5.

Chains.	
	Asc. 105 ft. along W. slope, through heavy timber and dense undergrowth.
3.00	Spur, projects N.70°W.; desc. 20 ft.
10.40	Draw, course W.; asc. 195 ft. to ¼ sec. cor.
24.40	Leave timber, bears NE. and SW.
39.77	On top of spur, projecting S.80°W., 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 5 | S 4 1922 and deposit a stone, 3X2X2 ins., marked with a cross (X), in the hole at the base of the post.
48.20	Bearing of slope changes from N.80°E. and S.80°W., to NW. and SE.
68.40	Draw, 215 ft. below ¼ sec. cor., course NW.; asc. 110 ft. to
79.77	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling mountainous, draining generally N.; outcroppings of shale and sandstone formation.
	Soil, gravelly, rocky red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, sagebrush, service berry bushes and young mahogany.
	Good grazing land.
	From the true point for 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. 100 ft. along E. rough slope, through a medium growth of timber and dense undergrowth.
6.20	Bearing of slope changes from N. and S., to N.80°W. and S.80°E.; asc. abruptly 130 ft.
13.50	Spur, projects S.80°E.; desc. abruptly 145 ft.

Chains.

21.80 Ravine, course S.80°E.; asc. abruptly 275 ft.

32.30 Spur, projects S.60°E.; desc. abruptly 230 ft.

38.80 Ravine, course S.70°E.; asc. 15 ft. to

40.00 On top of broken sandstone ledge, 15 ft. high, bearing E. and W., set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) chisled into the rock, and in a mound of stone, for ¼ sec. cor., with brass cap mkd:

¼

S 31 | S 32

1922

from which,

A cedar, 10 ins. diam., bears S.3°30'E., 67 lks. dist., marked ¼ S 32 B T.

A pinon pine, 10 ins. diam., bears S.26°W., 22 lks. dist., marked ¼ S 31 B T.

48.60 Spur, 95 ft. above ¼ sec. cor., projects E.; desc. abruptly 610 ft.

67.30 Ravine, course N.80°E.; asc. abruptly 305 ft. to

79.96 Set an iron post, 3 ft. long, 2 ins. in diam., 3 ins. in the ground to solid rock and in a mound of stone, for witness cor. of secs. 29, 30, 31 and 32, with brass cap mkd:

WC

T16S | R23E

S30 | S29

S31 | S32

1922

from which,

The face of a broken ledge, bears N.17°30'E., 16 lks. dist., marked W C X 29 B O.

A pinon pine, 16 ins. diam., bears S.32°45'E., 73 lks. dist., marked W C T 16 S R 23 E S 32 B T.

A pinon pine, 6 ins. diam., bears S.25°30'W., 82 lks. dist., marked W C T 16 S R 23 E S 31 B T.

Owing to the slope being very abrupt and rough, it is impracticable to determine the distance and bearing to a tree or other object in sec. 30.

80.00 The true point for cor. of secs. 29, 30, 31 and 32, falls

Chains.	
	on the face of a sloping broken ledge, 25 ft. high, bearing E. and W., making it impracticable to set the post or chisel a cross (X) at the exact cor. point.
	Land, abrupt and mountainous with outcroppings, and series of broken and perpendicular ledges of shale and sandstone formation; general drainage SE.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, service berry bushes and young mahogany.
	Fair growth of browse and scattering bunch grass.
	From the true point for cor. of secs. 29, 30, 31 and 32,
	East on a random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line, at the cor. of secs. 28, 29, 32 and 33.
	Thence,
	West on a true line bet. secs. 29 and 32.
	Over rough mountainous land, through a medium growth of timber and dense undergrowth; asc. along N. slope 275 ft.
5.70	Bearing of slope changes from E. and W., to N.10°W. and S.10°E.; asc. abruptly 400 ft.
16.60	Spur, projects S.10°E.; desc. abruptly 255 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 3 ins. in the ground to solid rock and in a mound of stone, for ¼ sec. cor., with brass cap mkd: ¼ S 29 / S 32 1922, from which,
	A fir, 12 ins. diam., bears N.20°W., 19 lks. dist., marked ¼ S 29 B T.
	A fir, 24 ins. diam., bears S.10°E., 106 lks. dist., marked ¼ S 32 B T.

Subdivision of T. 16 S., R. 23 E.

Chains.	
44.60	Leave timber, bears NW. and SE.
45.00	Base of abrupt descent, 265 ft. below ¼ sec. cor., bears NW. and SE.; over nearly level bottom of ravine.
45.20	Leave undergrowth of service berry bushes, oak and buck brush, bears NW. and SE., and enter dense sagebrush.
51.50	Dry wash, 25 lks. wide, 3 ft. deep, course SE.
67.80	Leave sagebrush, bears N.30°W. and S.30°E., and enter dense service berry bushes, young mahogany, oak and buck brush; leave bottom of ravine, begin abrupt ascent of 475 ft. to the true point for cor. of secs. 29, 30, 31 and 32, over NE. slope.
68.20	Enter a medium growth of timber, bears NW. and SE.
73.00	Bearing of ascent changes from NW. and SE., to E. and W.
80.00	The true point for cor. of secs. 29, 30, 31 and 32.

Land, abrupt mountains, rugged with shale and sandstone outcroppings, and series of broken and perpendicular ledges; general drainage into Hay Canyon, thence S.

Soil, shallow, rocky red sand and sandy loam, lying on bedrock, on sides of ravines; dark sandy loam, several ft. deep, in the bottoms of ravines.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, oak and buck brush, service berry bushes, sagebrush and young mahogany.

Fair growth of grass in bottom of ravine, W. ½ mile.

West on a random line bet. secs. 30 and 31, from the true point for cor. of secs. 29, 30, 31 and 32.

40.00	Set temp. ¼ sec. cor.
77.54	Intersect the W. bdy. of the Tp., 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed on the W. by a mound of stone.

Thence,

N.89°58'E. on a true line bet. secs. 30 and 31.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Over rough mountainous land, through dense undergrowth; desc. 80 ft. along NE. slope.
8.80	Base of descent, bears NW. and NE.; asc. 90 ft.
14.50	Top of ascent, bears NE. and SW.; over nearly level top of point of spur.
14.90	Leave level top, begin abrupt descent of 740 ft. over NE. slope.
32.90	Draw, course N.30°E.; asc. 70 ft. to ¼ sec. cor.
33.00	Enter scattering timber, bears NE. and SW.
37.54	On top of spur, projecting N., 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 30 / S 31 1922 from which, A cedar, 14 ins. diam., bears N.20°15'W., 111 lks. dist., marked ¼ S 30 B T. A cedar, 8 ins. diam., bears S.7°15'E., 144 lks. dist., marked ¼ S 31 B T.
42.10	Enter a medium growth of timber, bears N. and S., in the bottom of ravine, 135 ft. below ¼ sec. cor., course N.20°W.; asc. abruptly 425 ft.
51.40	Spur, projects N.20°W.; desc. 35 ft.
55.40	Draw, course N.; asc. 70 ft.
59.00	Spur, projects N.60°E.; desc. abruptly 480 ft. to the true point for cor. of secs. 29, 30, 31 and 32.
66.00	Bearing of descent changes from N.60°E. and S.60°W., to E. and W.
77.54	The true point for cor. of secs. 29, 30, 31 and 32.
	Land, abrupt mountains with outcroppings and broken ledges of shale and sandstone formation; drainage NE., W. 59.00 chs.; E. 18.54 chs. drains SE.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock; deeper dark sandy loam, in the bottoms of draws and ravines.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Timber, cedar, fir, balsam, pinon pine and mahogany. Undergrowth, oak and buck brush, service berry bushes and sagebrush. Good grazing of grass and browse on greater portion of mile.
	From the true point for cor. of secs. 29, 30, 31 and 32, N. 0°03' W. bet. secs. 29 and 30. Over rough mountainous land, through a medium growth of timber and dense undergrowth; asc. abrupt S. slope. 30 ft.
1.10	Spur, projects E.; desc. abruptly 380 ft.
15.90	Leave undergrowth of service berry bushes, young mahogany, oak and buck brush, bears NW. and SE., and enter dense sagebrush.
16.90	Leave medium growth of timber and enter scattering, bears NW. and SE.; at the base of abrupt descent, bearing NW. and SE.; over nearly level bottom of ravine.
20.00	Dry wash, 20 lks. wide, 3 ft. deep, course SE.
20.30	Leave sagebrush, bears NW. and SE., and enter dense service berry bushes, young mahogany, oak and buck brush; leave bottom of ravine, bears NW. and SE.; begin abrupt ascent of 360 ft. over SE. slope.
20.90	Enter a medium growth of timber, bears NW. and SE.
35.90	Spur, projects S. 70° W.; desc. 25 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 $\frac{1}{4}$ sec. cor., with brass cap mkd: $\frac{1}{4}$ | S 30 | S 29 | 1922 from which, A fir, 12 ins. diam., bears S. 72° E., 24 lks. dist., marked $\frac{1}{4}$ S 29 B T. A pinon pine, 12 ins. diam., bears S. 65° W., 27 lks. dist., marked $\frac{1}{4}$ S 30 B T.

Subdivision of T. 16 S., R. 23 E.

Chains.

58.00 Draw, 125 ft. below ¼ sec. cor., course W.; asc. 175 ft.

76.80 Spur, projects S.80°W.; desc. 75 ft. to

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. 19, 20, 29 and 30, with brass cap mkd:

T16S	R23E
S19	S20
S30	S29

1922

from which,

A pinon pine, 16 ins. diam., bears N.19°E., 74 lks. dist., marked T 16 S R 23 E S 20 B T.

A fir, 24 ins. diam., bears S.14°E., 32 lks. dist., marked T 16 S R 23 E S 29 B T.

A pinon pine, 6 ins. diam., bears S.17°W., 35 lks. dist., marked T 16 S R 23 E S 30 B T.

A pinon pine, 14 ins. diam., bears N.31°45'W., 60 lks. dist., marked T 16 S R 23 E S 19 B T.

Land, abrupt and mountainous; outcroppings and broken ledges of shale and sandstone formation; drainage into large ravine, thence SE.

Soil, shallow, rocky red sand and sandy loam, lying on bedrock, on rough portions; deeper dark sandy loam, in the bottoms of draws and ravines.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, oak and buck brush, service berry bushes, sagebrush and young mahogany.

Fair growth of browse and scattering bunch grass.

East on a random line bet. secs. 20 and 29.

40.00 Set temp. ½ sec. cor.

79.96 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence,

N.89°57'W. on a true line bet. secs. 20 and 29.

Asc. abruptly 455 ft. over rough NE. slope, through a medium growth of timber and dense undergrowth.

Subdivision of T. 16 S., R. 23 E.

Chains.	
10.00	Spur, projects S.30°E.; asc. 125 ft., across the head of draw, draining S.
14.60	Spur, projects S.10°W.; desc. abruptly 925 ft. to
39.98	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 20 / S 29 1922 from which, A pinon pine, 6 ins. diam., bears N.54°W., 44 lks. dist., marked ½ S 20 B T. A pinon pine, 7 ins. diam., bears S.73°45'E., 26 lks. dist., marked ¼ S 29 B T.
41.00	Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, 25 ft. below ¼ sec. cor., course S.; asc. abruptly 1070 ft.
64.20	Spur, projects S.; desc. abruptly 395 ft., along a general NW. slope to
79.96	The cor. of secs. 19, 20, 29 and 30.
	Land, abrupt and rough mountainous, draining E. and W. to deep ravines, thence generally to the S.; shale and sandstone formation.
	Soil, shallow, rocky red sand and sandy loam, lying on bedrock; dark sandy loam several ft. deep, in the bottoms of ravines.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, service berry bushes, sagebrush and young mahogany.
	Fair growth of browse and scattering bunch grass.
	S.89°58'W. on a random line bet. secs. 19 and 30.
40.00	Set temp. ½ sec. cor.
77.21	Intersect the W. bdy. of the Tp., 13 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 2

Chains.	
	ins. in diam., extending 18 ins. above ground, firmly set in a mound of stone and correctly marked.
	Thence,
	N.89°52'E. on a true line bet. secs. 19 and 30.
	Over mountainous land, through dense undergrowth; asc. gradually 80 ft.
25.20	Top of ascent or rim of ravine, bears N. and S.; desc. abruptly 365 ft. to ¼ sec. cor., over rough E. slope.
26.00	Enter scattering timber, bears N. and S.
37.21	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 30 / 1922
	from which,
	A fir, 12 ins. diam., bears N.70°E., 105 lks. dist., marked ¼ S 19 B T.
	A fir, 6 ins. diam., bears S.15°W., 10 lks. dist., marked ¼ S 30 B T.
	Continue abrupt descent of 545 ft. from this ¼ sec. cor.
53.70	Ravine, course S.20°E.; asc. 40 ft.
58.70	Spur, projects SW.; desc. 85 ft.
63.10	Enter a medium growth of timber, bears NE. and SW., in the bottom of ravine, course SW.; asc. abruptly 600 ft. to
77.21	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous, and abrupt mountainous; outcroppings and broken ledges of shale and sandstone formation; general drainage SE.
	Soil, red sand and sandy loam; shallow and rocky, lying on bedrock, on rough portions of mile; deeper sandy loam, lying on a clay subsoil, on the rolling land and rolling mountainous parts.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, sagebrush and service berry bushes.

Subdivision of T. 16 S., R. 23 E.

Chains.

Good grazing land, W. 25.20 chs.; fair grazing on rough portions of mile.

N.0°03'W. bet. secs. 19 and 20.

Desc. abruptly 160 ft. over rough NW. slope, through a medium growth of timber and dense undergrowth.

6.40 Ravine, course S.60°W.; asc. abruptly 400 ft.

28.40 Leave medium growth of timber and enter scattering, bears NW. and SE.

28.50 Leave ledges and outcroppings, bear NW. and SE., at the top of abrupt ascent or rim of ravine, bearing NW. and SE.; asc. gradually 15 ft. over gently rolling mountain top 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

1922

from which,

A cedar, 6 ins. diam., bears N.14°30'E., 90 lks. dist., marked ¼ S 20 B T.

A cedar, 9 ins. diam., bears S.22°30'W., 62 lks. dist., marked ¼ S 19 B T.

Continue gradual ascent of 75 ft. over gently rolling mountain top, from this ¼ sec. cor. to sec. cor.

50.00 Timber becomes more scattering.

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:

T16S | R23E
S18 | S17
S19 | S20

1922

and raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor., as there are no trees within a reasonable distance suitable for marking.

Land, abrupt and rough mountainous, draining SW., S.

Chains.	
	28.50 chs.; gently rolling mountain top with a southern exposure and drainage, N. 51.50 chs.; shale and sandstone formation, S. 28.50 chs.
	Soil, red sand and sandy loam; shallow and rocky, lying on bedrock, on rough portion of mile; deeper sandy loam, lying on a clay subsoil, or on bedrock, on mountain top.
	Timber, cedar, fir, balsam, pinon pine and mahogany.
	Undergrowth, oak and buck brush, sagebrush and service berry bushes.
	Good grazing land, N. 51.50 chs.
	S.89°57'E. on a random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect N. and S. line, 47 lks. S. of the cor. of secs. 16, 17, 20 and 21.
	Thence,
	S.89°43'W. on a true line bet. secs. 17 and 20.
	Desc. abrupt rough SW. slope 310 ft., through a medium growth of timber and dense undergrowth.
8.10	Road bears N. to the Meadow Creek Ranch and S. to Cisco, Utah.
8.50	Hay Canyon, course S.; asc. abruptly 325 ft.
16.40	Leave medium growth of timber, and enter scattering, bears NE. and SW.
16.60	Leave ledges and outcroppings, bear N.20°E. and S.20°W., at the top of abrupt ascent, bearing N.20°E. and S.20°W.; over gently rolling top of spur, projecting S., to
40.10	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 1922
	from which,
	A pinon pine, 6 ins. diam., bears N.35°E., 243 lks. dist., marked ¼ S 17 B T.
	A cedar, 10 ins. diam., bears S.88°W., 179 lks. dist., marked ¼ S 20 B T.

Subdivision of T. 16 S., R. 23 E.

Chains.	
40.20	Leave top of spur, bears N.10°W. and S.10°E.; begin abrupt descent of 90 ft. over rough SW. slope, through a medium growth of timber, bearing N. and S.
46.50	Draw, course SW.; asc. 130 ft.
48.30	Spur, projects S.20°W.; desc. 65 ft.
51.80	Draw, course S.30°E.; asc. abruptly 155 ft.
55.30	Leave timber, bears N. and S.
55.50	Leave outcroppings and ledges, bear N. and S., at the top of abrupt ascent or rim of draw, bearing N. and S.; over gently rolling mountain top to
80.20	The cor. of secs. 17, 18, 19 and 20, 130 ft. above top of abrupt ascent.

Land, abrupt and rough sides of draws and canyon, and gently rolling tops; shale and sandstone formation; general drainage S.

Soil, red sand and sandy loam; shallow and rocky, lying on bedrock, on rough portions of mile; sandy loam, lying on a clay subsoil, or on bedrock, on rolling tops.

Timber, cedar, fir, balsam, pinon pine and mahogany.

Undergrowth, oak and buck brush, sagebrush and service berry bushes.

Fair growth of browse and bunch grass on rough portions of mile; good grazing on rolling tops.

S.89°52'W. on a random line bet. secs. 18 and 19.

40.00	Set temp. ¼ sec. cor.
77.03	Intersect the W. bdy. of the Tp., at the cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed on the W. by a mound of stone.

Thence,

N.89°52'E. on a true line bet. secs. 18 and 19.

Over rolling mountainous land, through dense undergrowth; asc. NW. slope 40 ft.

Subdivision of T. 16 S., R. 23 E.

Chains.	
27.90	Main divide bet. the forks of Meadow Creek and Westwater Canyons, bears N.70°E. and S.30°W.; desc. 30 ft. to ¼ sec. cor.
33.00	Main travelled trail, along the top of the main divide bet. the forks of Meadow Creek and Westwater Canyons, bears N.30°E. and S.30°W.
37.03	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 18 / S 19 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	From this cor., desc. gradually 40 ft.
52.00	Top of abrupt descent or rim of ravine, bears NE. and SW.
62.20	Head of ravine, 55 ft. below top of abrupt descent, course S.; asc. abruptly 65 ft.
75.40	Top of abrupt ascent or rim of ravine, bears NW. and SE.; asc. gradually 5 ft. to
77.03	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling mountainous, W. 52.00 chs. and E. 1.63 chs.; rough sides of ravine, remaining 23.40 chs.; shale and sandstone formation; drainage NW., W. 27.90 chs.; E. 49.13 chs. drains generally to the S.
	Soil, red sand and sandy loam; shallow and rocky, on rough portion; deeper sandy loam, lying on a clay subsoil, or on bedrock, on the rolling mountainous parts.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	No timber.
	N.0°03'W. bet. secs. 17 and 18.
	Over gently rolling mountain top, through dense undergrowth; asc. gradually 15 ft.
5.70	Main travelled trail bears E. and W., along the top of

Subdivision of T. 16 S., R. 23 E.

Chains.	
	the main divide bet. the forks of Meadow Creek and Westwater Canyons, bearing E. and W.; desc. gradually 95 ft. to
40.00	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.18 | S 17 | 1922 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
41.80	Top of abrupt descent, 5 ft. below ¼ sec. cor., bears NW. and SE.
54.90	Ravine, 190 ft. below top of abrupt descent, course NW.; asc. 130 ft.
55.60	Enter scattering timber, bears NW. and SE.
64.70	Spur, projects W.; desc. 115 ft.
72.00	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course SW.; asc. 90 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: T16S | R23E / S7 | S8 / S18 | S17 / 1922 from which, A cedar, 8 ins. diam., bears N.25°E., 48 lks. dist., marked T 16 S R 23 E S 8 B T. A yellow pine, 30 ins. diam., bears S.36°30'E., 62 lks. dist., marked T 16 S R 23 E S 17 B T. A fir, 20 ins. diam., bears S.72°30'W., 35 lks. dist., marked T 16 S R 23 E S 18 B T. A fir, 24 ins. diam., bears N.81°45'W., 285 lks. dist., marked T 16 S R 23 E S 7 B T.

Land, rolling mountainous; shale and sandstone formation; drainage S., S. 5.70 chs.; general drainage NW., N. 74.30 chs.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir, balsam, aspen, pinon and yellow pine.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	N.89°43'E. on a random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	Thence S.89°45'W. on a true line bet. secs. 8 and 17.
	Asc. gradually 35 ft. over rolling land, through dense undergrowth.
36.50	Road bears N.30°W. to the Meadow Creek Ranch and S.30°E. to Cisco, Utah.
40.09	At the top of ascent, bearing NW. and SE., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd: "1/4 S 8 / S 17 / 1922" and raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.
74.90	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, 110 ft. below ¼ sec. cor., course S.60°W.; asc. 25 ft. to
80.18	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling, shale and sandstone formation; drainage NW., E. ½ mile; W. ½ mile drains SW.
	Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, a few scattering cedar, fir, aspen, balsam and pinon pine.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.

Subdivision of T. 16 S., R. 23 E.

Chains.	
	S.89°52'W. on a random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
76.86	Intersect the W. bdy. of the Tp., 12 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by four bearing trees, one in each sec.
	Thence,
	N.89°57'E. on a true line bet. secs. 7 and 18.
	Over rolling land, through scattering timber and dense undergrowth; asc. gradual W. slope 15 ft.
15.80	Leave timber, bears N. and S., on top of spur, projecting N.; desc. 400 ft.
33.70	Ravine, course N.; asc. 95 ft. to
36.86	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 18 1922 from which, A sandstone boulder, 7x5x4 ft., bears N.54°W., 61 lks. dist., marked X 7 B O. As there are no accessories available in sec. 18, I deposit a stone, 4x3x1 ins., marked with a cross (X), in the hole beside the post.
41.90	Spur, 95 ft. above ¼ sec. cor., projects N.; desc. gradually 5 ft.
43.70	Begin abrupt descent of 190 ft. over NE. slope.
52.90	Leave oak and buck brush undergrowth, bears NW. and SE., and enter dense sagebrush, at the base of abrupt descent, bearing NW. and SE.; over nearly level bottom of ravine.
55.30	Dry wash, 20 lks. wide, 2 ft. deep, course NW.; asc. gradually 30 ft.
57.90	Leave sagebrush, bears NW. and SE., and enter dense oak and buck brush; leave bottom of ravine, begin abrupt

Subdivision of T. 16 S., R. 23 E.

Chains.	
	ascent of 195 ft. over SE. slope, through a medium growth of timber, bearing NW. and SE.
66.30	Top of abrupt ascent, bears NW. and SE.; asc. gradually 20 ft.
69.50	Spur, projects S.20°W.; desc. 60 ft. to
76.86	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling, W. 15.80 chs.; rolling mountainous, E. 61.06 chs.; shale and sandstone formation; general drainage NW.
	Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir, balsam and pinon pine.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	N.0°03'W. bet. secs. 7 and 8.
	Asc. gradually 15 ft. over SE. slope, through scattering timber and dense undergrowth.
18.40	Top of ascent, bears NE. and SW.; over rolling land.
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 | 1922 from which, A cedar, 24 ins. diam., bears N.21°45'E., 276 lks. dist., marked ¼ S 8 B T. A cedar, 10 ins. diam., bears S.21°W., 165 lks. dist., marked ¼ S 7 B T.
68.40	Road bears N.15°W. to the Meadow Creek Ranch and S.15°E. to Cisco, Utah.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd: T16S | R23E / S6 | S5 / S7 | S8 / 1922

Chains.	
	and raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.; no trees within a reasonable distance.
	Land, rolling, draining generally to the NW.; shale and sandstone formation.
	Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar and pinon pine; a few fir and balsam.
	Undergrowth, sagebrush; scattering oak and buck brush.
	Good grazing land.
	N.89°45'E. on a random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.18	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 4, 5, 8 and 9.
	Thence,
	S.89°43'W. on a true line bet. secs. 5 and 8.
	Over rolling mountainous land, through dense undergrowth; desc. general W. slope 25 ft.
1.30	Ravine, course N.; asc. abruptly 155 ft.
7.10	Top of abrupt ascent, bears N.25°W. and S.25°E.; asc. gradually 45 ft.
16.60	Enter scattering timber, bears N. and S., on top of spur, projecting N.25°W.; desc. 60 ft. to
40.09	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 / 1922
	from which,
	A cedar, 10 ins. diam., bears N.55°30'W., 175 lks. dist., marked ¼ S 5 B T.
	A red cedar, 8 ins. diam., bears S.8°E., 288 lks. dist., marked ¼ S 8 B T.
52.20	Junction of two ravines, from SE. and SW., 190 ft. below ¼ sec. cor., course N.20°W.; asc. abruptly 225 ft.
61.90	Top of abrupt ascent, bears N.20°W. and S.20°E.; asc.

Chains.	
	gradually 35 ft. to sec. cor.
70.90	Leave timber, bears N. and S.
80.18	The cor. of secs. 5, 6, 7 and 8.
	Land, rolling and rolling mountainous, draining NW.; shale and sandstone formation.
	Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.
	Timber, cedar, fir and pinon pine.
	Undergrowth, sagebrush, oak and buck brush.
	Good grazing land.
	S.89°57'W. on a random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
77.00	Intersect the W. bdy. of the Tp., 4 lks. N. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by four bearing trees, one in each sec.
	Thence,
	N.89°55'E. on a true line bet. secs. 6 and 7.
	Over mountainous land, through a medium growth of timber and dense undergrowth; desc. NE. slope 220 ft.
8.40	Stream of clear water, 4 lks. wide, 3 ins. deep, in the bottom of Willow Spring Canyon, course N.10°W.; asc. abruptly 355 ft.
16.90	Top of abrupt ascent, bears NW. and SE.; over nearly level bench.
22.00	Leave timber, bears NW. and SE.
37.00	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: S 6 ¼ S 7 1922 and deposit a stone, 8x5x4 ins., marked with a cross (X), in the hole at the base of the post.

Subdivision of T. 16 S., R. 23 E.

Chains.

45.00 Leave bench, bears NW. and SE.; begin descent of 80 ft. over NE. slope.

58.70 Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of a fork of Meadow Creek Canyon, course NW.; asc. 80 ft.

62.40 Top of ascent, bears NW. and SE.; asc. gradually 20 ft. to sec. cor., over rolling land.

71.90 Road bears N.30°W. to the Meadow Creek Ranch and S.30°E. to Cisco, Utah.

77.00 The cor. of secs. 5, 6, 7 and 8.

Land, abrupt sides of Willow Spring Canyon, and fork of Meadow Creek Canyon, with shale and sandstone outcroppings; nearly level bench and rolling land; drainage NW.

Soil, red sand and sandy loam; shallow and rocky, lying on bedrock, on sides of canyons; deeper and gravelly sandy loam, lying on a clay subsoil, or on bedrock, on bench and rolling land.

Timber, cedar, fir, balsam and pinon pine.

Undergrowth, sagebrush, oak and buck brush.

Good grazing land.

N.0°03'W. on a random line bet. secs. 5 and 6.

40.00 Set temp. ¼ sec. cor.

80.20 Intersect the N. bdy. of the Tp., at the cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Thence,

S.0°03'E. on a true line bet. secs. 5 and 6.

Over gently rolling land, along E. slope, through heavy timber and dense undergrowth.

5.50 Leave heavy timber and enter scattering, bears E. and W.

40.20 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

1922

from which,

Boundaries of T. 16 S., R. 23 E.

Chains.

A cedar, 6 ins. diam., bears N.40°30'E., 106 lks. dist., marked ½ S 5 B T.

A cedar, 8 ins. diam., bears N.36°W., 159 lks. dist., marked ½ S 6 B T.

Over gently rolling bench from this ½ sec. cor. to

80.20 The cor. of secs. 5, 6, 7 and 8.

Land, gently rolling, with general drainage NW.; shale and sandstone formation.

Soil, gravelly red sand and sandy loam, lying on a clay subsoil, or on bedrock.

Timber, cedar, fir, balsam and pinon pine.

Undergrowth, sagebrush, oak and buck brush.

Good grazing land.

Latitudes, Departures and Closing Errors.

Line designated.	True bearing.	Distance.	Latitudes.		Departures.	
			N.	S.	E.	W.
		Chs.	Chs.	Chs.	Chs.	Chs.
West bdy. of Tp.	North	480.00	480.00			
North bdy. of Tp.	S.89°59'E.	477.02		0.14	477.02	
East bdy. of Tp.	South	480.00		480.00		
South bdy. of Tp.	West	477.64				477.64
Convergency.....					0.59	
Totals.....			480.00	480.14	477.61	477.64
				480.00		477.61
Error in lat.....			0.14 in dep...0.03			

General Description.

The main ridge or divide in this township crosses the west boundary of section nineteen, and bears in a general direction of approximately north seventy degrees east, through the township to the east boundary of section twelve. All the land to the south of this divide lies in a portion of the range known as the Book Cliffs or Book Mountains, which have a general southern

General Description.

exposure and drainage; and the surface of this portion of the township is cut by numerous deep ravines and canyons, the sides of which are very abrupt and rugged with outcroppings, and broken and perpendicular ledges. All of these ravines and canyons, the two principal ones being Hay and Middle Canyons, drain generally to the south into Westwater Canyon, in Township Seventeen South Range Twenty-three East. The land in this township to the north of the main divide has a general northern exposure and drainage, and varies from level and rolling to rough and rolling mountainous, being more level and rolling in the northwest portion. Meadow Creek Canyon, which has a northwesterly course, heads in the northwest part of this township, and drains portions of sections five, six, seven and eight. The remaining portion of the township to the north of the main ridge is drained generally to the northwest by forks of Main Canyon, which passes through Townships Fifteen and Fifteen and One Half South Range Twenty-three East.

The formation is sandstone and oil shale, the former predominating; but we saw no indications of coal or mineral.

The main divide has an elevation above sea level of approximately eighty-five hundred feet.

The soil is a red sand and dark sandy loam, being shallow and lying on bedrock, on the sections in the Book Mountains, but deeper sandy loam, lying on a clay subsoil or on bedrock, is found on the sections north of the main ridge. Dark sandy loam, several ft. deep lies along the bottoms of nearly all of the ravines and canyons.

Cedar, fir, balsam, mahogany, pinon and yellow pine are found throughout the township, varying from a scattering growth on the land to the north of the main divide

General Description.

to a medium and heavy growth in the Book Mountains; although heavy fir and balsam grow on the sides of some of the ravines in the northern portion of the township.

The principal undergrowth is oak and buck brush, service berry bushes and sagebrush, the former three being very dense throughout the township, while the latter is found mainly in the bottoms of canyons and ravines, and on the level and rolling land.

Water is plentiful in nearly all of the main ravines in the northern sections, more particularly so in the spring and early summer months, and a few small alkali streams and seeps are found in some of the rough ravines and canyons to the south of the main ridge. Red Spring which is a small spring having fairly good water, is located in the southwest quarter of section thirty-three, near the quarter corner of sections thirty-two and thirty-three.

The land is unfit for farming purposes, except a few small tracts in the bottom of Hay Canyon, where William May has just started to build a house and make improvements in sections thirty-two and thirty-three, contemplating homesteading. There are no other settlers or improvements in this township.

There is an abundant growth of grass and browse on the sections to the north of the main divide, and with the plentiful supply of water in this portion of the township, this land serves as a good summer range for stock; while the portion in the Book Mountains makes a good spring and fall range, for there is a fair growth of grass and browse and plenty of water at that time of the year. The land is being used at present for cattle range.

The road from Cisco, Utah to the Meadow Creek Ranch, which is located in section thirty-six, Township Fifteen and One Half South Range Twenty-one East,

General Description.

crosses the south boundary of section thirty-two, runs in a general northerly direction, and leaves the township on the west boundary of section six. There is also an old road along the top of the main ridge, entering the township on the east boundary of section twelve, and joining the Cisco-Meadow Creek Ranch Road in section seventeen. These are the only two roads in the township, but there are numerous trails along the tops of spurs to the north of the main divide, and in the bottoms of some of the ravines and canyons throughout the township. There is also a well travelled trail along the top of the main ridge.

The magnetic bearing of the true meridian is N.15°30'W., being the average throughout the township; the angle thus determined gives the magnetic declination 15°30' east.

Very respectfully,

Frank M. Griffin

U. S. Surveyor.

Harold S. Paul

U. S. Transitman.

Locations of Water in T. 16 S., R. 23 E.

Water is located in T. 16 S., R. 23 E. as follows:

Stream in ravine: N.½ SE.¼, N.½ SW.¼ and SW.¼ NW.¼ of sec. 1, S.½ NE.¼, E.½ NW.¼ and NW.¼ NW.¼ of sec. 2.

Stream in ravine: NW.¼ NE.¼ of sec. 1.

Stream in ravine: NE.¼ NE.¼ of sec. 11, S.½ SE.¼, NW.¼ SE.¼ and SW.¼ NE.¼ of sec. 2

Stream in ravine: E.½ NW.¼ of sec. 11, SE.¼ SW.¼ and W.½ W.½ of sec. 2.

Stream in ravine: E.½ NE.¼ and NW.¼ NE.¼ of sec. 35, and S.½ SE.¼ of sec. 26.

Stream in ravine: S.½ SE.¼, NW.¼ SE.¼, NE.¼ SW.¼ and S.½ NW.¼ of sec. 10, and E.½ NE.¼ of sec. 9.

Stream in bottom of Hay Canyon: SE.¼ NE.¼ and NE.¼ SE.¼ of sec. 20, and W.½ SW.¼ and SE.¼ SW.¼ of sec. 21.

Stream in ravine: SE.¼ SE.¼ of sec. 16, and N.½ NE.¼ of sec. 21.

Stream in ravine: SE.¼ SW.¼, W.½ SE.¼, S.½ NE.¼ and N.½ NE.¼ of sec. 9, and W.½ SE.¼, NE.¼ SW.¼, SE.¼ NW.¼ and N.½ NW.¼ of sec. 4.

Stream in ravine: SE.¼ SW.¼ of sec. 20, and NE.¼ NW.¼ of sec. 29.

Stream in ravine: S.½ SW.¼ of sec. 8, NW.¼ NW.¼ of sec. 17, and NE.¼ NE.¼ of sec. 18.

Stream in Willow Spring Canyon: NW.¼ NW.¼ of sec. 7, and W.½ SW.¼ of sec. 6.

Stream in fork of Meadow Creek Canyon: E.½ NE.¼ of sec. 7, S.½ SE.¼ and E.½ SW.¼ and NW.¼ SW.¼ of sec. 6.

A small spring known as Red Spring: NW.¼ SW.¼ of sec. 33.

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Page

BOOK A-455

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FIELD ASSISTANTS.

NAMES.	CAPACITY.
Samuel Brooks	1st. Assistant.
E. W. Hoopes	" "
Edward Goodyear	2nd. Assistant.
Eugene Harmston	" "
Sherman Christenson	" "
Merlin Dalby	Cornerman.
Owen Johnson	"
Reed Willardson	Flagman.
Sherman Christenson	"
Robert Thurber	Axman.
Luke Clegg	"
Standley Peters	Cornerman.
The above assistants were employed by us during the survey of T. 16 S., R. 23 E.	

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CERTIFICATE OF UNITED STATES SURVEYOR.

AND TRANSITMAN.

We, Frank W. Chapin and Harold S. Paul, U. S. Transit, 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 26th day of February, 1921, we have well, faithfully, and truly in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the South, East and North Boundaries, and the Subdivision of T. 16 S., R. 23 E. 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 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.

and date diagram on page 1 of same on the dates shown on said diagra

Harold S. Paul
U. S. Transitman.

Salt Lake City, Utah.
April 2, 1923.

Frank W. Chapin
U. S. Surveyor.

Phoenix, Arizona,
April 16, 1923.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, May 11, 1923.

The foregoing field notes of the survey of the south, east, and north boundaries and subdivision of Township No. 16 S., R. 23 E., of the Salt Lake Base and Meridian, Utah,

executed by Frank W. Chapin and Harold S. Paul

under special instructions dated February 26, 1921, 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.

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