Volume

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R0509

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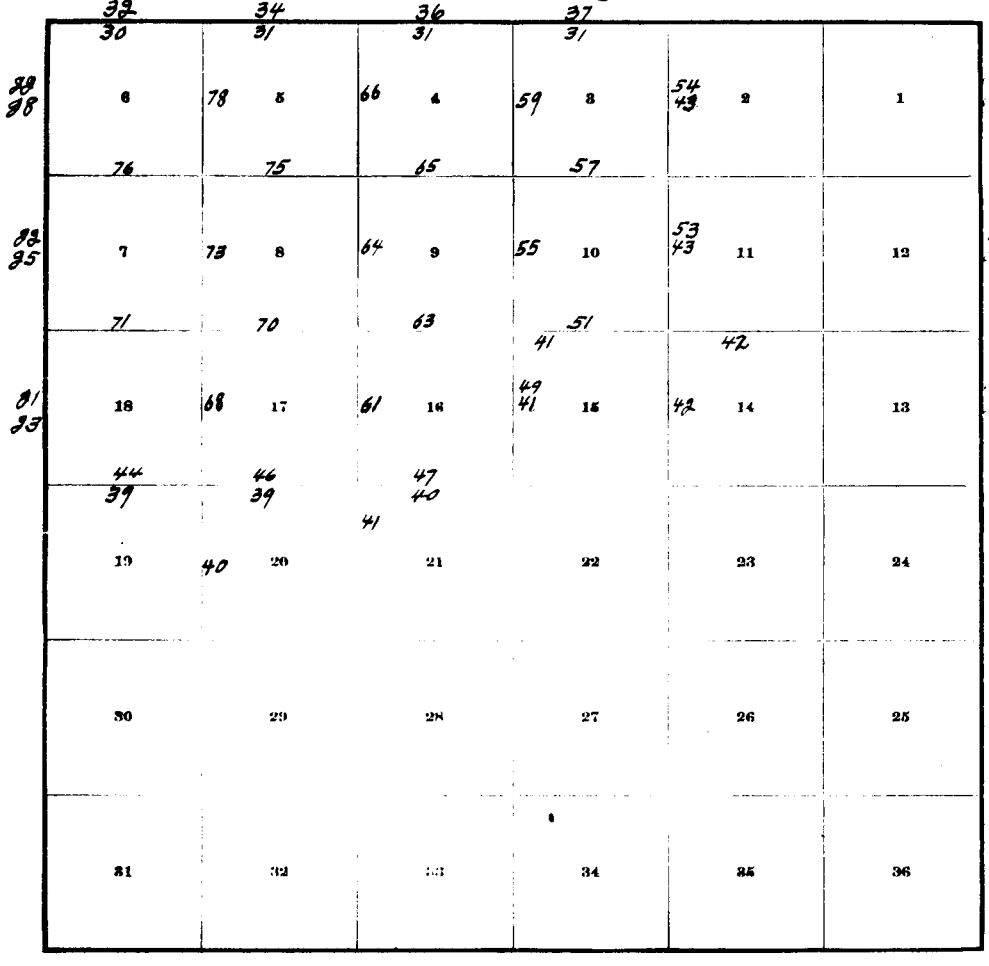
INDEX DIAGRAM.

Township 40 South, Range 6 West



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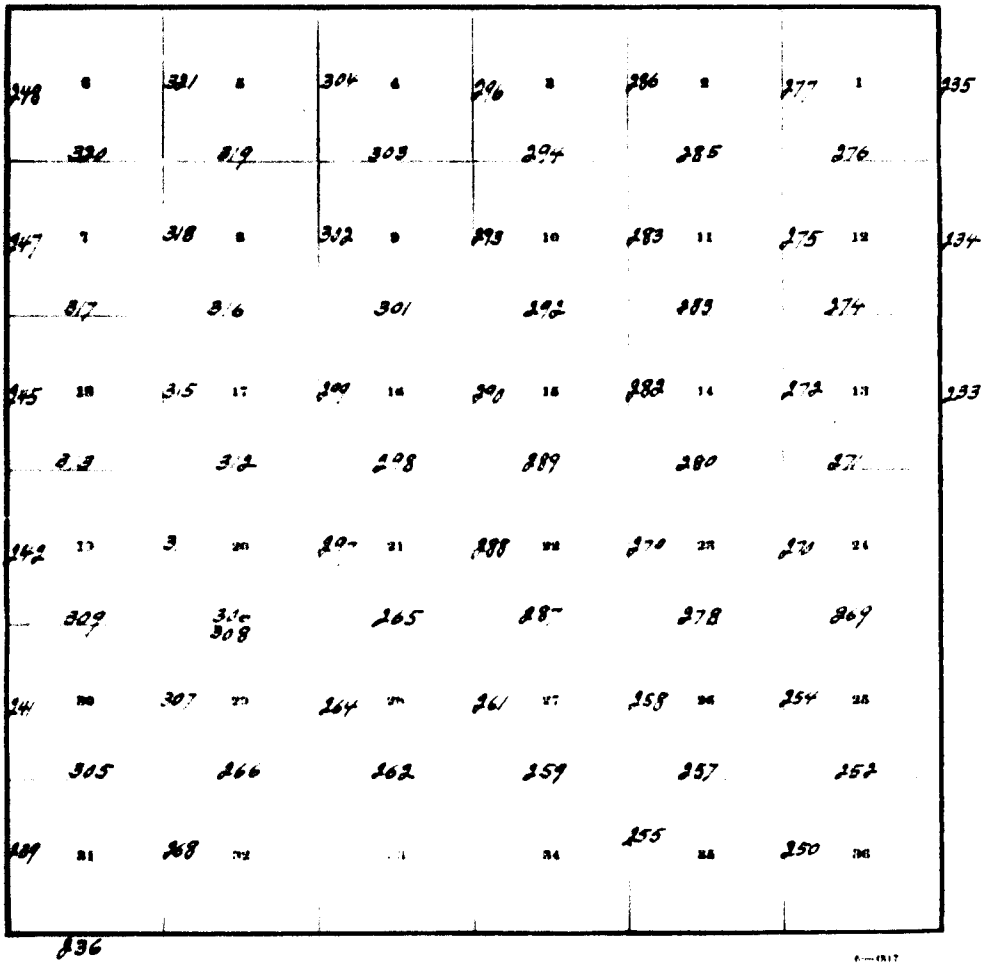
Township 28 South, Range 4 East



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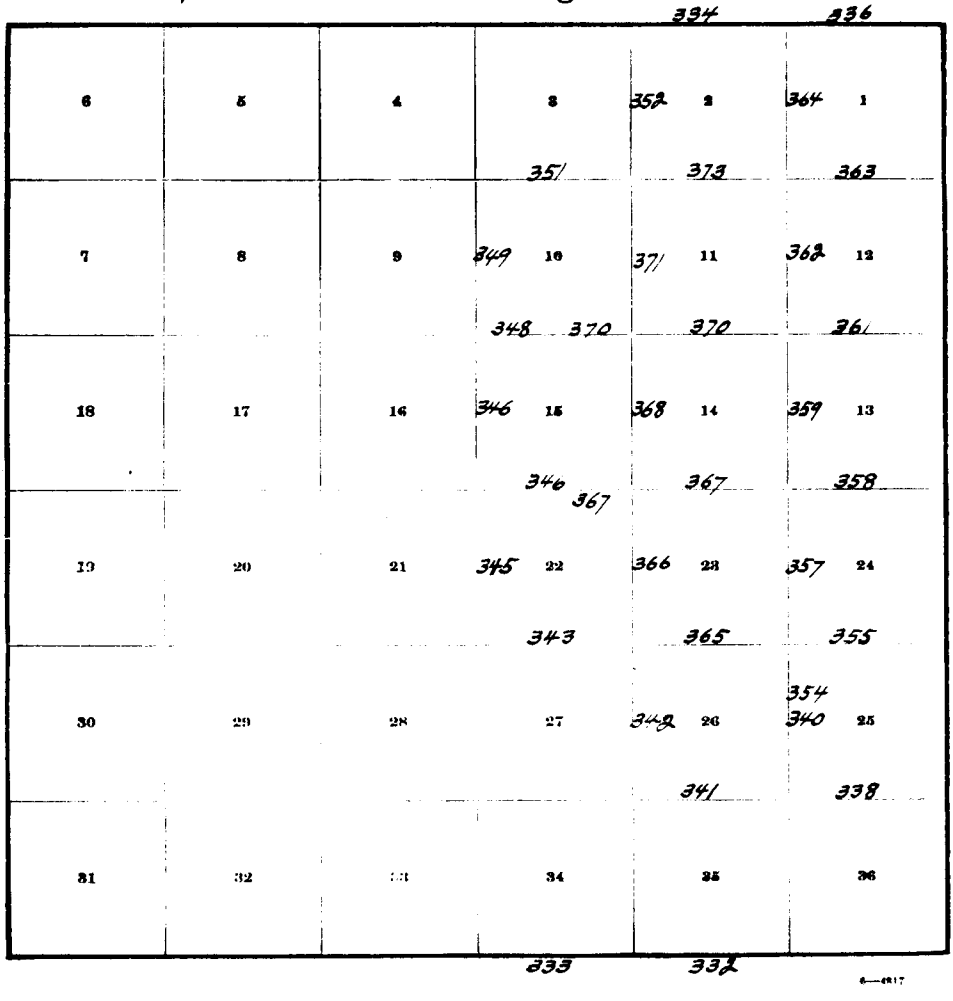
Township 28 South, Range 3 East



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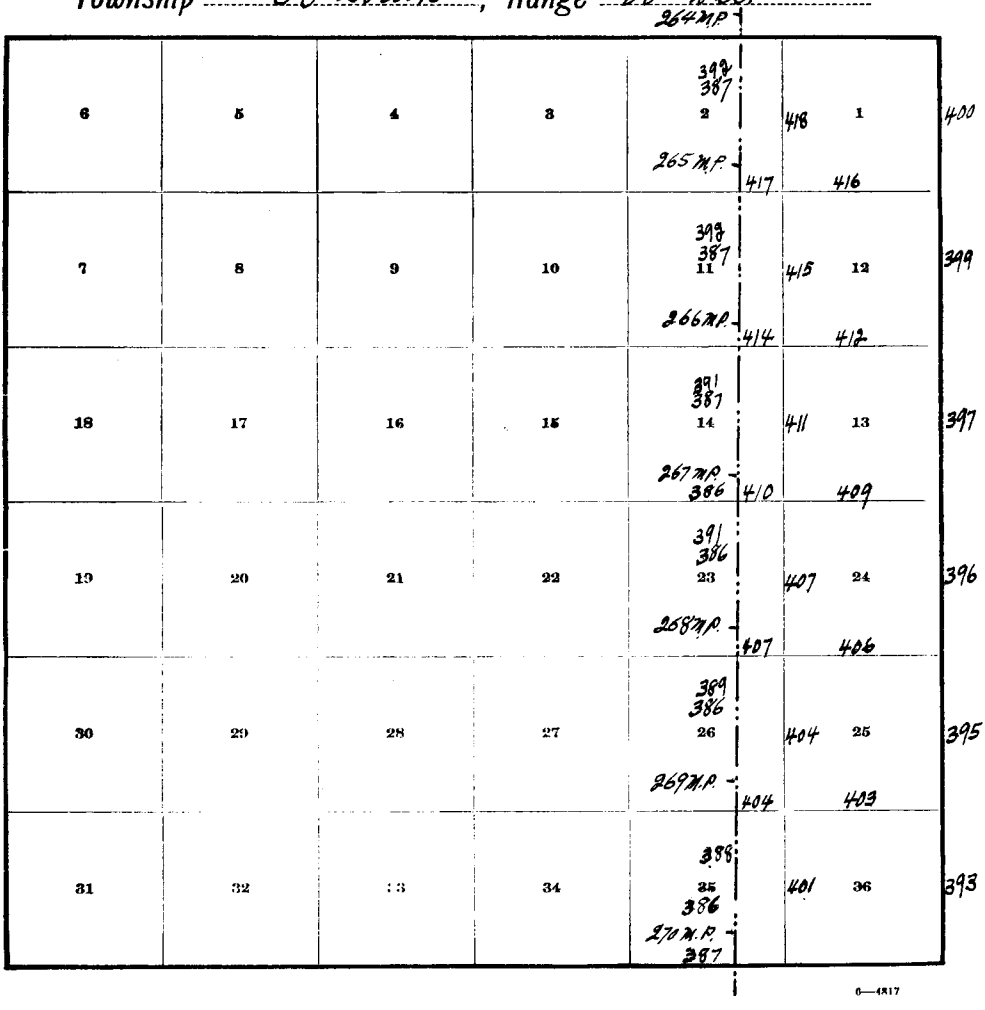
Township 38 South, Range 20 West



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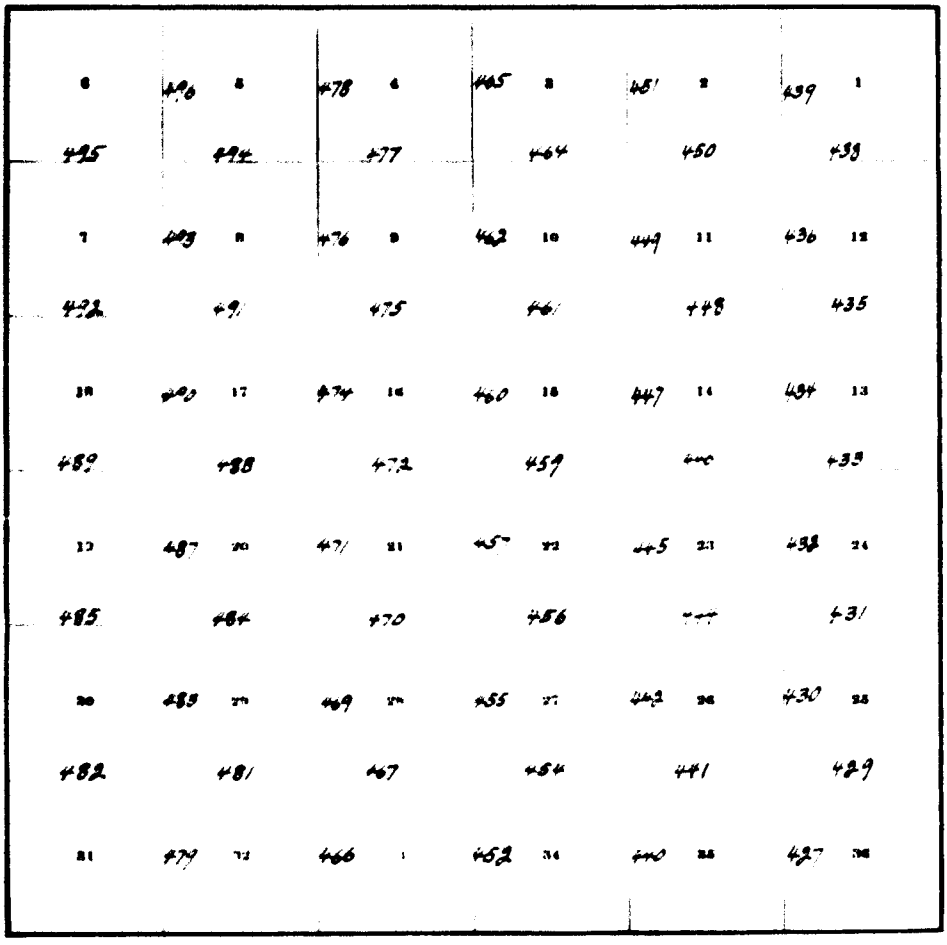
Township 38 South, Range 19 West



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BOOK A-509

RECEIVED
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Public Survey Office
Salt Lake City, Utah

FIELD NOTES

OF THE ~~SURVEY OF THE~~

DEPENDENT RESURVEY OF PORTION OF THE NORTH AND WEST BOUNDARIES AND SUBDIVISION, AND SURVEY OF A PORTION OF THE SUBDIVISION,

T. 40 S., R. 6 W.

Of the Salt Lake Base and *Meridian,*

In the State of Utah

EXECUTED BY

Howard W. Miller, U.S. Cadastral Engineer

and

Elliot Bird, U.S. Surveyor

~~*In the capacity of U.S. Surveyor*~~, *under instructions dated* June 28, *19* 27, District Cadastral Engineer *issued by the United States* ~~*Surveyor General*~~ *to govern surveys included in Group No.* 180, *which were approved by the Commissioner of the General Land Office,* August 27, *19*27. Assignment instructions dated July 26, 1927, and supplemental assignment instructions dated July 15, 1930 and September 2, 1930.

Survey commenced August 18, *19*27.

Survey completed November 1, *19*30.

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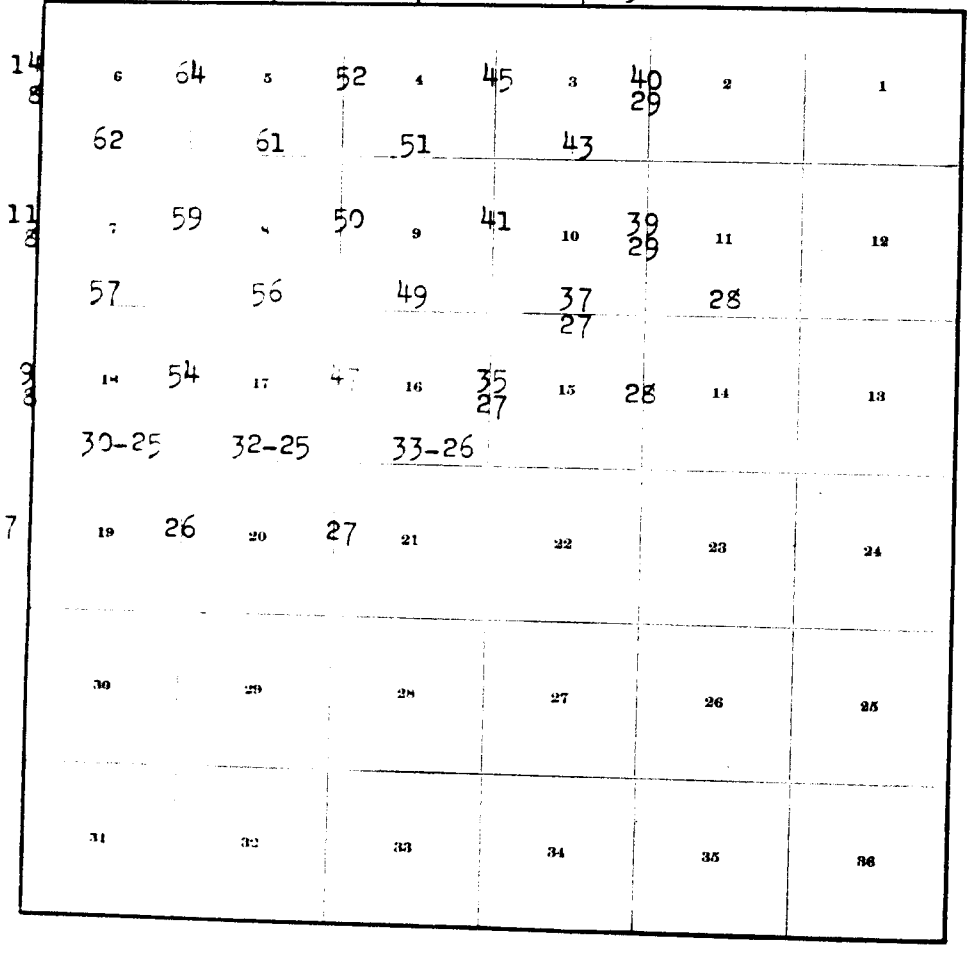
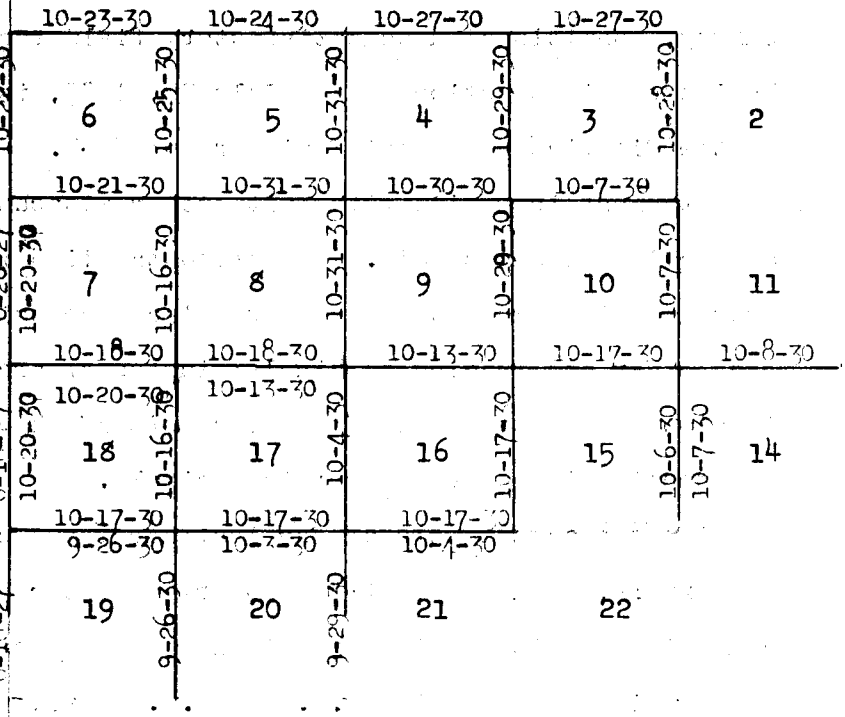
Township 40 South , Range 6 West

15-18 17-20 17-22 17-23



T. 40 S., R. 6 W.

DATE DIAGRAM



All lines colored red were surveyed by Howard W. Miller, U.S. Cadastral Engineer.

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

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T. 40 S., R. 6 W.

Survey commenced August 18, 1927, by Elliot Bird, U.S. Surveyor, and a portion of the west boundary was resurveyed in the conjunction with the survey of T. 40 S., R. 7 W. During this year, the surveys were executed with Buff and Buff light mountain transit No. 18003. The instrument was approved for use on this survey, conditional upon satisfactory field tests, in assignment instructions dated July 26, 1927, issued by the District Cadastral Engineer for Utah.

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

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

August 3, 1927; stationed at the ¼ sec. cor. secs. 23 and 24, T. 40 S., R. 7 W., Salt Lake Base and Meridian, Utah; in approximate latitude 37°19' N., longitude 112°34' W., at 10h 52m p.m. local mean time, I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a stake, driven firmly in the ground, about 10 chains to the N. of my station.

Azimuth of Polaris at eastern elongation 1°22'

I lay off the azimuth of Polaris, 1°22' to the W., and mark the meridian thus determined by a tack in a stake driven firmly in the ground, about 10 chains N.

August, 4, 1927; at 9h 30m a.m. apparent time, I set off 17°24' N., on the declination arc; 37°19' N., on

the latitude arc, and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, I 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 telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude	70° 03'
Reduced latitude	37° 19' N.
Watch time of observation	12h 06m 04s
Watch fast of local mean time	0h 00m 02s

At apparent noon with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 17°22' N., which a grees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the latitude arc unchanged, I set off 17°20' 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, agree with the true meridian, I conclude that the instrument is in good adjustment.

The instrument was kept in good adjustment throughout the progress of the survey.

Field work was discontinued on T. 40 S., R. 6 W., on August 27, 1927, and recommenced by Howard W. Miller, U.S. Cadastral Engineer on September 26, 1930.

Young and Sons's Transit No. 8396 was assigned to Mr. Miller on this survey, conditional upon satisfactory field tests, in supplemental assignment instructions dated September 2, 1930, issued by the District Cadastral Engineer for Utah.

The instrument is equipt with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to

each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

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

September 25, 1930; stationed near the ¼ sec. cor. secs. 23 abd 24, T. 40 S., R. 7 W., Salt Lake Base and Meridian, Utah, in latitude 37°19' N., approximate longitude 112°34' W.; at 8h 48' a.m. by my watch which is 30m 16s fast of local mean time, I make an hour angl observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal from tree about 20 chs. N., in the direction deflection angle/W. NW. to star.

Local mean time of observation 8h 17m 44s a.m.

Mean horizontal angle Polaris to tree 12°12' E. NE.

Azimuth of Polaris 1°18' W.

True bearing of tree N. 10°53' E.

At 8h 30m a.m. apparent time, and at the same station, I set off 37°19' N., on the latitude arc; 0°43' S., on the declination arc; and determine a meridian with the solar, and note that the tree bears N. 10° 54' E.

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 0°47' S., which agrees with the computed declination of the sun.

With the telescope in the meridian and elevated to the sun's altitude, I observe the sun's transit for time, noting watch time of transit of each limb.

T. 40 S., R. 10 E.

Chains

Mean watch time of apparent noon 12h 22m 09s
Watch fast of local mean time 0h 30m 16s

At 3h 30m p.m. apparent time, with the latitude arc unchanged, I set off 0°50' S., on the declination arc, and determine a meridian with the solar and note that the tree bears N. 10°54' E.

As all the solar observations made during the usual hours of solar work, agree with the true meridian, I conclude that the instrument is in satisfactory adjustment.

The instrument was kept in good adjustment throughout the progress of the survey, frequent tests being made on nearly every mile of the survey by hour angle observations made on Polaris.

Work was discontinued on this township by Howard W. Miller U.S. Cadastral Engineer, on October 16, 1930, and the survey of the township was completed by Elliot Bird, U.S. Surveyor, between the dates of October 16, 1930, and Nov. 2, 1930. The same instrument used by Mr. Miller, was assigned for the completion of the survey of this township, by the District Cadastral Engineer for Utah, in supplemental assignment instructions dated July 15, 1930. The instrument was in good adjustment when the completion of the survey of the township was commenced, and was tested on every mile of survey, upon meridians determined by hour angle observations made on Polaris.

Near the completion of the survey of the township, a final test of the instrument was made as follows.

Nov. 2, 1930; with the instrument in the meridian established by observations made on Polaris Sept. 25, 1930, and heretofore described, at 9h 30m a.m. apparent time, I set off 37°19' N., on the latitude arc; 14°38' S., on the declination arc; and determine a meridian with the solar, and note that the tree bears N. 10°54'E.

At apparent noon, with the latitude arc unchanged, I

observe the sun on the meridian; the resulting reading of the declination arc is 14°41' S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the latitude arc unchanged, I set off 14°43' S., on the declination arc, and determine a meridian with the solar, and note that the tree bears N. 10°54' E.

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

MEASUREMENTS.

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

METHOD AND ORDER OF PROCEDURE.

The survey of T. 40 S., R. 6 W., consists of the survey of secs. 3 to 10 inclusive and secs. 16 to 18 inclusive.

A dependent resurvey was made of the N. 3¼ miles of the W. boundary, and of the W. 4 miles of the N. boundary.

A dependent resurvey was made of the subdivisional lines which form the boundary of the unsurveyed portion of the township.

The original cors. found, were reconstructed and the missing cors. were restored, in accordance with secs. 370 to 376 of the Manual of Instructions for the Survey of the Public Lands of the United States.

METHOD AND ORDER OF PROCEDURE.

Chains

The township was subdivided from the south to the north, and from the east to the west, and the fractional distances were placed against the west and north boundaries of the township.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 40 S., R. 6 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY A.J. STEWART, U.S. DEPUTY SURVEYOR, IN 1883.

Random lines.

From the original cor. secs. 19, 24, 25, and 30, on the W. bdy. of the township, which is a sandstone, 14 x 12 x 4 ins., loosely set at the NE. cor. of a barbed wire fence, plainly marked 4 notches on N. edge and 2 notches on S. edge and unwitnessed. I set cor. 10 ins. in the ground, with the 4 notches facing the N. edge, and deposit a sandstone, 8 x 8 x 6 ins., at base of cor., marked with a cross (X).

Thence:

North, bet. secs. 19 and 24.

40.58 Fall 53 lks. E. of the original ¼ sec. cor. secs. 19 and 24, which is a sandstone, 10 x 10x 6 ins., above ground, firmly set, plainly marked ¼ on W. face, and unwitnessed. I deposit a sandstone, 8 x 6 x 6 ins., at base of cor., marked with a cross (X).

The course of this half mile therefore is, N. 0°45' W., and the distance is 40.58 chs.

Offset to the ¼ sec. cor. and continue North with new measurement.

45.02 Fall 73 lks. E. of the original cor. secs. 13, 18, 19, and 24, hereinafter described.

The course of this half mile therefore is, N. 0°55' W., and the distance is 45.03 chs.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 40 S., R. 6 W.

Chains	
	From the original cor. secs. 13, 18, 19, and 24.
	North, bet. secs. 13 and 18.
40.00	Find no trace of the original ¼ sec. cor. secs. 13 and 18. Continue North on same line with continuous measurement.
80.00	Find no trace of the original cor. secs. 7, 12, 13 and 18. Continue on same line with continuous measurement.
119.91	Fall 72 lks. W. of the original ¼ sec. cor. secs. 7 and 12, hereinafter described.
	The course of the line from the cor. secs. 13, 18, 19, and 24, to the ¼ sec. cor. secs. 7 and 12, therefore is, N. 0°21' E., and the proportionate distance for each half mile is 39.97 chs.

	From the original ¼ sec. cor. secs. 7 and 12.
	North, bet. secs. 7 and 12.
34.72	Intersect cor. set by R.E.L. Collier, U.S. Deputy Surveyor in 1895, while surveying line bet. secs. 1 and 12, T. 40 S., R. 7 W., hereinafter described.
	Continue on same line with continuous measurement.
39.54	Intersect the original cor. of secs. 1, 6, 7, and 12, hereinafter described.
	The course of this half mile therefore is North, and the distance is 39.54 chs.

	From the original cor. secs. 1, 6, 7, and 12.
	North, bet. secs. 1 and 6.
37.58	Fall 27 lks. E. of the original ¼ sec. cor. secs. 1 and 6, hereinafter described.
	The course of this half mile therefore is, N. 0°25' W., and the distance is 37.58 chs.
	Offset to cor. and continue North with new measurement.
39.50	Fall 69 lks. W. of the original cor. Ts. 39 and 40 S., Rs. 6 and 7 W., hereinafter described.

Chains

The course of this half mile therefore is N. 1°00' E., and the distance is 39.51 chs.

True Lines

From the original cor. secs. 13, 18, 19, and 24, which is a sandstone, 16 x 12 x 3 ins., loosely set, plainly marked 3 notches on N. edge and 3 notches on S. edge,

From which:

A pinon, 12 ins. diam., bears N. 60° E., 41 lks. dist., plainly marked T40S R6W, S18 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, with brass cap marked

T40S	
R7W S13	R6W S18
S24	S19

1930

I take additional bearing trees to the cor. as follows.

A pinon, 12 ins. diam., bears S. 72°15' E., 81 lks. dist., marked T40S R6W S19 BT.

A pinon, 6 ins. diam., bears S. 40°45' W., 46 lks. dist., marked T40S R7W S24 BT.

A pinon, 18 ins. diam., bears N. 35° W., 160 lks. dist., marked T40S R7W S13 BT.

Thence:

N. 0°21' E., bet. secs. 13 and 18.

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

1.00 Small gulch, 20 ft. deep, drains NW.; thence descend gradually over broken NW. slope.

18.00 Road, bears E. and W.

21.20 Spur, 50 ft. high, projects W.

34.00 Gulch, 200 ft. below sec. cor., drains NW.; ascend

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DEPENDENT RESURVEY OF WEST BOUNDARY, T. 40 S., R. 6 W.

Chains	
	gradual SW. slope of spur.
34.81	Southing of 40.00 chs. from the closing cor. secs. 7 and 18; on gradual SW. slope, 20 ft. above gulch. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and 6 ins. in a mound of stone, for ¼ sec. cor. sec. 18 only, with brass cap marked ¼ S18 1930 From which: A juniper, 10 ins. diam., bears N. 3°30' E., 25 lks. dist., marked ¼ S18 BT. A pinon, 12 ins. diam., bears S. 56° E., 97 lks. dist., marked ¼ S18 BT.
35.70	The W. point of spur, 10 ft. above the ¼ sec. cor.; descend gradual NW. slope.
39.20	Wash, 30 lks. wide, 18 ft. deep, in draw, 30 ft. below point of spur, drains S. 30° W. from the N.; thence along bottom of wash.
39.97	Proportionate point for the ¼ sec. cor. sec. 13, falls in bottom of wash where it is impracticable to set a permanent cor.
41.00	Leave bottom of wash, drains S. from N. 30° E.
41.48	On NW. bank of wash. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the ¼ sec. cor. sec. 13 only, with brass cap marked ¼ S13 WC 1927 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No suitable bearing trees available.
	Continue on same line with continuous measurement.
42.12	Three strand barbed wire fence, bears NE. and SW.
44.40	Road, bears NE. and SW.
49.70	Enter cultivated land, bears NW. and SE.

Chains	
53.70	Leave cultivated land, bears NE. and S. 30° W.; thence ascend abruptly over broken SE. slope.
62.50	Ridge, 210 ft. above wash, bears NE. and SW.; descend gradually over broken NW. slope.
71.00	Six strand barbed wire fence, bears E. and W.
74.81	Point for the closing cor. secs. 7 and 18, T. 40 S., R. 6 W., hereinafter described.
76.60	Leave timber and undergrowth and enter cultivated land, bears NE. and SW.
79.94	Proportionate point; in cultivated land, 100 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for restored cor. secs. 12 and 13, T.40S., R. 7 W., with brass cap marked

T40S | T40S
S12 |
R6W
S13 |
R7W | S7

1927

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, broken and mountainous and of a sandstone formation, with a general westerly exposure and drainage.
Soil, shallow sand, clay, and rock; 3rd rate.
Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
Timber, dense juniper and pinon.
Fair grazing land.

N. 0°21' E., along the W. bdy. sec. 7.
Over cultivated land.

3.40	Wash, 35 lks. wide, 20 ft. deep, drains S. 30° W.; leave cultivated land, bears N. 30° E. and S. 30° W. Thence ascend over broken E. slope of spur through dense timber and undergrowth.
25.00	Top of ascent on E. slope, 250 ft. above cor., bears E. and W.; descend gradually along broken NE. slope.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 40 S., R. 6 W.

Chains	
33.50	Gulch, 80 ft. below top of ascent, drains S. 60° E., 4 chains to junction with large wash which drains S. from NE.; ascend abruptly over broken S. slope.
34.74	On broken S. slope, 30 ft. above gulch; point midway between the closing cor. secs. 6 and 7 and the closing cor. secs. 7 and 18.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for ¼ sec. cor. sec. 7 only, with brass cap marked ¼ S7 | 1930
	From which:
	A juniper, 10 ins. diam., bears N. 14° E., 78 lks. dist., marked ¼ S7 BT.
	A juniper, 8 ins. diam., bears S. 42°30' E., 68 lks. dist., marked ¼ S7 BT.
	Continue abrupt ascent over broken S. slope.
39.97	On abrupt S. slope, 100 ft. above the ¼ sec. cor. sec. 7; the original ¼ sec. cor. secs. 7 and 12, which is a sandstone, 12 x 10 x 10 ins., loosely set in small mound of stone, and dimly marked ¼ on W. face, from which, a pinon, 8 ins. diam., bears N. 5° E., 225 lks. dist., plainly marked ¼ S BT.
	As this cor. now refers to sec. 12 only, I efface the markings on the bearing tree and alongside the original cor.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for ¼ sec. cor. sec. 12 only, with brass cap marked ¼ S12 | 1927
	From which:
	A juniper, 6 ins. diam., bears N. 5° W., 13 lks. dist., marked ¼ S12 BT.

Chains	
	No other suitable bearing tree available.
	Thence:
	North, with continuous measurement. Continue abrupt ascent over broken S. slope.
73.69	Intersect a sandstone, 15 x 8 x 4 ins., firmly set in a mound of stone, plainly marked 5 notches on S. edge and 1 notch on N. edge, from which; a juniper, 16 ins. diam., bears S. 48° W., 9 lks. dist., plainly marked T40S R7W S12 BT.
	A juniper, 12 ins. diam., bears N. 19° W., 26 lks. dist., plainly marked T40S R7W S1 BT.
	Cor set on top of high ridge, 800 ft. above the ¼ sec. cor. sec. 12, bears N. 35° E. and S. 35° W.
	As no evidence was found which shows that this cor. is the original cor. secs. 1, 6, 7, and 12, I change cor. to a witness point by marking the cor. monument WP on the E. face, and by adding the marks WP to those on the bearing trees. The markings on the W. bearing tree were also changed to read S12 instead of S1.
	Continue on same line with continuous measurement.
74.61	Point for the closing cor. secs. 6 and 7, T. 40 S., R. 6 W., hereinafter described.
79.61	On abrupt N. slope, 50 ft. below top of ridge; the original cor. secs. 1, 6, 7, and 12, which is a sandstone, 15 x 8 x 4 ins., firmly set in a mound of stone, plainly marked 5 notches on S. edge and 1 notch on N. edge.
	From which:
	A juniper, 8 ins. diam., bears S. 55° E., 14 lks. dist., plainly marked T40S R6W S7 BT.
	A pinon, 10 ins. diam., bears N. 72°30' W., 26 lks. dist., plainly marked T40S R7W S1 BT.
	As this cor. now refers to T. 40 S., R. 7 W. only, I efface the markings on the bearing tree in sec. 7, and alongside the original cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 40 S., R. 6 W.

Chains	
	the ground, for cor. secs. 1 and 12, T. 40 S., R. 7 W. only, with brass cap marked T40S | T40S S1 | R6W S12 | S6 R7W 1930
	I take an additional bearing tree to the cor. as follows: A juniper, 8 ins. diam., bears S. 65° W., 52 lks. dist., marked T40S R7W S12 BT.
	Land, broken and mountainous with a general northerly and southerly exposure and drainage. Sandstone formation.
	Soil, shallow loose sand and rock; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, rabbit, and bitter brush.
	Timber, dense juniper and pinon and scattered spruce.
	Fair grazing land.

	N. 0°25' W., along the E. bdy. of sec. 1.
	Descend abrupt N. slope of broken mountainous land through dense timber and undergrowth.
13.10	Draw, 200 ft. below cor., drains W.; ascend abrupt S. slope.
29.90	Ridge, 250 ft. above draw, bears N. 60° W. and S. 60° E.; timber becomes scattered, bears with ridge. Thence descend abrupt NE. slope.
35.10	On abrupt NE. slope, 130 ft. below ridge; northing of 40.00 chs. from the closing cor. secs. 6 and 7.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for ¼ sec. cor. sec. 6 only, with brass cap marked ¼ S6 1930
	Deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked with a cross (X).

Chains

No suitable bearing trees available.

37.58 The original ¼ sec. cor. secs. 1 and 6, which is a sandstone, 20 x 6 x 5 ins., loosely set in a small mound of stone, plainly marked ¼ on W. face. I reset the corner monument 15 ins. in the ground with the ¼ on W face and alongside same.

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

¼ S1

1930

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Thence:

N. 1°00' E., with continuous measurement.

Continue abrupt descent over NE. slope.

40.00 A 1 room frame cabin in bottom of draw, bears S. 88° E.

About 2 chains to the SW. of cabin, is a small seep of good water. Water and cabin is claimed by Wm. Edgar Cox, of Glendale, Utah.

57.00 Large draw, 240 ft. below the ¼ sec. cor. sec. 1, drains N. 65° W. Enter dense timber, bears NW. and SE. Thence ascend abrupt SW. slope.

77.09 On abrupt SW. slope, 260 ft. above draw; the original cor. of Ts. 39 and 40 S., Rs. 6 and 7 W., which is a sandstone, 16 x 10 x 6 ins., loosely set in a mound of stone, plainly marked 6 notches on all 4 edges and witnessed as follows.

From which:

A juniper, 16 ins. diam., bears S. 46° E., 65 lks. dist., upon which I find a blaze and dim scrib marks.

A pinon, 8 ins. diam., bears S. 23° W., 37 lks. dist., upon which I find a blaze and dim scribe marks.

DEPENDENT RESURVEY OF WEST BOUNDARY, T. 40 S., R. 6 W.

Chains

I reset the cor. monument 12 ins. in the ground and alongside same.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with brass cap marked

T39S
R7W | R6W
S36 | S31
S1 | S6
T40S

1930

I take additional bearing trees to the cor. as follows.

A juniper, 16 ins. diam., bears N. 45° E., 70 lks. dist., marked T39S R6W S31 BT.

A pinon, 6 ins. diam., bears S. 7° E., 42 lks. dist., marked T40S R6W S6 BT.

A juniper, 10 ins. diam., bears S. 41°30' W., 32 lks. dist., marked T40S R7W S1 BT.

A juniper, 8 ins. diam., bears N. 53° W., 63 lks. dist., marked T39S R7W S36 BT.

Land, broken and mountainous and of a sandstone and volcanic formation, with a general westerly exposure and drainage.

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

Undergrowth, dense sage, oak, service berry, mountain rush, buck, and bitter brush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY OF NORTH BOUNDARY, T. 40 S., R. 6 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY A.J. STEWART, JR., U.S. DEPUTY SURVEYOR IN 1883

Random Lines.

From the reconstructed cor. Ts. 39 and 40 S., Rs. 6 and 7 W., heretofore described.

East, bet. secs. 6 and 31.

Chains

39.73 Fall 58 lks. N. of the original ¼ sec. cor. secs. 6 and 31, hereinafter described.

The course of this half mile therefore is, S. 89°10' E., and the distance is 39.73 chs.

From the ¼ sec. cor., East, with continuous measurement.

78.85 Fall 19 lks. N. of the original cor. secs. 5, 6, 31, and 32, hereinafter described.

The course of this half mile therefore is S. 89°43' E., and the distance is 39.12 chs.

East, bet. secs. 5 and 32.

40.00 Fall 22 lks. N. of the original ¼ sec. cor. secs. 5 and 32, hereinafter described.

The course of this half mile therefore is, S. 89°41' E., and the distance is 40.00 chs.

From the ¼ sec. cor., East, with continuous measurement.

79.78 Fall 31 lks. N. of the original cor. secs. 4, 5, 32, and 33, hereinafter described.

The course of this half mile therefore is, S. 89°33' E., and the distance is 39.78 chs.

East, bet. secs. 4 and 33.

39.92 Fall 7 lks. N. of the original ¼ sec. cor. secs. 4 and 33, hereinafter described.

The course of this half mile therefore is, S. 89°54' E., and the distance is 39.92 chs.

From the ¼ sec. cor., East, with continuous measurement.

79.76 Fall 33 lks. N. of the original cor. secs. 3, 4, 33, and 34, hereinafter described.

The course of this half mile therefore is, S. 89°32' E., and the distance is 39.84 chs.

East, bet. secs. 3 and 34.

Chains	
40.05	Intersect the original ¼ sec. cor. secs. 3 and 34, hereinafter described.
	The course of this half mile therefore is East, and the distance is 40.05 chs.
	Continue on same line with continuous measurement.
78.92	Fall 204 lks. N. of the original cor. secs. 2, 3, 34, and 35, hereinafter described.
	The course of this half mile therefore is, S. 87°00' E., and the distance is 38.92 chs.

True Lines

From the cor. Ts. 39 and 40 S., Rs. 6 and 7 W., heretofore described.

S. 89°10' E., bet. secs. 6 and 31.

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

5.80 Ridge, 90 ft. above cor., bears N. 60° W. and E.; thence along top of ridge.

16.00 Leave top of ridge, 170 ft. above cor., bears W. and S. 70° E. Timber becomes scattered, bears with ridge. Thence descend gradually along abrupt N. slope of ridge.

26.00 Small spur, projects NE.; descend gradually along broken NE. slope.

38.85 On gradual NE. slope, westing of 40.00 chs. from the cor. secs. 5, 6, 31, and 32.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 6 only, with brass cap marked

¼ S6

1930

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

No suitable bearing trees available.

Chains

39.73 The original ¼ sec. cor. secs. 6 and 31, which is a sandstone, 18 x 10 x 6 ins. above ground, firmly set, plainly marked ¼ on N. face and unwitnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 31 only, with brass cap, marked

¼ S31

1930

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

Thence:

S. 89°43' E., with continuous measurement.

45.60 Draw, 60 ft. below the ¼ sec. cor. sec. 6, drains N. 20° W.; ascend gradual W. slope.

54.90 Spur, 100 ft. above draw, projects N. 20° W.; descend gradual NE. slope.

63.80 Draw, 20 ft. below spur, drains N. 80° W.; ascend abrupt W. slope.

78.85 The original cor. secs. 5, 6, 31, and 32, which is a sandstone, 20 x 10 x 2 ins., loosely set, plainly marked 1 notch on W. edge and 5 notches on E. edge;

From which:

A red cedar, 16 ins. diam., bears S. 14° W., 80 lks. dist., dimly marked T40S R6W S6 BT. I reblaze tree and mark same T40S R6W S6 BT.

A fir, 20 ins. diam., bears S. 28° E., 220 lks. dist., dimly marked T40S R6W S5 BT. I reblaze tree and mark same T40S R6W S5 BT.

Reset cor. 15 ins. in the ground and alongside same.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked

T39S | R6W	
S31	S32
S6	S5

T40S

1930

DEPENDENT RESURVEY OF NORTH BOUNDARY, T. 40 S., R. 6 W.

Chains	
	No suitable bearing trees in secs. 31 and 32 available.
	Land, broken and mountainous with a general westerly exposure and drainage..
	Soil, shallow gravelly clay and rock; 3rd rate.
	Undergrowth, dense mountain rush, sage, oak, bitter, service berry, and buck brush.
	Timber, scattered and dense juniper, pinon, red cedar, fir, and yellow pine.
	Fair grazing land.

	S. 89°41' E., bet. secs. 5 and 32.
	Ascend abrupt W. slope of broken mountainous land through dense undergrowth and scattered timber.
5.50	Ridge, bears N. 30° W., and S. 30° E. about 7 chains to main ridge which bears E. and W.; thence ascend gradually over W. slope.
15.00	Top of high ridge, 310 ft. above cor., bears N. and S.; descend abrupt E. slope.
24.60	Draw, 180 ft. below ridge, drains N.; ascend abrupt W. slope.
28.10	Spur, 80 ft. above draw, projects N. 20° W.; thence descend gradually along broken N. slope of main ridge to the S.
40.00	On top of spur, 30 ft. below last spur, projects N. 20° W.; the original ¼ sec. cor. secs. 5 and 32, which is a sandstone, 16 x 12 x 10 ins., loosely set in a mound of stone and plainly marked ¼ on N. face.
	I reset cor. 12 ins. in the ground with the ¼ on N. face and alongside same.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked
	¼ 832 / S5 / 1930

Chains	
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	No suitable bearing trees available.
	Thence:
	S. 89°33' E., with continuous measurement.
	Descend gradually over NE. slope.
52.50	Draw, 100 ft. below the ¼ sec. cor., drains NW.; ascend abruptly over broken W. slope.
54.00	The center of a small brush corral, bears South, 10.00 chs. dist.
67.50	Top of abrupt ascent, bears N. and S.; thence ascend gradual NW. slope.
79.78	On gradual NW. slope, 280 ft. above draw; the original cor. secs. 4, 5, 32, and 33, which is a sandstone, 24 x 14 x 2 ins., loosely set in mound of stone, plainly marked 4 notches on E. edge and 2 notches on W. edge.
	I reset cor. 18 ins. in the ground, with the 4 notches on the E. edge and the 2 notches on W. edge, and alongside same.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked

T39S | R6W
S32 | S33
S5 | S4
T40S

1930

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

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

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

Undergrowth, dense sage, oak, bitter, service berry, and buck brush.

Timber, scattered juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY OF NORTH BOUNDARY, T. [illegible] 6 W.

Chains	
	S. 89°54' E., bet. secs. 4 and 33.
	Ascend gradually over broken NW. slope of mountainous land through dense undergrowth and scattered timber.
6.97	Fall 4 lks. N. of a dead pinon, 18 ins. diam., which has 2 notches on E. and W. faces.
7.00	Top of main ridge, 40 ft. above cor., bears NE. and SW.; descend gradually along broken S. slope of ridge.
26.70	Draw, near head, 150 ft. below ridge, drains S.; ascend gradual SW. slope.
35.00	Spur, 30 ft. above draw, projects S.; descend gradual SE. slope.
38.00	Recross top of main ridge, 20 ft. below spur, bears SE. and NW.; descend gradual NE. slope of ridge.
39.92	On gradual NE. slope, 20 ft. below ridge; the original ¼ sec. cor. secs. 4 and 33, which is a sandstone, 10 x 8 x 6 ins. above ground, firmly set and plainly marked ¼ on N. face. Cor. is not witnessed.
	Alongside the original cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap marked
	¼ S33 / S4 / 1930
	From which:
	A pinon, 6 ins. diam., bears S. 60° W., 107 lks. dist., marked ¼ S4 BT.
	No other suitable bearing tree available.
	Thence:
	S. 89°32' E., with continuous measurement.
56.80	Wagon road, bears N. 30° W. and S. 30° E. Thence descend gradually along SE. slope.
79.76	The original cor. secs. 3, 4, 33, and 34, which is a sandstone, 14 x 12 x 10 ins. above ground, firmly set, plainly marked 3 notches on E. and W. edges. Cor. is not witnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone, with brass cap marked

T39S | R6W	
S33	S34
S4	S3

T40S

1930

From which:

A scrub juniper, 5 ins. diam., bears N. 50° W., 55 lks. dist., marked BT.

A pinon, 6 ins. diam., bears S. 45° W., 135 lks. dist., marked T40S R6W S4 BT.

No other suitable bearing trees available.

Cor. is on gradual SE. slope, 160 ft. below the ¼ sec. cor.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, scattered juniper and pinon.

Fair grazing land.

East, bet. secs. 3 and 34.

Descend gradual SE. slope of broken mountainous land through dense undergrowth and scattered timber.

39.70 Draw, 250 ft. below cor., drains NE.; ascend gradual NW. slope.

40.05 On gradual NW. slope, 10 ft. above draw; the original ¼ sec. cor. secs. 3 and 34, which is a sandstone, 16 x 12 x 8 ins., loosely set, plainly marked ¼ on N. face.

From which:

[illegible]

Chains

A dead juniper, 10 ins. diam., bears N. [illegible] W., 66 lks. dist., dimly marked ¼ S BT.

A juniper, 18 ins. diam., bears S. 42° W., 193 lks. dist., dimly marked ¼ S BT. I reblaze tree and mark same ¼ S3 BT.

I reset the cor. monument 12 ins. in the ground with the ¼ on the N. face, and alongside same.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, with brass cap marked

$$\frac{\text{¼ S34}}{\text{S3}}$$

1930

I take an additional bearing tree in sec. 34 as follows.

A juniper, 10 ins. diam., bears N. 50° W., 62 lks. dist., marked ¼ S34 BT.

Thence:

S. 87°00' E., with continuous measurement.

Continue gradual ascent over broken NW. slope.

51.60 Spur, 30 ft. above the ¼ sec. cor., projects N.; descend gradual E. slope.

54.00 Descent becomes abrupt, bears N. and S.

68.00 Draw, 340 ft. below spur, drains SE.; ascend gradually along broken SW. slope.

78.97 On gradual SW. slope, 80 ft. above draw; the original cor. secs. 2, 3, 34, and 35, which is a sandstone, 16 x 14 x 6 ins., lying on the ground, plainly marked 2 notches on 1 edge and 4 notches on opposite edge:

From which:

A juniper, 20 ins. diam., bears S. 26° E., 83 lks. dist., plainly marked T40S R6W S2 BT.

I reset the cor. monument 12 ins. in the ground, with the 2 notches on the E. edge and the 4 notches on W. edge, and alongside same:

DEPENDENT RESURVEY OF NORTH BOUNDARY, T. 40 S., R. 6 W.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked

T39S | R6W
S34	S35
S3	S2
T40S

1930

I take additional bearing trees to cor. as follows.

A pinon, 10 ins. diam., bears N. 1°30' E., 20 lks. dist., marked T39S R6W S35 BT.

A pinon, 8 ins. diam., bears S. 33° W., 81 lks. dist., marked T40S R6W S3 BT.

A juniper, 10 ins. diam., bears N. 48° W., 66 lks. dist., marked T39S R6W S34 BT.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, scattered juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY BAILEY AND BURRILL, U.S. DEPUTY SURVEYORS IN 1876

Random Lines.

From the reconstructed cor. secs. 13, 18, 19, and 24, on the W. bdy. of the township, heretofore described.

East, bet. secs. 18 and 19.

40.00 Record distance; find no trace of the ¼ sec. cor.

80.00 Record distance; find no trace of the cor. secs. 17, 18, 19 and 20. Set temp. point.

East, bet. secs. 17 and 20.

40.03 Record distance; find no trace of the ¼ sec. cor.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains	
80.06	Record distance; find no trace of the cor. secs. 16, 17, 20, and 21. Set temp. point.
	East, bet. secs. 16 and 21.
40.05	Record distance; find no trace of the ¼ sec. cor.
79.47	Fall 6.14 chs. N. of the original cor. secs. 15, 16, 21, and 22, hereinafter described.
	From the cor. secs. 19, 20, 29, and 30, which is a sandstone, 10 x 9 x 4 ins. above ground, firmly set, plainly marked 5 notches on E. edge and 2 notches on S. edge. Cor. is not witnessed.
	I take a bearing tree to cor. as follows.
	A juniper, 8 ins. diam., bears S. 75° W., 88 lks. dist., marked T40S R6W S30 BT.
	No other bearing trees available.
	Thence:
	North, bet. secs. 19 and 20.
40.00	Record distance; find no trace of the ¼ sec. cor.
80.00	Record distance; find no trace of the cor. secs. 17, 18, 19, and 20.
85.58	Fall 1.00 chs. E. of the temp. point left at 80.00 chs. from the W.
	Therefore, at a point 5.58 chs. S. and 21 lks. W. of the temp. point left 80.00 chs. from the W., reestablish the cor. of secs. 17, 18, 19, and 20, hereinafter described.
	The course of the line bet. secs. 18 and 19, therefore is, S. 86°00' E., and the proportionate distance for each half mile is 39.99 chs.
	The course of the line bet. secs. 19 and 20, is N. 0°52' W., and the distance is 80.01 chs.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains	
	From the original ¼ sec. cor. secs. 20 and 21, which is a sandstone, 14 x 8 x 6 ins., lying on the ground at the intersection of the W. end of fence from the E., with a fence bearing N. and S. Cor. monument is plainly marked ¼ on one face and is not witnessed.
	I set the cor. monument 10 ins. in the ground with the ¼ facing the W.
	Thence:
	North, bet. secs. 20 and 21.
40.00	Record distance; find no trace of the original cor. secs. 16, 17, 20, and 21.
45.91	Fall 51 lks. E. of the temp. point left at 80.06 chs. from the W.
	Therefore at a point 5.91 chs. S. and 42 lks. W. of the temp. point left at 80.06 chs. from the W., reestablish the cor. secs. 16, 17, 20, and 21, hereinafter described.
	The course of the line bet. secs. 17 and 20, therefore is S. 89°46' E., and the proportionate distance for each half mile is 39.925 chs.
	The course of the N. half mile bet. secs. 20 and 21, is N. 1°20' W., and the distance is 40.01 chs.

	From the original cor. secs. 15, 16, 21, and 22.
	North, bet. secs. 15 and 16.
40.00	Record distance; find no trace of the original ¼ sec. cor.
79.02	Fall 21 lks. E. of the original cor. secs. 9, 10, 15, and 16, hereinafter described.
	The course of this mile therefore is, N. 0°09' W., and the proportionate distance for each half mile is 39.51 chs.

	From the original cor. secs. 9, 10, 15, and 16.
	East, bet. secs. 10 and 15.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains	
38.47	Fall 10 lks. N. of the original ¼ sec. cor. secs. 10 and 15, hereinafter described.
	The course of this half mile therefore is S. 89°51' E., and the distance is 38.47 chs.
	From the ¼ sec. cor., East, with new measurement.
40.05	Record distance; find no trace of the original cor. secs. 10, 11, 14, and 15. Set temp. point.
	Continue on same line with continuous measurement.
80.05	Record distance; find no trace of the original ¼ sec. cor. secs. 11 and 14.
	Continue on same line with continuous measurement.
120.05	Fall 125 lks. S. of the original cor. secs. 11, 12, 13, and 14, which is a trachyte, 20 x 20 x 10 ins., firmly set in mound of stone, plainly marked 4 notches on S. edge and 1 notch on E. edge. Corner witnessed by a small mound of stone to the W.

From the original cor. secs. 14, 15, 22, and 23, which is a volcanic stone, 12 x 14 x 8 ins., lying on the ground, plainly marked 3 notches on one edge and 2 notches on cornering edge. Corner not witnessed.

I set the corner monument 6 ins. in the ground to bedrock and 5 ins. in a mound of stone, with the 3 notches facing the S. and the 2 notches facing the E. Deposit a volcanic stone, 6 x 6 x 5 ins., at base of cor., marked with a cross (X). No bearing trees available.

Thence:

North, bet. secs. 14 and 15.

40.00	Record distance; find no trace of the ¼ sec. cor.
79.45	Fall 140 lks. E. of the 40.05 chs. point left on line from the W. bet. secs. 10 and 15.
80.00	Record course; find no trace of the original cor. secs. 10, 11, 14, and 15. Set temp. point

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Chains	
	From the 80.00 chs. point left on line from the S., bet. secs. 14 and 15.
	North, bet. secs. 10 and 11.
40.00	Record distance; find no trace of the original ¼ sec. cor.
	Continue on same line with continuous measurement.
78.90	Fall 81 lks. W. of the original cor. secs. 2, 3, 10, and 11, hereinafter described.
	Therefore, at a point 140 lks. W. and 55 lks. S. of the 80.00 chs. left from the S. bet. secs. 14 and 15, reestablish the cor. secs. 10, 11, 14, and 15, hereinafter described.
	The course of the E. half mile bet. secs. 10 and 15 therefore is, East, and the distance is 40.05 chs.
	The course of the line bet. secs. 14 and 15, is N. 1°01' W., and the distance is 79.46 chs.
	The course of the line bet. secs. 11 and 14, is S. 89°06' W., and the distance is 80.01 chs.
	The course of the line bet. secs. 10 and 11 is N. 1°36' E. and the proportionate distance for each half mile is 39.74 chs.

	From the original cor. secs. 2, 3, 10, and 11, hereinafter described.
	North, bet. secs. 2 and 3.
40.00	Record distance; find no trace of the original ¼ sec. cor.
79.85	Fall 125 lks. E. of the original cor. secs. 2, 3, 34, and 35, on the N. bdy. of the township, heretofore described.
	The course of this mile therefore is N. 0°54' W., and the proportionate distance for each half mile is 39.93 chs.

Chains	
	True Lines.
	From the reconstructed original cor. secs. 13, 18, 19, and 24, on the W. bdy. of the township, heretofore described.
	S. 86° 00' E., bet. secs. 18 and 19.
	Descend gradually over broken NE. slope of mountainous land through dense timber and undergrowth.
0.90	Draw, 20 ft. below cor., drains NW.; ascend abruptly over broken W. slope.
11.40	Spur, 160 ft. above draw, projects NW.; thence ascend gradually over NW. slope.
15.80	Ridge, 30 ft. above spur, bears N. and S.; descend abrupt E. slope.
22.80	Wash, 80 lks. wide, 20 ft. deep, in draw, 140 ft. below ridge, drains N.; ascend abrupt W. slope.
26.70	Spur, 100 ft. above draw, projects N.; descend abrupt E. slope.
30.00	Draw, 80 ft. below spur, drains N.; ascend abrupt W. slope.
32.00	Spur, 40 ft. above draw, projects N.; descend abrupt E. slope.
35.70	Draw, 50 ft. below spur, drains N.; ascend gradual W. slope.
37.30	Spur, 20 ft. above draw, projects N.; descend gradual E. slope.
39.99	Proportionate point, on W. edge of wash, 15 lks. wide; 5 ft. deep, in draw, 20 ft. below spur, drains N. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the reestablished ¼ sec. cor. secs. 18 and 19, with brass cap marked ¼ S18 / S19 1930 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Chains	
	No suitable bearing trees available.
	Continue on same line with continuous measurement.
41.20	Spur, 20 ft. above the ¼ sec. cor., projects N.; descend gradual E. slope.
51.10	Wash, 30 lks. wide, 20 ft. deep, in bottom of wide draw, 20 ft. below spur, drains N. 60° W.; ascend gradual SW. slope.
53.70	From this point, the SE. cor. of a frame house which is under construction, bears North, 3.65 chs. dist.
	House has only one room and is owned by Warren Olson, of Glendale, Utah.
57.20	Road, bears NE. and SW.
60.70	Wash, 10 lks. wide, 5 ft. deep, drains S. 60° W.
61.70	The NW. cor. of pole corral, bears North, 4.25 chs. dist.
63.00	Ascent becomes abrupt, bears NE. and SW.
66.00	Top of ascent on N. slope of spur, bears N. and S.; descend gradual NE. slope.
70.50	Draw, 40 ft. below top of ascent, drains N. 55° W.; ascend gradual SW. slope.
71.90	Old wagon road, bears NW. and SE.
79.98	On broken S. slope, 50 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the reestablished cor. secs. 17, 18, 19, and 20, with brass cap marked

T40S | R6W	
S18	S17
S19	S20

1930

From which:

A juniper, 6 ins. diam., bears N. 24°45' E., 126 lks. dist., marked T40S R6W S17 BT.

A juniper, 7 ins. diam., bears S. 33°45' E., 56 lks. dist., marked T40S R6W S20 BT.

A juniper, 8 ins. diam., bears S. 59° W., 194 lks. dist., marked T40S R6W S19 BT.

DEPENDENT RESURVEY OF SUBDIVISION, T. [illegible] R. [illegible] W.

Chains	
	A juniper, 8 ins. diam., bears N. 14° E., 162 lks. dist., marked T40S R6W S18 BT.
	Land, broken and mountainous with a general northerly exposure and drainage.
	Soil, gravelly clay and sand, mixed with loose rock; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
	Timber, dense scrub juniper and pinon.
	Good grazing land.

	S. 89°46' E., bet. secs. 17 and 20.
	Ascend gradually over broken W. slope of mountainous land through dense timber and undergrowth.
1.80	Spur, 40 ft. above cor., projects N.; descend abrupt E. slope.
5.40	Wash, 30 lks. wide, 10 ft. deep, in draw, 30 ft. below the spur, drains N. 60° W.; ascend gradually over broken S. slope.
21.30	Ascent becomes abrupt, bears N. and S.
27.50	Top of ascent on abrupt S. slope, of elongated knoll, 280 ft. above wash, bears N. and S.; descend gradually along abrupt S. slope.
37.10	Ridge, 40 ft. below top of ascent, bears NW. and SE.; descend gradually over rolling E. slope. Timber becomes scattered, bears N. and S.
39.925	Proportionate point; on gradual E. slope, 30 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the reestablished ¼ sec. cor. secs. 17 and 20, with brass cap marked
	¼ S17 / S20
	1930

Chains

Deposit a sandstone, 10 x 10 x 8 ins., at base of post. marked with a cross (X).
No other suitable accessories available.

Continue on same line with continuous measurement.

52.00 Bottom of swale, 60 ft. below the ¼ sec. cor., drains S. 20° E.; ascend gradually over rolling W. slope.

75.00 Spur, 70 ft. above swale, projects S.; descend gradual E. slope.

79.85 On gradual E. slope, 30 ft. below spur.

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

T40S S17	R6W S16
S20	S21

1930

Deposit a sandstone, 14 x 12 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, scattered and dense scrub juniper and pinon.

Fair grazing land.

S. 89°50' E., bet. secs. 16 and 21.

Descend gradual E. slope of rolling mountainous land through dense undergrowth and scattered timber.

1.50 Draw, 20 ft. below cor., drains S.; ascend gradual W. slope.

6.50 Spur, 50 ft. above draw, projects S. 20° W.; descend gradual E. slope.

10.00 Enter cultivated land in bottom of wide open draw, 50 ft. below spur; draw drains S. 30° W. and

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains

cultivated land bears N. 30° E. and S. 30° W.

16.20 Leave open draw and cultivated land, bears N. 20° E. and S. 20° W.; ascend gradual W. slope.

20.30 Spur, 60 ft. above draw, projects S. 30° W.; thence along broken S. slope.

30.70 Spur, 20 ft. above last, spur, projects S.; descend gradual SE. slope.

39.945 Proportionate point; on gradual SE. slope, 70 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the reestablished ¼ sec. cor. secs. 16 and 21, with brass cap marked.

$$\frac{\text{S16}}{\text{S21}}$$

1930

Deposit a sandstone, 14 x 12 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Continue on same line with continuous measurement.

40.80 Road, bears N. and S.

41.80 Draw, 20 ft. below the ¼ sec. cor., drains S. 15° W.; ascend gradual W. slope.

49.70 Spur, 80 ft. above draw, projects S.; timber becomes dense, bears , bears N. and S.; descend gradual E. slope.

65.50 Leave timber and enter cultivated land, bears N. and S.

69.70 Leave cultivated land, bears N. and S.; thence through dense undergrowth.

70.80 Wash, 160 ft. below spur, 50 lks. wide, 30 ft. deep, in draw, drains SE.; thence over bottom lands of draw.

77.20 Leave bottom of draw, bears NE. and SW.; thence ascend gradual W. slope.

79.89 On gradual W. slope, 50 ft. above draw; the original cor. secs. 15, 16, 21, and 22, which is a sandstone,

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains	
	8 x 6 x 6 ins. above ground, firmly set, dimly marked 3 notches on S. and E. edges. Cor. has no accessories.
	Alongside the original cor.
	Set an iron post, 3 ft. long; 2 ins. diam., 27 ins. in the ground, with brass cap marked
	T40S | R6W S16 | S15 S21 | S22 1930
	Deposit a sandstone, 12 x 7 x 3 ins., at base of post, marked with a cross (X).
	No other suitable accessories available.
	Land, rolling and mountainous with a general southeasterly exposure and drainage.
	Soil, shallow loose sand and clay, mixed with loose rock; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
	Timber, scattered scrub juniper and pinon on W. portion of mile.
	Fair grazing land.

	N. 0°09' W., bet. secs. 15 and 16.
	Ascend gradual SE. slope of broken mountainous land through dense timber and undergrowth.
1.40	Net wire fence, bears E. and W.
6.00	Spur, 30 ft. above cor., projects S. 60° W.; descend gradual NW. slope.
12.00	Bottom of wide draw, 20 ft. below spur, drains SW.; ascend gradual SE. slope.
15.80	Ascent becomes abrupt, bears E. and W.
19.20	Spur, 120 ft. above draw, projects W.; descend abrupt N. slope.
23.40	Draw, 80 ft. below spur, drains S. 70° W.; ascend gradual S. slope.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains	
28.50	Ascent becomes abrupt, bears E. and W.
36.20	Spur, 190 ft. above draw, projects S. 60° W.; descend gradually along broken W. slope.
39.51	On broken W. slope, 20 ft. below spur; proportionate distance:
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the reestablished ¼ sec., cor. secs. 15 and 16, with brass cap marked
	¼ S16 | S15 1930
	From which:
	A pinon, 12 ins. diam., bears N. 15° E., 62 lks. dist., marked ¼ S15 BT.
	A pinon, 8 ins. diam., bears N. 57° W., 143 lks. dist., marked ¼ S16 BT.
	Continue on same line with continuous measurement.
42.60	Draw, 20 ft. below the ¼ sec. cor., drains W.; ascend gradual S. slope.
45.30	Spur, 50 ft. above draw, projects S. 60° W.; descend gradually along broken W. slope.
79.02	On broken W. slope, 40 ft. below spur; the original cor. secs. 9, 10, 15, and 16, which is a sandstone, 8 x 8 x 6 ins. above ground, firmly set, dimly marked 4 notches on S. edge and 3 notches on E. edge. Cor. is not witnessed.
	Alongside the original cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. secs. 10 and 15 only, with brass cap marked
	T40S R6W S16 | S10 S15 1930
	From which:

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains

A pinon, 6 ins. diam., bears N. 28°30' E., 44 lks. dist., marked T40S R6W S10 BT.

A pinon, 6 ins. diam., bears S. 56° E., 28 lks. dist., marked T40S R6W S15 BT.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, dense juniper and pinon.

Fair grazing land.

S. 89°51' E., bet. secs. 10 and 15.

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

7.70 Enter rolling top of ridge, bears N. and S.

13.00 Leave top of ridge, bears N. and S., 160 ft. above cor.; descend abrupt E. slope.

21.00 Descent becomes gradual, bears N. and S.

38.47 On gradual E. slope, 220 ft. below ridge, the original ¼ sec. cor. secs. 10 and 15, which is a sandstone, 6 x 6 x 5 ins., above ground, firmly set, dimly marked ¼ on N. face. Cor. has no accessories.

Alongside the original cor.

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

$$\frac{\text{¼}}{\frac{\text{S10}}{\text{S15}}}$$

1930

From which:

A pinon, 10 ins. diam., bears N. 15° E., 163 lks. dist., marked ¼ S10 BT.

A pinon, 6 ins. diam., bears S. 37° W., 100 lks. dist., marked ¼ S15 BT.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains

Thence:

East, with continuous measurement. Continue gradual descent over E. slope.

45.30 Wash, 15 lks. wide, 4 ft. deep, drains S. 30° E.; continue gradual descent over NE. slope.

54.50 Wash, 80 lks. wide, 20 ft. deep, in draw, 50 ft. below the ¼ sec. cor., drains SE.; Leave timber, bears NW. and SE.; ascend gradual W. slope.

73.30 Enter dense timber, bears N. and S.

73.52 Proportionate distance; on gradual W. slope, 40 ft. above draw.

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

T40S R6W	
S10	S11
S15	S14

1930

From which:

A pinon, 8 ins. diam., bears N. 37° E., 74 lks. dist., marked T40S R6W S11 BT.

A pinon, 6 ins. diam., bears S. 68° W., 75 lks. dist., marked T40S R6W S15 BT.

A juniper, 8 ins. diam., bears N. 71° W., 117 lks. dist., marked T40S R6W S10 BT.

No suitable bearing tree in sec. 14 available.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, dense juniper and pinon on portions of mile.

Fair grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains	
	N. 1886 E., bet. secs. 10 and 11.
	Ascend gradually over broken SW. slope of mountainous land through dense timber and undergrowth.
12.00	Slope changes from the SW. to W.
35.50	Ridge, 160 ft. above cor., bears NW. and SE.; descend gradual E. slope of ridge.
39.74	Proportionate distance, on gradual E. slope, 20 ft. below top of ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for the reestablished ¼ sec. cor. secs. 10 and 11, with brass cap marked

¼

S10 | S11

1930

From which:

A pinon, 8 ins. diam., bears East, 38 lks. dist., marked ¼ S11 BT.

A pinon, 6 ins. diam., bears S. 40° W., 6 lks. dist., marked ¼ S10 BT.

Continue on same line with continuous measurement.

Continue gradual descent over broken E. slope of ridge.

75.50	Enter bottom lands of open draw, bears NW. and SE.
79.48	On bottom lands of open draw, 250 ft. below the ¼ sec. cor., the original cor. secs. 2, 3, 10, and 11, which is a sandstone, 18 x 12 x 10 ins. above ground, firmly set, plainly marked 5 grooves on S. face, and 2 grooves on E. face. Cor. is not witnessed.

Alongside the original cor.

Set an iron post, 3 ft. long, 2 ins., diam., 27 ins. in the ground, with brass cap marked

T40S | R6W

S3 | S2

S10 | S11

1930

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains

No suitable bearing trees or stone for a mound available.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, dense juniper and pinon.

Fair grazing land.

N. 0°54' W., bet. secs. 2 and 3.

Over rolling bottom lands of open draw.

1.90 Wash, 60 lks. wide, 30 ft. deep, in bottom of draw, 35 ft. below cor., drains S. 70° E.; ascend gradually over broken SE. slope through dense timber and undergrowth.

32.90 Spur, 320 ft. above draw, projects S. 30° W.; thence ascend gradually along broken SW. slope of spur.

39.93 On broken SW. slope, 20 ft. above spur; proportionate measurement :

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the reestablished ¼ sec. cor. secs. 2 and 3, with brass cap marked

¼

S3 | S2

1930

From which:

A juniper, 12 ins. diam., bears S. 75°30' E., 70 lks. dist., marked ¼ S2 BT.

A pinon, 8 ins. diam., bears S. 65° W., 67 lks. dist., marked ¼ S3 BT.

Continue on same line with continuous measurement.

42.40 Spur, 20 ft. above the ¼ sec. cor., projects SE.; descend gradual NE. slope.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 6 W.

Chains	
48.00	Begin abrupt descent over broken N. slope, bears N. 70° W. and S. 70° E.
71.00	Draw, 390 ft. below spur, drains E.; ascend gradual S. slope.
79.88	The reconstructed original cor. secs. 2, 3, 34, and 35, on the N. bdy. of the township, 120 ft. above draw, heretofore described.
	Land, broken and mountainous with a general southerly and northerly exposure and drainage.
	Soil, shallow gravelly clay and sand; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
	Timber, dense juniper and pinon.
	Fair grazing land.

SUBDIVISION OF, T. 40 S., R. 6 W.

From the cor. secs. 10 and 15, heretofore described.

North, along the W. bdy. of sec. 10.

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

0.98 Northing of 80.00 chs. from the cor. secs. 15, 16, 21, and 22.

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

T40S R6W
S9 | S10
S16 |
1930

From which:

A pinon, 16 ins. diam., bears S. 46°30' W., 94 lks. dist., marked T40S R6W S16 BT.

A juniper, 12 ins. diam., bears N. 24° W., 83 lks. dist., marked T40S R6W S9 BT.

SUBDIVISION OF, T. 40 S., R. 6 W., M.

Chains		Offset
	Thence bet. secs. 9 and 10.	80.34
10.80	Draw, 20 ft. below cor. secs. 10 and 15, drains SW.; ascend gradually over broken S. slope.	71.00
24.00	Spur, 170 ft. above draw, projects SW. from the N.; thence along rolling top of spur.	79.99
29.00	Rolling top of ridge, bears N. 30° W. and S. 30° E.; descend gradual NE. slope.	
39.76	On gradual NE. slope, 20 feet S. of and 20 ft. below ridge.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 10 only, with brass cap marked	
	¼ S10	
	1930	
	From which:	
	A juniper, 6 ins. diam., bears N. 31° E., 54 lks. dist., marked ¼ S10 BT.	
	A juniper, 10 ins. diam., bears S. 76°15' E., 45 lks. dist., marked ¼ S10 BT.	
40.98	Northing of 40.00 chs. from the cor. secs. 9 and 16.	
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 9 only, with brass cap marked	
	¼ S9	
	1930	
	From which:	
	A juniper, 6 ins. diam., bears S. 48°30' W., 173 lks. dist., marked ¼ S9 BT.	
	A juniper, 8 ins. diam., bears N. 52°30' W., 94 lks. dist., marked ¼ S9 BT.	
46.50	Draw, 30 ft. below ridge, drains E.; ascend gradual S. slope.	
59.00	Spur, 100 ft. above draw, projects S. 60° E.; descend gradual NE. slope.	

Chains	
.79.50	On gradual NE. slope, 50 ft. below spur, at the intersection with a line projected W. from the cor. secs. 2, 3, 10, and 11.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 3 and 10 only, with brass cap marked

T40S | R6W
S3
S9 | S10

1930

From which:

A juniper, 16 ins. diam., bears N. 19° E., 26 lks. dist., marked T40S R6W S3 BT.

A juniper, 16 ins. diam., bears S. 74° E., 45 lks. dist., marked T40S R6W S10 BT.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, dense juniper and pinon.

Fair grazing land.

From the reconstructed original cor. secs. 2, 3, 10, and 11, heretofore described.

West, on true line bet. secs. 3 and 10.

Over rolling bottom lands of draw.

1.80	Base of abrupt ascent over broken E. slope and enter dense timber and undergrowth, bears NW. and SE.
10.70	Spur, 100 ft. above cor., projects NE.; descend gradual NW. slope.
14.50	Draw, 30 ft. below spur, drains NE.; ascend abrupt E. slope.
30.40	Ascent becomes gradual, bears N. and S.

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
38.00	Ridge, 280 ft. above draw, bears N. 20° E. and S. 20° W. descend gradual W. slope.
40.00	On gradual W. slope, 10 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for ¼ sec. cor. sec. 10 only, with brass cap marked ¼ S10 1930 From which: A pinon, 6 ins. diam., bears S. 14°30' E., 116 lks. dist., marked ¼ S10 BT. A pinon, 6 ins. diam., bears S. 3°45' W., 71 lks. dist., marked ¼ S10 BT.
40.76	Easting of 40.00 chs. from the cor. secs. 3 and 10. Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in a the ground to bedrock and 8 ins. in a mound of stone, for ¼ sec. cor. sec. 3 only, with brass cap marked ¼ S3 1930 From which: A pinon, 7 ins. diam., bears N. 31°30' E., 52 lks. dist., marked ¼ S3 BT. A juniper, 18 ins. diam., bears N. 20° W., 317 lks. dist., marked ¼ S3 BT.
	Continue gradual descent over W. slope.
42.80	Draw, 20 ft. below ridge, drains S. 20° W.; ascend gradual E. slope.
45.80	Spur, 30 ft. above draw, projects S.; descend gradual W. slope.
48.50	Draw, 40 ft. below spur, drains SW.; ascend gradual SE. slope.
55.80	Spur, 90 ft. above draw, projects S.; descend gradual W. slope.

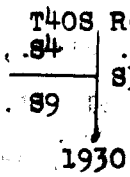
Chains	
60.80	Draw, 40 ft. below spur, drains SE.; ascend gradual E. slope.
80.76	The cor. secs. 3 and 10, 100 ft. above draw.
	Land, broken and mountainous with a general easterly and southerly exposure and drainage.
	Soil, shallow gravelly clay and sand; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
	Timber, dense juniper and pinon.
	Fair grazing land.

	North, on random line bet. secs. 3 and 4.
1.46	Set temp. sec. cor. for secs. 4 and 9.
40.00	Set temp. ¼ sec. cor. for sec. 3.
41.46	Set temp. ¼ sec. cor. sec. 4.
81.88	Intersect the N. bdy. of the township, 50 lks. W. of the reconstructed original cor. secs. 3, 4, 33, and 34, heretofore described.
	Thence:
	S. 0°21' W., on true line bet. secs. 3 and 4.
	Descend gradual S. slope of broken mountainous land through scattered timber and dense undergrowth.
2.30	Draw, 30 ft. below cor., drains E.; ascend gradual N. slope.
12.40	Spur, 40 ft. above draw, projects E.; descend gradual S. slope.
19.80	Draw, 40 ft. below spur, drains E.; ascend gradual NE. slope.
24.40	Enter rolling top of main ridge, 60 ft. above draw, bears N. 70° W. and S. 70° E.
31.40	Leave rolling top of ridge, bears E. and W.; descend gradual SW. slope.
33.90	Old road, bears NW. and SE.

Chains	
34.60	Draw, 50 ft. below ridge, drains SE.; ascend gradual NE. slope.
40.42	Northing of 40.00 chs. from the cor. secs. 4 and 9: On gradual NE. slope, 30 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 4 only, with brass cap marked ¼ S4 | 1930 From which: A pinon, 12 ins. diam., bears S. 2° W., 310 lks. dist., marked ¼ S4 BT. A pinon, 16 ins. diam., bears N. 33° W., 278 lks. dist., marked ¼ S4 BT.
41.88	Northing of 40.00 chs. from the cor. secs. 3 and 10. Set an iron post, 3 ft. long, 1 in. diam., 29 ins. in the ground to bedrock and 10 ins. in a mound of stone, for ¼ sec. cor., sec. 3 only, with brass cap marked | ¼ S3 1930 From which: A pinon, 14 ins. diam., bears N. 64° E., 289 lks. dist., marked ¼ S3 BT. A pinon, 6 ins. diam., bears S. 39° E., 51 lks. dist., marked ¼ S3 BT.
44.40	Ridge, 40 ft. above the ¼ sec. cor. sec. 4, bears E. and W.; descend gradual S. slope.
49.40	Descent becomes abrupt, bears E. and W.
60.40	Descent becomes gradual, bears E. and W.
80.42	Northing of 80.00 chs. from the cor. secs. 9 and 16: On gradual S. slope, 280 ft. below ridge. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 4 and 9 only, with brass cap marked

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains



From which:

A pinon, 8 ins. diam., bears S. 74° W., 33 lks. dist., marked T40S R6W S9 BT.

A juniper, 12 ins. diam., bears N. 38° W., 30 lks. dist., marked T40S R6W S4 BT.

81.88 The cor. secs. 3 and 10.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, scattered juniper and pinon.

Fair grazing land.

From the reestablished original cor. secs. 16, 17, 20, and 21, heretofore described.

N. 0°10' W., bet. secs. 16 and 17.

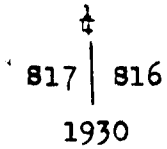
Ascend gradually along rolling W. slope of mountainous land through dense timber and undergrowth.

20.30 Ascent becomes abrupt, bears E. and W.; thence ascend abrupt SE. slope.

25.40 Spur, 300 ft. above cor., projects S. 60° W.; thence ascend gradually along broken W. slope.

40.00 On broken W. slope, 80 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked



From which:

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
	A juniper, 12 ins. diam., bears S. 88°30' E., 54 lks. dist., marked ¼ S16 BT.
	A pinon, 8 ins. diam., bears West, 116 lks. dist., marked ¼ S17 BT.
	Thence ascend gradually over broken SW. slope.
49.30	Ridge, 150 ft. above the ¼ sec. cor., bears N. 30° W. and S. 30° E.; descend gradually along broken E. slope.
80.00	On broken E. slope, 80 ft. below ridge:
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for cor. secs. 8, 9, 16, and 17, with brass cap marked

T40S R6W	
S8	S9
S17	S16

1930

From which:

A pinon, 12 ins. diam., bears N. 41° E., 61 lks. dist., marked T40S R6W S9 BT.

A pinon, 8 ins. diam., bears S. 17° E., 55 lks. dist., marked T40S R6W S16 BT.

A pinon, 8 ins. diam., bears S. 75° W., 47 lks. dist., marked T40S R6W S17 BT.

A pinon, 10 ins. diam., bears N. 31° W., 113 lks. dist., marked T40S R6W S8 BT.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, dense juniper and pinon.

Fair grazing land.

Chains	
	S. 89°50' E., on random line bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
79.74	Intersect the N. and S. line, 3 lks. S. of the cor. secs. 9 and 16.
	Thence:
	N. 89°51' W., on true line bet. secs. 9 and 16.
	Descend gradually over broken W. slope of mountainous land through dense timber and undergrowth.
8.60	Draw, 160 ft. below cor., drains S. 30° W.; ascend gradual E. slope.
14.40	Begin abrupt ascent over broken SE. slope.
23.60	Spur, 140 ft. above draw, projects S. 20° W.; descend abrupt W. slope.
33.80	Draw, 220 ft. below spur, drains S.; ascend abruptly over broken SE. slope.
39.87	On abrupt 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 S9 / S16 1930
	From which:
	A pinon, 10 ins. diam., bears S. 8°30' E., 27 lks. dist., marked ¼ S16 BT.
	A pinon, 6 ins. diam., bears N. 56° W., 75 lks. dist., marked ¼ S9 BT.
	Continue ascent over abrupt SE. slope.
46.50	Spur, 140 ft. above the ¼ sec. cor., projects S. 10° W.; thence ascend gradually along broken S. slope.
61.50	Spur, 80 ft. above last spur, projects S.; descend abruptly over broken SW. slope.
71.70	Draw, 40 ft. below spur, drains S. 20° E.; ascend abrupt SE. slope.
79.74	The cor. secs. 8, 9, 16, and 17, 130 ft. above spur.

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
	Land, broken and mountainous with a general southerly exposure and drainage.
	Soil, shallow gravelly clay and loose rock; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
	Timber, dense juniper and pinon, and scattered yellow pine.
	Fair grazing land.
	N. 0°01' W., bet. secs. 8 and 9.
	Ascend gradual SE. slope of rolling mountainous land through dense timber and undergrowth.
21.00	Enter rolling top of ridge which forms the divide bet. Kanab Creek and East Fork of the Rio Virgin, 120 ft. above cor., bears N. 60° E. and S. 30° W.
27.30	Leave top of divide, bears NE. and SW.; descend gradually along W. slope.
40.00	On gradual W. slope, 40 ft. below top of divide.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S8 | S9 1930
	From which:
	A juniper, 20 ins. diam., bears N. 66°30' E., 77 lks. dist., marked ¼ S9 BT.
	A juniper, 6 ins. diam., bears S. 78° W., 22 lks. dist., marked ¼ S8 BT.
	Continue gradual descent along W. slope.
59.10	Head of draw, 30 ft. below the ¼ sec. cor., drains S. 75° W.; ascend gradual SW. slope.
80.00	On gradual SW. slope, 130 ft. above head of draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 4, 5, 8, and 9, with brass cap marked

SUBDIVISION OF, T. 40 S., R. 6 W.

	T40S | R6W S5 | S4 S8 | S9 1930
	From which:
	A pinon, 14 ins. diam., bears N. 60° E., 66 lks. dist., marked T40S R6W S4 BT.
	A juniper, 8 ins. diam., bears S. 62° E., 26 lks. dist., marked T40S R6W S9 BT.
	A juniper, 6 ins. diam., bears S. 33° W., 8 lks. dist., marked T40S R6W S8 BT.
	A pinon, 10 ins. diam., bears N. 6° W., 45 lks. dist., marked T40S R6W S5 BT.
	Land, rolling and mountainous with a general southerly exposure and drainage.
	Soil, shallow gravelly clay and sand; 3rd rate.
	Undergrowth, dense sage, oak, and service berry brush.
	Timber, dense juniper and pinon.
	Fair grazing land.

	S. 89°51' E., on random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.60	Intersect the N. and S. line, 3 lks. N. of the cor. secs. 4 and 9.
	Thence:
	N. 89°50' W., on true line bet. secs. 4 and 9.
	Descend gradual NW. slope of broken mountainous land through dense timber and undergrowth.
12.80	Draw, 100 ft. below cor., drains S. 20° W.; ascend gradual E. slope.
33.00	Ridge, 140 ft. above draw, bears N. and S.; descend gradual W. slope.
39.80	On gradual W. slope, 50 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/S9 1930

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
	From which:
	A juniper, 18 ins. diam., bears North, 155 lks. dist., marked ¼ S4 BT.
	A juniper, 14 ins. diam., bears S. 51° W., 53 lks. dist., marked ¼ S9 BT.
	Continue gradual descent over broken W. slope.
47.50	Draw, 80 ft. below the ¼ sec. cor., drains SE.; ascend gradual E. slope.
78.00	Ridge which forms the divide bet. Kanab Creek and East Fork of the Rio Virgin, 280 ft. above draw, bears N. and S.; descend gradual W. slope.
79.60	The cor. secs. 4, 5, 8, and 9, 50 ft. below divide.
	Land, broken and mountainous with a general southerly exposure and drainage.
	Soil, shallow gravelly clay and sand with loose rock; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
	Timber, dense juniper and pinon.
	Fair grazing land.
	N. 0°21' E., on random line bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
80.63	Intersect the reconstructed original cor. secs. 4, 5, 32, and 33, on the N. bdy. of the township, heretofore described.
	Thence:
	S. 0°21' W., on true line bet. secs. 4 and 5.
	Ascend gradual N. slope of broken mountainous land through scattered timber and dense undergrowth.
6.50	Top of ridge, bears W., and E. 1.30 chs. to top of ridge which forms the divide bet. Kanab Creek and East Fork of the Rio Virgin, 40 ft. above cor.; thence descend gradually along broken SW. slope of divide near top.

Chains	
40.63	On gradual SW. slope of divide near top, 320 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 S5 | S4 1930
	From which:
	A pinon, 18 ins. diam., bears S. 61° E., 61 lks. dist., marked ¼ S4 BT.
	A pinon, 12 ins. diam., bears S. 32° W., 38 lks. dist., marked ¼ S5 BT.
	Continue gradual descent over SW. slope of divide near top.
51.60	Head of draw, 150 ft. below the ¼ sec. cor., drains W.; ascend gradual NW. slope.
56.00	Spur, 40 ft. above head of draw, projects W.; descend gradual SW. slope of divide near top.
60.80	Head of draw, 20 ft. below spur, drains W.; ascend gradual NW. slope.
75.20	Spur, 110 ft. above head of draw, projects W., and bears East, 1.00 chs. dist. to junction with divide which bears N. and S.; descend gradual SW. slope.
80.63	The cor. secs. 4, 5, 8, and 9, 50 ft. below spur.
	Land, broken and mountainous with a general westerly exposure and drainage.
	Soil, shallow gravelly clay and sand with loose rock; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck and bitter brush.
	Timber, scattered juniper and pinon.
	Fair grazing land.

Chains

From the reestablished cor. secs. 17, 18, 19, and 20,
heretofore described.

N. 0°10' W., bet. secs. 17 and 18.

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

1.80 Wash, 25 lks. wide, 8 ft. deep, in draw, 20 ft. below cor., drains W.; ascend gradual S. slope.

7.10 Spur, 80 ft. above draw, projects W.; descend abrupt N. slope.

11.50 Draw, 130 ft. below spur, drains W.; ascend abrupt S. slope.

13.70 Spur, 40 ft. above draw, projects W., 4.00 chs. to end; descend abrupt N. slope.

15.10 Draw, 40 ft. below spur, drains SW.; ascend abrupt SE. slope.

23.00 Spur, 140 ft. above draw, projects S. 60° W.; descend abrupt N. slope.

26.30 Draw, 110 ft. below spur, drains SW.; ascend abrupt SE. slope.

30.00 Spur, 100 ft. above draw, projects W.; descend abrupt N. slope.

36.20 Draw, 90 ft. below spur, drains S. 70° W.; ascend abrupt S. slope.

39.00 Spur, 60 ft. above draw, projects W.; descend abrupt NW. slope.

40.00 On abrupt NW. slope, 30 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
S18 | S17
1930.

From which:

A pinon, 10 ins. diam., bears S. 88°45' E., 67 lks. dist., marked ¼ S17 BT.

A pinon, 8 ins. diam., bears S. 65° W., 38 lks. dist., marked ¼ S18 BT.

Chains

43.90 Bend in draw, 70 ft. below the ¼ sec. cor., drains SW. from the E.; ascend abruptly over broken SE. slope.

54.20 Spur, 150 ft. above draw, projects SE.; descend gradually along broken E. slope.

59.80 Base of descent, 30 ft. below spur, bears E. and W.; ascend abrupt SE. slope.

63.00 Spur, 40 ft. above base of ascent, projects SW.; descend abrupt NW. slope.

65.40 Draw, 130 ft. below spur, drains SW.; ascend abrupt SE. slope.

80.00 On abrupt broken SE. slope, 200 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 7, 8, 17, and 18, with brass cap marked

T40S S7	R6W S8
S18	S17

1930

From which:

A pinon, 6 ins. diam., bears N. 15° E., 149 lks. dist., marked T40S R6W S8 BT.

A juniper, 12 ins. diam., bears S. 17° E., 64 lks. dist., marked T40S R6W S17 BT.

A juniper, 12 ins. diam., bears S. 23° W., 33 lks. dist., marked T40S R6W S18 BT.

A juniper, 12 ins. diam., bears N. 21° W., 67 lks. dist., marked T40S R6W S7 BT.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, dense juniper and pinon.

Fair grazing land.

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
	S. 89°46' E., on random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
79.72	Intersect the N. and S. line, 3 lks. N. of the cor. secs. 8, 9, 16, and 17.
	Thence:
	N. 89°45' W., on true line bet. secs. 8 and 17.
	Ascend abrupt E. slope of broken mountainous land through dense timber and undergrowth.
4.80	Top of ridge which forms the divide bet. Kanab Creek and the East Fork of the Rio Virgin, 70 ft. above cor., bears N. and S.; descend abrupt W. slope.
14.10	Outcroppings of a small vein of coal, bears N. and S.
22.80	Gulch, 470 ft. below ridge; drains S. 70° W.; thence descend gradually along broken S. slope.
28.90	Gulch, 40 ft. below last gulch, drains S., 1.50 chs. dist. to junction with last gulch which drains S. 70° W.; ascend abruptly over broken SE. slope.
39.86	True point for the ¼ sec. cor. falls on abrupt E. slope in loose shale where it is impracticable to set a permanent cor.
40.34	On top of white sandy spur, 280 ft. above gulch, projects S.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the ¼ sec. cor. secs. 8 and 17, with brass cap marked
	¼ S8 / S17 WC
	1930
	From which:
	A pinon, 12 ins. diam., bears S. 20° W., 79 lks. dist., marked WC ¼ S17 BT.
	A juniper, 12 ins. diam., bears N. 46° W., 62 lks. dist., marked WC ¼ S8 BT.
	Thence descend abrupt SW. slope.

Chains	
50.30	Draw, 260 ft. below spur, drains S.; ascend abrupt SE. slope.
57.60	Spur, 250 ft. above draw, projects S. 30° W.; descend abrupt NW. slope.
72.30	Draw, 370 ft. below spur, drains S. 30° W.; ascend abrupt E. slope.
79.72	The cor. secs. 7, 8, 17, and 18, 170 ft. above draw.
	Land, broken and mountainous and of a sandstone formation, with a general southwesterly exposure and drainage.
	Soil, shallow gravelly blue clay and sand; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
	Timber, dense juniper and pinon.
	Fair grazing land.

West, on true line, bet. secs. 7 and 18.

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

0.60	Spur, 20 ft. above cor., projects S. 30° W.; descend abrupt NW. slope.
5.50	Head of draw, 130 ft. below spur, drains S. 30° W.; ascend gradual SE. slope.
8.00	Spur, 30 ft. above head of draw, projects SW.; descend gradual NW. slope.
30.00	Small stream of good water, 2 lks. wide, 1 inch deep, in draw, 330 ft. below spur, flows SW.; ascend abrupt SE. slope.
40.00	On abrupt SE. slope, 120 ft. above stream.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked

$$\frac{\frac{1}{4}\ S7}{S18}$$

1930

From which:

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
	A pinon, 12 ins. diam., bears N. 28° E., 56 lks. dist., marked ¼ S7 BT.
	A pinon, 12 ins. diam., bears S. 17° W., 17 lks. dist., marked ¼ S18 BT.
	Continue abrupt ascent over SE. slope.
41.30	Spur, 50 ft. above the ¼ sec. cor., projects S. 30° W.; descend gradual NW. slope.
43.00	Draw, 30 ft. below spur, drains S. 30° W.; ascend gradual SE. slope.
44.50	Spur, 20 ft. above draw, projects SW.; descend abrupt NW. slope.
47.50	Draw, 70 ft. below spur, drains SW.; ascend gradually over broken S. slope.
49.23	Four strand barbed wire fence, bears N. 10° E. and S. 10° W.
52.60	Spur, 30 ft. above draw, projects S. 30° W.; descend abrupt NW. slope.
55.40	Enter cultivated land at base of descent, bears N. 20° E. and S. 20° W.
57.00	From this point, the material for a 1 room frame cabin, bears North, about 3.00 chs. dist. The material and cultivated land is claimed by Wm. Edgar Cox of Glendale, Utah.
60.80	Leave cultivated land, bears N. 60° E. and S. 60° W.; ascend gradual E. slope through dense undergrowth and scattered timber.
75.00	Bend in road, bears N. 60° E. and S. 60° E.
75.20	Intersect cor. of 4 strand barbed wire fence. Fence bears N. 85° E. and S. 25° W.
75.60	Ridge, 60 ft. above base of ascent, bears NE. and SW.; descend gradual NW. slope.
79.16	Intersect the W. bdy. of the township, S. 0°21' W., 5.13 chs. dist. from the cor. secs. 12 and 13, T. 40 S., R. 7 W., heretofore described.

Chains

At point of intersection, on abrupt NW. slope, 60 ft. below top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 7 and 18, T. 40 S. R. 6 W., with brass cap marked

T40S | T40S
S7
R7W ——— CC
S18
S13 | R6W

1930

From which:

A pinon, 6 ins. diam., bears N. 30° E., 43 lks. dist., marked T40S R6W S7 CC BT.

A pinon, 16 ins. diam., bears S. 9° E., 106 lks. dist., marked T40S R6W S18 CC BT.

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

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

Undergrowth, dense sage, oak, service berry, buck and bitter brush on portions of mile.

Timber, dense juniper and pinon on portions of mile.

Fair grazing land.

From the cor. secs. 7, 8, 17, and 18.

N. 0°01' W., bet. secs. 7 and 8.

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

2.90 Spur, 70 ft. above cor., projects SW.; descend abrupt NW. slope.

20.90 Draw, 250 ft. below spur, drains W.; ascend abrupt S. slope.

30.00 Top of ascent on E. slope of red clay notch about 2.00 chs. wide E. and W., which is on top of spur, 100 ft. above draw, projects W.; descend abrupt N. slope.

33.80 Draw, 80 ft. below spur; drains N. 60° W.; ascend abrupt SW. slope.

Chains	
38.60	Ascent becomes gradual, bears E. and W.
40.00	On gradual broken SW. slope, 140 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 S7 | S8 1930
	From which:
	A pinon, 20 ins. diam., bears S. 79°30' E., 14 lks. dist., marked ¼ S8 BT.
	A juniper, 20 ins. diam., bears N. 75° W., 28 lks. dist., marked ¼ S7 BT.
40.60	Spur, 10 ft. above the ¼ sec. cor., projects W.; descend abrupt N. slope.
43.90	Small stream of good water, 1 link wide, 1 inch deep, in gulch, 100 ft. below spur, flows S. 75° W.; ascend abrupt SE. slope over sandstone ledges.
64.50	Spur, 440 ft. above gulch, projects SW.; continue abrupt ascent along broken W. slope.
80.00	On abrupt W. slope, 100 ft. above spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for cor. secs. 5, 6, 7, and 8, with brass cap marked
	T40S | R6W S6 | S5 S7 | S8 1930
	From which:
	A juniper, 20 ins. diam., bears N. 58° E., 66 lks. dist., marked T40S R6W S5 BT.
	A pinon, 12 ins. diam., bears S. 68° E., 112 lks. dist., marked T40S R6W S8 BT.
	A pinon, 10 ins. diam., bears S. 17° W., 57 lks. dist., marked T40S R6W S7 BT.
	A juniper limb, 8 ins. diam., bears N. 25° W., 40 lks. dist., marked T40S R6W S6 BT.

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
	Land, broken and mountainous with a general southwesterly exposure and drainage.
	Soil, shallow gravelly clay and sand; 3rd rate.
	Undergrowth, dense sage, service berry, buck, and bitter brush.
	Timber, dense juniper and pinon.
	Fair grazing land.
	S. 89°45' E., on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
79.70	Intersect the N. and S. line, 21 lks. S. of the cor. secs. 4, 5, 8, and 9.
	Thence:
	N. 89°54' W., on true line bet. secs. 5 and 8.
	Descend gradual SW. slope of broken mountainous land through dense timber and undergrowth.
26.50	Spur, 120 ft. below cor., projects SW.; descend gradual NW. slope.
38.00	Descent becomes abrupt, bears NE. and SW.
39.85	On abrupt W. slope, 140 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 S5 / S8
	1930
	From which:
	A pinon, 10 ins. diam., bears N. 20° W., 81 lks. dist., marked ¼ S5 BT.
	A pinon, 10 ins. diam., bears S. 31° W., 42 lks. dist., marked ¼ S8 BT.
48.50	Gulch, 300 ft. below the ¼ sec. cor., drains S. 30° W.; ascend abruptly over broken SE. slope.
72.00	Spur, 450 ft. above gulch, projects S.; descend abrupt W. slope.

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
	extend.
79.70	The cor. secs. 5, 6, 7, and 8, 200 ft. below spur.
	Land, broken and mountainous and of a sandstone formation
	with a general southwesterly exposure and drainage.
	Soil, shallow gravelly clay and sand; 3rd rate.
	Undergrowth, dense sage, oak, service berry, buck, and bitter brush.
	Timber, dense juniper and pinon.
	Fair grazing land.

	West, on true line bet. sec. 6 and 7.
	Descend abrupt W. slope of broken mountainous land through dense timber and undergrowth.
2.00	Gulch, 80 ft. below cor., drains S.; ascend abrupt E. slope.
9.60	Spur, 230 ft. above gulch, projects S.; descend abrupt SW. slope.
12.80	Head of draw, 90 ft. below spur, drains S.; ascend gradually along broken S. slope.
25.40	Spur, 120 ft. above head of draw, projects S. 15° W.; descend abrupt W. slope.
34.40	Gulch, 250 ft. below spur, drains S.; ascend abrupt SE. slope.
40.00	On abrupt SE. slope, 200 ft. above gulch.
	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 / S7
	1930
	From which:
	A juniper, 20 ins. diam., bears N. 50° E., 52 lks. dist., marked ¼ S6 BT.
	A pinon, 12 ins. diam., bears S. 40° W., 77 lks. dist., marked ¼ S7 BT.
	Continue abrupt ascent over SE. slope.

SUBDIVISION OF T. 40 S., R. 6 W.

Chains

41.10 Spur, 20 ft. above the ¼ sec. cor., projects SW.; descend abrupt W. slope.

58.80 Gulch, 370 ft. below spur, drains S. 20° W.; ascend abrupt SE. slope.

62.40 Sandstone ledge, 50 ft. high, bears N. 30° E. and S. 30° W.

78.88 Intersect the W. bdy. of the township, South, 4.90 chs. dist. from the cor. secs. 1 and 12, T. 40 S., R. 7 W., heretofore described.

At point of intersection, on top of ridge, 550 ft. above gulch, bears N. 35° E. and S. 35° W.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 6 and 7, T. 40 S., R. 6 W., with brass cap marked

T40S | T40S
S6
R7W ——— CC
S7
S12 | R6W

1930

From which:

A pinon, 16 ins. diam., bears N. 13° E., 18 lks. dist., marked T40S R6W S6 CC BT.

A juniper, 8 ins. diam., bears S. 38° E., 22 lks. dist., marked T40S R6W S7 CC BT.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, dense juniper and pinon.

Fair grazing land.

SUBDIVISION OF, T. 40 S., R. 6 W.

Chains	
	From the cor. secs. 5, 6, 7, and 8.
	N. 0°21' E., on random line bet. secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
81.21	Intersect the N. bdy. of the township, 12 lks. E. of the reconstructed original cor. secs. 5, 6, 31, and 32, heretofore described.
	Thence:
	S. 0°16' W., on true line bet. secs. 5 and 6.
	Descend gradually along abrupt W. slope of broken mountainous land through dense undergrowth and scattered timber.
1.20	Draw, 20 ft. below cor., drains W.; ascend abrupt NW. slope.
10.00	Top of main ridge, 160 ft. above draw, bears N. 60° E. and S. 60° W.; descend abrupt SE. slope.
10.40	A 1 room frame cabin in bottom of draw, bears S.43°30'W. Cabin is claimed by Wm. Edgar Cox of, Glendale, Utah.
29.50	Draw, 360 ft. below ridge, drains W.; ascend abrupt N. slope.
37.00	Spur, 150 ft. above draw, projects W.; descend abrupt SW. slope.
41.21	On abrupt SW. slope, 30 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for ¼ sec. cor., with brass cap marked ¼ S6 | S5 1930 From which: A juniper, 8 ins. diam., bears S. 20° E., 56 lks. dist., marked ¼ S5 BT. A pinon, 8 ins. diam., bears S. 65° W., 62 lks. dist., marked ¼ S6 BT. Continue abrupt descent over SW. slope.

Chains	
43.80	Draw, 80 ft. below the ¼ sec. cor., drains N. 75° W.; ascend abrupt N. slope.
69.20	Ridge, 480 ft. above draw, bears E. and W.; descend abrupt S. slope.
81.21	The cor. of secs. 5, 6, 7, and 8, 400 ft. below ridge.

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

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

Undergrowth, dense sage, oak, service berry, buck, and bitter brush.

Timber, scattered juniper, pinon, and fir.

Fair grazing land.

GENERAL DESCRIPTION, T. 40 S., R. 6 W.

The land in this fractional township is rough and mountainous, being broken by deep gulches and sandstone ledges.

The fractional township is of a sandstone and volcanic formation. The west portion has a general southwesterly exposure and drainage into the East Fork of the Rio Virgin, while the east portion has a general southeasterly exposure and drainage into Kanab Creek.

Nearly all the fractional township is covered with a dense growth of juniper and pinon and a few scattered fir, spruce, and yellow pine. The timber has no commercial value except for fire wood and fencing.

A dense undergrowth of sage, oak, service berry, buck, and bitter brush, was found throughout the fractional township.

The soil on the slopes of the ridges and spurs, consists of a shallow gravelly clay and sand, mixed with loose rock, and may be classified as third rate, while that in the bottom lands of the wide draws is a deep loose

Chains

sand and clay loam and may be classified as second rate.

The only portionsof the fractional township that can be farmed are a few of the bottom lands of the wide open draws, and fair crops can be raised on these lands without irrigation.

The remainder of the township is suitable only for the grazing of stock, but at the time of the survey, it was being over grazed to a great extent.

Wm. Edgar Cox, of Glendale, Utah, has a one room frame house located in the SW¼ of the NE¼ sec. 6. He also has a one room frame house under construction located in the SW¼ of the SE¼ sec. 7, and approximately 20 acres of cultivated land located in the NW¼ sec. 18, and the SW¼ sec. 7. About 4 acres of land were being cultivated in the SW¼ of the SW¼ sec. 16. Fair crops of corn were being raised upon the cultivated land without irrigation.

Warren Olsen, of Glendale, Utah, has a one room frame house under construction, located in the SW¼ of the SE¼ sec. 18.

Approximately one mile of fencing was found in the NW¼ of sec. 18, and the SW¼ of sec. 7.

Sections 3, 4, 16, and 18, can be reached by automobile, over dim roads which lead from Glendale, Utah.

No settlers were living on the township at the time of the survey, and the improvements herein listed, were the only improvements found in the fractional township.

The only water found, was a small spring of good water located in the SW¼ of the NE¼ sec. 6, a small intermittent stream in the bottom of gulch which flows in a southerly direction through the west half of sec. 7, and a small intermittent stream in bottom of a gulch which flows in a southwesterly direction through the NW¼ sec. 8, the E½ of sec. 7, and the N½ of sec. 18.

Each stream is good water and is about 1 link wide and one inch deep, and can only be used for the watering of stock and for culinary purposes.

The only indication of mineral found in the fractional township, was an outcropping of a small vein of coal located in the SE¼ of section 8, and the NE¼ of section 17.

No magnetic declination was taken on account of a defective needle.

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BOOK A-509

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Edward Eliason	Chainman
Golden Billings	Chainman
Clarence Hall	Chainman
Milton Hall	Flagman
Kirk Johnson	Flagman
Gomer Edmonds	Cornerman
Lavon Dallin	Cornerman
Marden Black	Axeman
Clyde Shepherd	Axeman

6—2764

BOOK A-509

CERTIFICATE OF UNITED STATES SURVEYOR
AND U.S. CADASTRAL ENGINEER.

Howard W. Miller, U.S. Cadastral Engineer, and

~~I~~, We, Elliot Bird, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 28th day of June, 1927, We I have well, faithfully, and truly in ~~my~~ 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 Dependent Resurvey of a portion of the North and West Boundaries and Subdivision, and Survey of a portion of the Subdivision, T. 40 S., R. 6 W.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by ~~me~~ us, and under ~~my~~ our directions, 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 District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at:
Salt Lake City, Utah,
February 21, 1931.

Elliot Bird
U. S. Surveyor.

Howard W. Miller
U.S. Cadastral Engineer.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado. DEC 28 1936, 19

The foregoing field notes of the survey of Dependent Resurvey of a portion of the North and West Boundaries and Subdivision, and Survey of a portion of the Subdivision, T. 40 S., R. 6 W.

executed by Howard W. Miller, U.S. Cadastral Engineer, and Elliot Bird, U.S. Surveyor, under his their special instructions dated June 28, 1927, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Quantin Johnson
U. S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~

~~, has been correctly copied from the original notes on file in this office.~~

~~U. S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1927 6—2764

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4—679

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BOOK A-509

FIELD NOTES

OF THE ~~SURVEY OF THE~~

DEPENDENT RESURVEY OF THE WEST BOUNDARY; PORTIONS OF THE EIGHTH STANDARD PARALLEL SOUTH THROUGH R. 7 W., THE NORTH BOUNDARY, AND SUBDIVISION; AND SURVEY OF A PORTION OF THE SUBDIVISION, OF,

T. 40 S., R. 7 W.

Of the Salt Lake Base and *Meridian,*

n the State of Utah

EXECUTED BY

Andrew Nelson, U.S. Cadastral Engineer

Howard W. Miller, U.S. Cadastral Engineer

Elliot Bird, U.S. Surveyor

~~*n the capacity of U. S. Surveyor*~~, *under Special Instructions dated* June 28, 27, *issued by the District Cadastral Engineer to govern surveys included in Group o.* 180, *which were approved by the Commissioner of the General Land ffice,* August 3, *19* 27, *and Assignment Instructions dated* July 26, *19* 27, upplemental assignment instructions dated Sept. 2, 1930, and August 1, 1931.

Survey commenced August 3, *19* 27.

Survey completed September 22, *19* 31.

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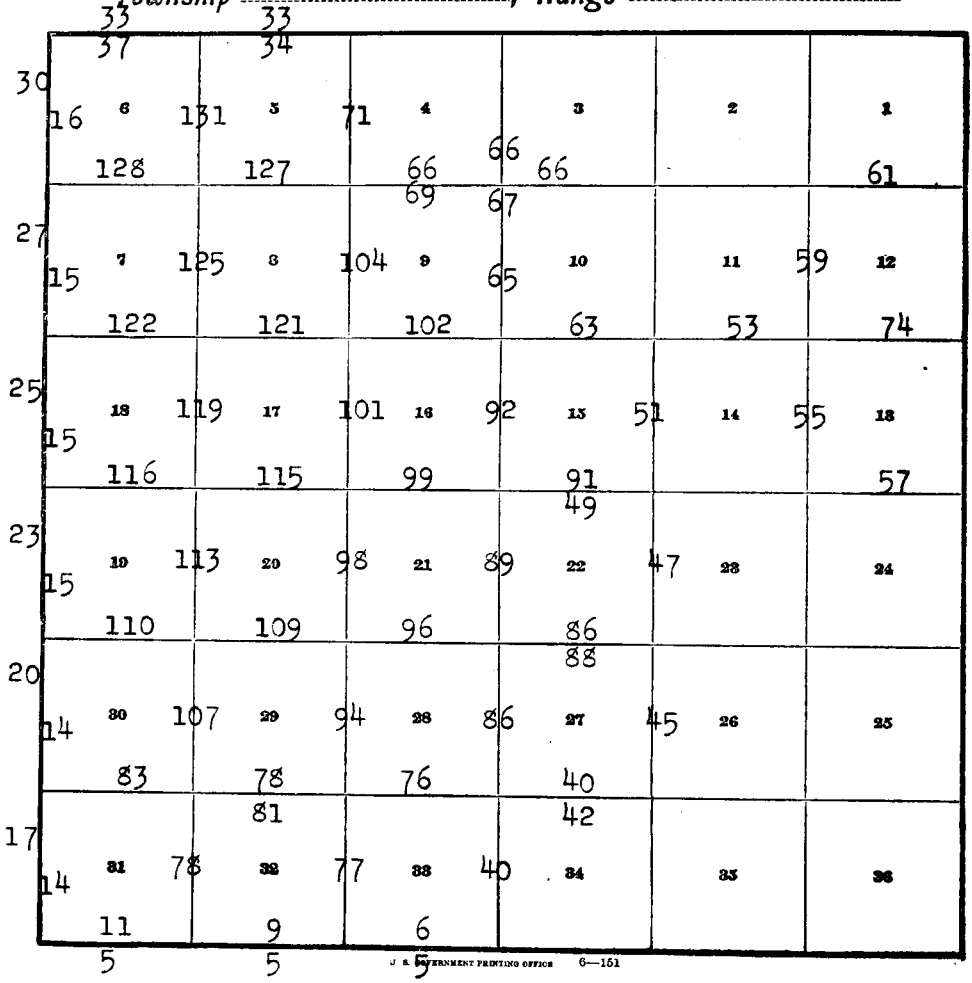
INDEX DIAGRAM.

Township 40 South, *Range* 7 West



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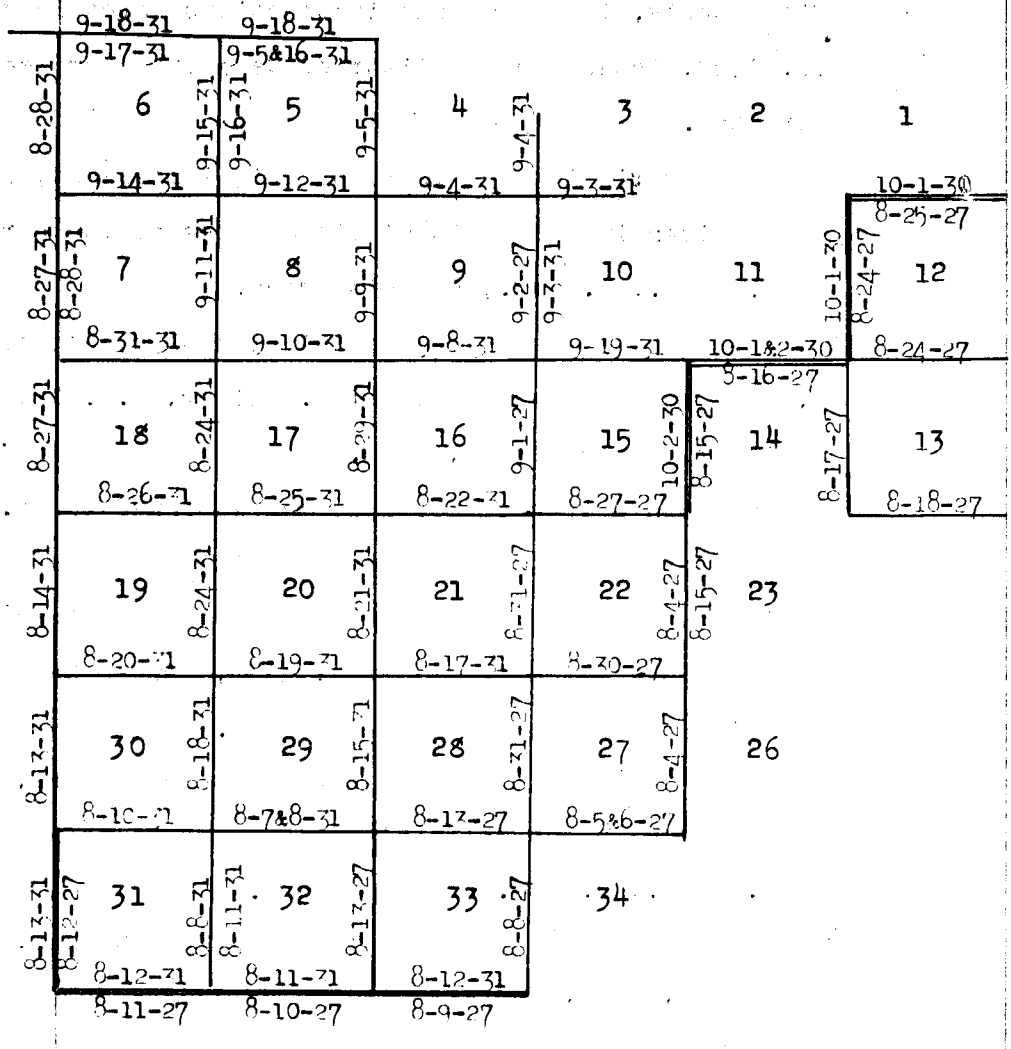
T. 40 S., R. 7 W.

DATE DIAGRAM.



Lines colored black were surveyed by Andrew Nelson, U.S. Cadastral Engineer.

Lines colored red, were surveyed by Elliot Bird, U.S. Surveyor.

Lines colored red and black were surveyed jointly by Elliot Bird, U.S. Surveyor and Andrew Nelson, U.S. Cadastral Engineer.

Lines colored blue and red were surveyed jointly by Elliot Bird, U.S. Surveyor and Howard W. Miller, U.S. Cadastral Engineer.

Survey commenced August 3, 1927, by Elliot Bird, U.S. Surveyor, and executed with Buff and Buff light mountain transit No. 18003. The instrument was approved for use on this survey, conditional upon satisfactory field tests, in assignment instructions dated July 26, 1927, issued by the District Cadastral Engineer for Utah.

For full description and tests of this instrument, see those given in the official field notes of the survey of T. 40 S., R. 6 W., of this group.

Field work was discontinued on this township, September 2, 1927 and resumed by Howard W. Miller, U.S. Cadastral Engineer, on October 1, 1930.

Young and Son's transit No. 8396 was assigned to Mr. Miller for use on this survey, conditional upon satisfactory field tests, in supplemental assignment instructions dated September 2, 1930, issued by the District Cadastral Engineer for Utah.

For full descriptions and tests of this instrument, see those given in the official field notes of the survey of T. 40 S., R. 6 W. of this group.

Field work was again discontinued on this township, on October 2, 1930, and was resumed by Andrew Nelson, U.S. Cadastral Engineer, on August 7, 1931.

Buff and Buff light mountain transit No. 9978, was assigned to Mr. Nelson for use on this survey, conditional upon satisfactory field tests, in supplemental assignment instructions dated August 1, 1931, issued by the District Cadastral Engineer for Utah.

The instrument is equiet with Smith solar attachment and full vertical circle. The horizontal limb is 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

T. 40 S., R. 7 W.

Chains

and declination arcs and vertical circle.

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

August 7, 1931; stationed near the center of sec. 4, T. 41 S., R. 7 W., Salt Lake Base and Meridian, Utah. In approximate latitude 37°16'30" N., longitude 112°37' W., at apparent noon, I 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 telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude	69° 16' 30"
Reduced latitude	37° 16' 27" N.
Watch time of observation	12h 31m 39s
Watch fast of local mean time	0h 25m 57s

August 9, 1931; at the same station and at 7h 3m 57s a.m. by my watch which is 25m 57s fast of local mean time, I make an hour angle observation on Polaris W. of the meridian, making four observations, two each with the telescope in direct and reversed postions, and note that a flag about 20 chains to the N. of my station bears 3°37.2' W. of the star. Azimuth of Polaris 0°43.2' W. True bearing of flag N. 4°20.4' W.

At 8h 30m a.m. apparent time, I set off 37°16'30" N., on the latitude arc; 16°02' N., on the declination arc; and determine a meridian with the solar and note that the flag bears N. 4°20' W.

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 15°59' N., with agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the latitude arc unchanged, I set off 15°57' N., on the declination arc and determine a meridian with the solar and note that the flag bears N. 4°20' W.

As all the solar observations made during the usual hours of solar work agree 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 the survey, frequent tests being made upon meridians determined by observation made on Polaris.

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

September 5, 1931; stationed near the cor. of secs. 3, 4, 9, and 10, T. 40 S., R. 7 W., Salt Lake Base and Meridian Utah, in approximate latitude 37°21'30" N., longitude 112°36' W., at 6h 38.6m p.m. local mean time, I make an hour angle observation on Polaris E. of the meridian, and note that the angle from the star to a tree about one mile to the W. of my station is 91°08'. Azimuth of Polaris 1° 08.8' E. True bearing of tree, N. 89°59.2' W.

September 20, 1931; at the same station and 8h 00m a.m. apparent time, I set off 37°21'30" N. on the latitude arc; 1°20' N., on the declination arc; and determine a meridian with the solar, and note that the tree bears N. 89°59' W.

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be 1°15'30" N., which agrees with the computed declination of the sun.

At 3h 00m p.m. apparent time and with the latitude arc unchanged, I set off 1°13' N., on the declination arc; and determine a meridian with the solar, and note that the tree bears N. 89°59' W.

As all the solar observation made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the instrument is still 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 slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

DEPENDENT RESURVEY OF THE EIGHTH STANDARD PARALLEL SOUTH THROUGH R. 7 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY T.C. BAILEY, U.S. DEPUTY SURVEYOR IN 1876.

Random Lines.

From the true point for the standard cor. of secs. 33 and 34, which is West, 6.50 chs. dist. from the witness cor. to the cor. of said secs.

S. 87°30' W., (computed course) along the S. bdy. of secs. 33, 32, and 31.

157.11 Find no trace of the original closing cor. of secs. 5 and 6, T. 41 S., R. 7 W.

Continue on same line with continuous measurement.

170.55 Find no trace of the original standard cor. of secs. 31 and 32.

Continue on same line with continuous measurement.

210.55 Fall 31 lks. N. of the original standard ¼ sec. cor. of sec. 31, hereinafter described.

The course of the line from the true point for the

DEPENDENT RESURVEY OF THE EIFHTH STANDARD PARALLEL SOUTH THROUGH R. 7 W.

Chains	
	standard cor. of secs. 33 and 34, and the standard ¼ sec. cor. of sec. 31, therefore is S. 87°35' W., and the distance is 210.55 chs.
	Offset to the standard ¼ sec. cor.
	Thence, West, with new measurement.
22.82	Fall 7 lks. N. of the original closing cor. of T. 41 S., Rs. 7 and 8 W., hereinafter described.
	The course of the line from the standard ¼ sec. cor. of sec. 31, to the closing cor. of T. 41 S., Rs. 7 and 8 W., therefore is S. 89°49' W., and the distance is 22.82 chs.
	Continue on same line with continuous measurement.
39.56	Fall 40 lks. S. of the standard cor. of T. 40 S., Rs. 7 and 8 W., hereinafter described.
	The course of the line from the closing cor. of 41 S., Rs. 7 and 8 W., and the standard cor. of T. 40 S., Rs. 7 and 8 W., therefore is N. 88°24' W., and the distance is 16.75 chs.

True Lines.

The witness standard cor. of secs. 33 and 34 is a sandstone, 16 x 12 x 4 ins. above ground, firmly set, plainly marked 3 notches on E. edge, 3 notches on W. edge, and WC on N. face; witnessed by a small mound of stone around cor. I change this cor. to an angle point by marking the cor. monument AP on the W. face. Cor. is witnessed at a point, 6.50 chs. E. of its true position, therefore at a point, 6.50 chs. W. of the witness cor., on abrupt SE. slope, 150 ft. above angle point.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for standard cor. of secs. 33 and 34, with brass cap marked.

Chains

S C
T40S R7W
S33 S34

1927

From which:

A pinon, 6 ins. diam., bears N. 83° E., 23 lks. dist., marked T40S R7W S34 SC. BT.

A pinon, 8 ins. diam., bears N. 36° W., 57 lks. dist., marked T40S R7W S33 SC BT.

Thence, S. 87°35' W., on true line, along the S. bdy. of sec. 33.

Ascend abruptly over broken SE. slope of mountainous land, through dense timber and undergrowth.

3.00 Bend in wood road, bears S. 88° E. and S. 82° W.

6.90 Bend in same road, bears S. 87° E. and S. 75° W.

8.80 Ascent becomes more gradual, bears N. 60° E. and S. 60° W.

9.80 Spur, 130 ft. above cor., projects S.; descend abruptly over broken SW. slope of sandstone ledges.

10.90 Wood road, bears N. and S.

18.60 Bottom of Gardner Hollow, 220 ft. below spur, drains S.; ascend abruptly over ledges.

22.50 Top of sandstone ledge and W. rim of hollow, 50 ft. high, bears N. and S.; thence ascend gradually over broken E. slope of spur.

35.00 Top of spur, 370 ft. above hollow, projects S.; descend abruptly over broken SW. slope.

37.10 Wood road, bears N. and S.

39.27 Easting of 40.00 chs. from the standard cor. of secs. 32 and 33; on broken SW. slope, 100 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for standard ¼ sec. cor., with brass cap marked

SC
¼ S33

1927

From which:

Chains	
	A pinon, 8 ins. diam., bears N. 81°30' E., 87 lks. dist., marked ¼ S33 SC BT.
	A juniper, 8 ins. diam., bears N. 33° W., 85 lks. dist., marked ¼ S33 SC BT.
40.20	Wood road, bears N. 80° W. and S. 80° E.
42.20	Wood road, bears NE. and S.
55.00	Wash, 35 lks. wide, 15 ft. deep, in bottom of canyon, 270 ft. below the ¼ sec. cor., drains SE.; ascend abruptly over broken NE. slope.
60.60	Top of abrupt ascent, bears N. 30° W. and S. 30° E.; thence ascend gradually over broken SE. slope of wide spur.
79.31	Intersection with a line projected S. from the cor. of secs. 28, 29, 32, and 33; on top of wide spur, 380. ft. above bottom of canyon.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for standard cor. of secs. 32 and 33, with brass cap marked.

S C
T40S R7W
S32 | S33

1927.

From which:

A juniper, 6 ins. diam., bears N. 49° E., 66 lks. dist., marked T40S R7W S33 SC BT.

A juniper, 10 ins. diam., bears N. 36° W., 71 lks. dist., marked T40S R7W S32 SC BT.

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

Soil, shallow blue clay and sandstone; 3rd rate.

Undergrowth, dense greasewood, sage, oak, rabbit, service, and buck brush.

Timber, scrub juniper and pinon.

Fair grazing.

Chains	
	S. 87°35' W., along the S. bdy. of sec. 32.
	Descend gradually over broken S. slope of mountainous land, through dense timber and undergrowth.
2.00	Small draw, 20 ft. below cor., drains S.; ascend gradual SE. slope of spur bench.
7.50	Top of ascent on E. edge of spur bench, 65 ft. above draw, slopes S. 20° E. from N. 20° W.; thence over top of spur bench.
11.65	Wood road, bears N. and S.
12.30	Top of W. edge of spur bench, bears NE. and S. 20° W.; descend abrupt W. slope.
15.40	Gulch near head, 140 ft. below spur bench, drains SW.; ascend abrupt SE. slope.
17.50	Top of S. point of rocky outcropping from the N., 50 ft. above gulch; descend abrupt clay and sandstone SW. slope.
21.00	Gulch near head, 140 ft. below rocky point, drains S. 20° W.; ascend abrupt E. and SE. slopes.
23.90	Spur, 100 ft. above gulch, projects S. 10° W., about 8.00 chs. to end; descend abrupt W. and NW. slopes.
31.20	Old brush and pole fence at E. edge of cultivated land and hollow, bears N. and S.; thence across cultivated land.
34.35	Wash, 15 lks. wide and 6 ft. deep, 170 ft. below spur, drains S.; continue across cultivated land.
37.20	Leave cultivated land and bottom of hollow, bears NE. and SW.; ascend abrupt SE. slope.
40.04	Westing of 40.00 chs. from the standard cor. of secs. 32 and 33, on abrupt SE. slope, 50 ft. above bottom of hollow.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for standard ¼ sec. cor., with brass cap marked

DEPENDENT RESURVEY OF THE EIGHTH STANDARD PARALLEL SOUTH, THROUGH R. 7 W.

Chains

SC
¼ S32

1927

From which:

A pinon, 5 ins. diam., bears N. 80° E., 99 lks. dist., marked ¼ S32 SC BT.

A juniper, 6 ins. diam., bears N. 29°30' W., 101 lks. dist., marked ¼ S32 SC BT.

41.50 Low grey clay spur, 60 ft. above the ¼ sec. cor., projects S., 1.00 chs. dist. to end; descend abrupt SW. slope.

45.00 Short draw, 60 ft. below spur, drains S., 1.50 chs. dist. to mouth and to brush fence bearing E. and W. at the N. side of cultivated land. Cultivated land bears W., 2.00 chs. dist. to W. end, and easterly to the cultivated land in hollow at the 37.20 chs. point; ascend abrupt S. slope of low spur.

48.20 Top of ascent on S. slope of low spur from the N.; 65 ft. above draw; descend abrupt SW. clay slope.

54.10 Bottom of deep gulch, 80 ft. below top of ascent on spur, drains S. 70° E.; ascend abrupt NE. and N. slopes.

70.40 Head of small gulch, 75 ft. deep, drains NE., 5.00 chs. dist., thence S. 80° E.; continue abrupt ascent.

75.50 Forks of high spur, 300 ft. above gulch, projects W., bears and SE., and N. 30° E.; thence along top of spur,

77.25 Leave top of spur, projects NW. from the E. Timber becomes scattered, bears SE. and NW. Descend abrupt SW. blue clay slope.

80.08 Westing of 80.00 chs. from the standard cor. of secs. 32 and 33, on abrupt SW. slope, 80 ft. below spur. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. of secs. 31 and 32, with brass cap marked

S C
T40S R7W
S31 | S32

1931

DEPENDENT RESURVEY OF THE EIGHTH STANDARD PARALLEL SOUTH, THROUGH R. 7 W.

Chains

From which:

A pinon, 9 ins. diam., bears N. 47° E., 114 lks. dist., marked T40S R7W S32 S0 BT.

No other suitable bearing tree available.

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

Soil, shallow blue clay and sandstone; 3rd rate.

Undergrowth, greasewood, shadscale, mountain rush, sage, service, rabbit, and bitter brush.

Timber, scrub juniper and pinon.

Fair grasing land.

S. 87°35' W., along the S. bdy. of sec. 31.

Descend gradual SW. slope of broken mountainous land through scattered timber and undergrowth,

15.50 Wash, 50 lks. wide, 25 ft. deep, 250 ft. below cor., in bottom of Cove Canyon, drains S.; ascend gradually over broken SE. slope.

18.06 Old brush fence, bears N. 70° W. and S. 70° E.

26.20 Old brush fence, bears NE. and SW.

34.06 Enter rolling top of bench and dense timber, 180 ft. above Cove Canyon, bears N. and S.; thence over rolling top of bench.

35.86 Bend in four strand barbed wire fence, bears S., and N. 30° W.

40.04 Westing of 40.00 chains from the standard cor. of secs. 31 and 32, on rolling top of bench.

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

S0
¼ S31

1931

Chains

From which:

A juniper, 6-ins. diam., bears N. 46° E., 40 lks. dist., marked ¼ S31 SC BT.

A juniper, 6 ins. diam., bears N. 40° W., 43 lks. dist., marked ¼ S31 SC BT.

45.00 Leave rolling top of bench land, bears NE. and SW.; descend abruptly over broken NW. slope.

51.16 The original standard ¼ sec. cor. of sec. 31, which is a white sandstone, 15 x 10 x 7 ins., firmly set in small mound of stone, plainly marked ¼ on N. face. I change this cor. to an angle point by marking the cor. monument AP on the N. face.

Alongside the original cor. monument.

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

T40S R7W
S A P

1931

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

Cor. is set at the NE. cor. of four strand barbed wire fence.

Thence, S. 89°49' W., with continuous measurement.

56.66 Four strand barbed wire fence, bears S. 10° W., and N. 10° E., about 50 lks. dist. to the NW. cor.

57.50 Enter corn field, bears N. 30° E. and S. 30° W.

59.70 Deer Hollow, 20 ft. deep, 80 ft. below bench and at the W. edge of corn field, drains S. 30° W. Corn field bears S. 30° W. and N. 30° E.; ascend abrupt SE. slope.

62.40 Spur, 50 ft. above wash, projects S.; descend abrupt W. slope.

64.90 Four strand barbed wire fence at NE. cor. of corn field, bears NW. and SE.; also a [illegible] wash, 50 ft. below spur, drains S.; thence through corn field.

DEPENDENT RESURVEY OF THE EIGHTH STANDARD PARALLEL SOUTH, THROUGH R. 7 W.

Chains	
66.20	Leave corn field and ascend abrupt E. slope, bears N. and S.
69.70	Outcropping of small vein of coal, bears N. and S.
70.20	Ascent becomes gradual, bears N. and S.
72.60	Brush fence, bears N. 30° E. and S. 30° W.
73.98	The original closing cor. of T. 41 S., Rs. 7 and 8 W., which is a sandstone, 16 x 16 x 18 ins., firmly set in the ground, and small mound of stone, plainly marked 6 notches on E. and W. edges, and 6 grooves and CC on S. face.
	From which:
	A juniper, 14 ins. diam., bears S. 36° E., 44 lks. dist., plainly marked CC T41S R7W S6 BT.
	A pinon, 8 ins. diam., bears S. 76° W., 47 lks. dist., plainly marked CC T41S R8W S1 BT.
	Cor. is in good state of preservation.
	Thence, N. 88°24' W., with continuous measurement.
74.20	Rolling top of ridge, 160 ft. above draw, bears N. and S.; descend gradual W. slope.
79.10	Draw, 30 ft. below ridge, drains S.; thence over rolling land.
80.05	Westing of 80.00 chs. from the standard cor. of secs. 31 and 32.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 15 and 16, with brass cap marked
	S31 L16 | L15 1931
	From which:
	A juniper, 15 ins. diam., bears N. 45° E., 85 lks. dist., marked S31 L15 BT.
	A juniper, 15 ins. diam., bears N. 2° W., 39 lks. dist., marked S31 L16 BT.
86.70	Draw, 25 ft. deep, drains S.15° E.

DEPENDENT RESURVEY OF THE EIGHTH STANDARD PARALLEL SOUTH, THROUGH R. 7 W.

Chains

90.73 The standard cor. of T. 40 S., Rs. 7 and 8 W., which is a sandstone, 10 x 8 x 6 ins. above ground, firmly set, plainly marked 6 notches on E. and W. edges and 6 grooves and SC on N. face. Cor. is witnessed by a mound of stone, 2 ft. base, 1½ ft. high N. of the cor. monument.

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

Soil, shallow blue clay and sandstone; 3rd rate.

Undergrowth, greasewood, shadscale, mountain rush, rabbit, sage, and bitter brush.

Timber, scrub juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY R.E.L. COLLIER, U.S. DEPUTY SURVEYOR IN 1895.

Random Lines.

From the standard cor. of T. 40 S., Rs. 7 and 8 W., heretofore described.

North, bet. secs. 31 and 36.

40.10 Fall 10 lks. W. of the original ¼ sec. cor. secs. 31 and 36, hereinafter described.

The course of this half mile therefore is N. 0°09' E., and the distance is 40.10 chs.

Continue on same line with continuous measurement.

80.45 Fall 2 lks. W. of the original cor. of secs. 25, 30, 31, and 36, hereinafter described.

The course of this half mile therefore is N. 0°07' W., and the distance is 40.35 chs.

North, bet. secs. 25 and 30.

39.76 Fall 16 lks. W. of the original ¼ sec. cor. secs. 25 and 30, hereinafter described.

Chains	
	The course of this half mile therefore is N. 0°14' E., and the distance is 39.76 chs.
	Continue on same line with continuous measurement.
79.52	Fall 24 lks. W. of the original cor. of secs. 19, 24, 25, and 30, hereinafter described.
	The course of this half mile therefore is N. 0°07' E., and the distance is 39.76 chs.
	North, bet. secs. 19 and 24.
39.98	Fall 13 lks. E. of the original ¼ sec. cor. secs. 19 and 24, hereinafter described.
	The course of this half mile therefore is N. 0°11' W., and the distance is 39.98 chs.
	Continue on same line with continuous measurement.
79.92	Fall 2 lks. E. of the original cor. of secs. 13, 18, 19, and 24, hereinafter described.
	The course of this half mile therefore is N. 0°09' E., and the distance is 39.94 chs.
	North, bet. secs. 13 and 18.
40.05	Fall 5 lks. E. of the original ¼ sec. cor. secs. 13 and 18, hereinafter described.
	The course of this half mile therefore is N. 0°04' W., and the distance is 40.05 chs.
	Continue on same line with continuous measurement.
80.06	Fall 1 lk, W. of the original cor. of secs. 7, 12, 13, and 18, hereinafter described.
	The course of this half mile therefore is N. 0°05' E., and the distance is 40.01 chs.
	North, bet. secs. 7 and 12.
40.17	Fall 15 lks. W. of the original ¼ sec. cor. of secs. 7 and 12, hereinafter described.

Chains.

The course of this half mile therefore is N. 0°13' E., and the distance is 40.17 chs.

Continue on same line with continuous measurement.

79.78 Fall 32 lks. W. of the original cor. of secs. 1, 6, 7, and 12, hereinafter described.

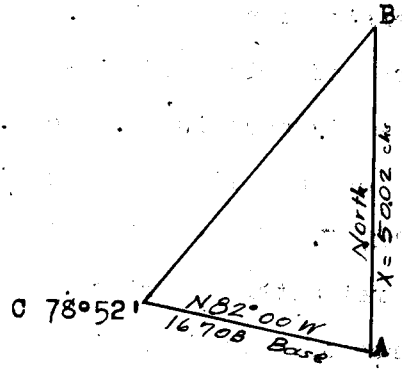
The course of this half mile therefore is, N. 0°15' E., and the distance is 39.61 chs.

North, bet. secs. 1 and 6.

40.65 Fall 2 lks. W. of the original ¼ sec. cor. of secs. 1 and 6, hereinafter described.

The course of this half mile therefore is N. 0°02' E., and the distance is 40.65 chs.

40.69 Continue on same line with continuous measurement.
Leave point.
48.04 Abrupt slopes and broken ledges to the N. of this point, make chaining impracticable, I therefore determine the distance by triangulation from the 40.69 chs. point as follows. Erect flag A at this point and flag B on line N. From A, survey base line AC, N. 82°00' W., 16.708 chs. dist. From C, flag B subtends an angle of 78°52' from A. All bearings checked by repetition and base line double chained. Vertical angle from "A" to "B" is plus 8°05'.



Distance on line.	40.69 chs.
Distance by triangulation	50.02 chs.
Distance to point B	90.71 chs.
Distance by return measurement	1.58 chs.
	89.13 chs.

89.13 Fall 33 lks. E. of the point for the original closing cor. of T. 40 S., Rs. 7 and 8 W., hereinafter described

Chains	
	The course of this half mile therefore is N. 0°24' W., and the distance is 48.48 chs.
	True Lines.
	From the standard cor. of T. 40 S., Rs. 7 and 8 W., heretofore described.
	N. 0°09' E., on true line, along the E. bdy. of sec. 36.
	Over rolling land, through dense timber and undergrowth.
0.60	Head of small draw, drains E.
7.70	Small draw, 20 ft. below cor., drains SE.; ascend gradual SW. slope.
7.97	Southing of 40.00 chs. from the ¼ sec. cor. of sec. 31. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and 6 ins. in a mound of stone, for cor. of lots 7 and 16, with brass cap marked 7 16 S31 1931 From which: A juniper, 16 ins. diam., bears N. 76°15' E., 32 lks. dist., marked S31 L7 BT. A juniper, 14 ins. diam., bears S. 64° E., 110 lks. dist., marked S31 L16 BT.
26.70	Wash, 20 lks. wide, 10 ft. deep, in bottom of draw, drains S. 75° W. Small vein of coal in bottom of wash. Ascend gradual SE. slope.
31.40	Spur, 40 ft. above draw, projects S. 75° W., descend abrupt NW. slope.
35.80	Draw, 120 ft. below spur, drains W.; ascend abrupt S. slope.
37.50	Spur, 40 ft. above draw, projects W.; descend gradual NE. slope.
39.60	Wash, 20 lks. wide, 15 ft. deep, drains N. 70° W.
40.10	On gradual W. slope, 20 ft. below spur; the original

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains

¼ sec. cor. of secs. 31 and 36, which is a sandstone, 10 x 8 x 4 ins. above ground, firmly set, marked ¼ on W. face.

From which:

A juniper, 12 ins. diam., bears N. 51° E., 44 lks. dist., marked ¼ S31 BT.

A juniper, 12 ins. diam., bears N. 14° W., 93 lks. dist., marked ¼ S36 BT.

As this cor. now becomes the ¼ sec. cor. of sec. 36 only, I efface the marks on the bearing tree in sec. 31, and alongside the original cor.

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

¼ S36
1931

I take an additional bearing tree in sec. 36 as follows.

A juniper, 6 ins. diam., bears S. 18°45' W., 105 lks. dist., marked ¼ S36 BT.

Thence:

N. 0°07' W., with continuous measurement.

47.97 South of 40.00 chains from the closing cor. of secs. 30 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 31 only, with brass cap marked

¼ S31
1931

From which:

A juniper, 7 ins. diam., bears N. 13° E., 49 lks. dist., marked ¼ S31 BT.

No other suitable bearing trees available.

48.60 Small draw, 30 ft. deep, drains S. 15° W. Indications of coal found in bottom of draw.

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains	
52.80	Draw, 20 ft. deep, drains S. 35° W.
58.70	Small spur, 50 ft. high, projects W.; thence over numerous small clay draws and spurs.
80.45	The original cor. of secs. 25, 30, 31, and 36, which is a sandstone, 10 x 10 x 4 ins. above ground, loosely set, plainly marked 5 notches on N. edge and 1 notch on S. edge.

From which:

A pinon, 10 ins. diam., bears N. 10° E., 63 lks. dist., marked T40S R7W S30 BT.

A juniper, 18 ins. diam., bears S. 51° E., 43 lks. dist., marked T40S R7W S31 BT.

A dead juniper, 12 ins. diam., bears S. 88° W., 35 lks. dist., marked T40S R8W S36 BT.

A juniper, 10 ins. diam., bears N. 55° W., 75 lks. dist., marked T40S R8W S25 BT.

As this cor. now becomes the cor. of secs. 25 and 36 only, I efface the marks on the bearing trees in secs. 30 and 31, and alongside the original cor. monument.

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

T40S
R8W | R7W
S25 | S31
S36 |
1931

I take an additional bearing tree in sec. 36 as follows.

A juniper, 16 ins. diam., bears S. 29°45' W., 90 lks. dist., marked T40S R8W S36 BT.

Cor set on gradual S. slope of clay spur.

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

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

Undergrowth, greasewood, shadscale, mountain rush, sage,

Chains	
	service, and bitter brush.
	Timber, scrub juniper and pinon.
	Fair grazing land.
	N. 0°14' E., along the E. bdy. sec. 25.
	Ascend abrupt S. slope of broken mountainous land, through dense timber and undergrowth.
0.60	Small spur, 15 ft. above cor., projects W.; descend abrupt N. slope.
1.80	Draw, 40 ft. below spur, drains W.; ascend abrupt S. slope.
7.52	Point for the closing cor. of secs. 30 and 31, hereinafter described.
9.20	Clay spur, 75 ft. above draw, projects W.; descend abrupt N. slope.
11.30	Ravine, 55 ft. below spur, drains W.; ascend abrupt S. slope.
14.55	Spur, 60 ft. above ravine, projects W.; descend abrupt N. slope.
16.40	Ravine, 60 ft. below spur, drains W.; ascend abrupt S. slope.
23.40	Spur, 100 ft. above ravine, projects W.; descend abrupt N. slope.
26.30	Ravine, 100 ft. below spur, drains W.; ascend abrupt S. slope.
35.60	Top of ascent on W. slope 110 ft. above ravine, bears E. and W.; descend abrupt N. slope.
39.76	On abrupt NW. slope; the original ¼ sec. cor. secs. 25 and 30, which is a sandstone, 12 x 14 x 18 ins., lying on ground, plainly marked ¼ on one face.
	From which:
	A juniper, 10 ins. diam., bears N. 7°30' E., 42 lks. dist., marked ¼ S30 BT.
	A juniper, 12 ins. diam., bears S. 16°30' W., 92 lks.

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains	
	dist., marked ¼ S25. BT.
	As this cor. becomes the ¼ sec. cor. sec. 25 only, I efface the marks on the bearing tree in sec. 30, and at the exact cor. point, with original cor. stone alongside.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 25 only, with brass cap marked ¼ S25 1931
	I take an additional bearing tree in sec. 25 as follows.
	A juniper, 14 ins. diam., bears N. 21°30' W., 57 lks. dist., marked ¼ S25 BT.
	Thence:
	N. 0°07' E., with continuous measurement.
44.80	Ravine, 70 ft. below top of ascent, drains W.; ascend abrupt S. slope.
47.50	Point midway bet. the closing cors. of secs. 19 and 30, and 30 and 31.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 30 only, with brass cap marked ¼ S30 1931
	From which:
	A juniper, 6 ins. diam., bears East, 6 lks. dist., marked ¼ S30 BT.
	A pinon, 16 ins. diam., bears S. 9°15' E., 45 lks. dist., marked ¼ S30 BT.
	Cor. set on abrupt S. slope.
52.00	Spur, 110 ft. above ravine, projects W.; descend abrupt N. slope.
64.60	Ravine, 170 ft. below spur, drains S. 80° W.; ascend abrupt SW. slope.

Chains	
75.70	Spur, 120 ft. above ravine, projects W., 4.00 chs. dist. to end; descend abrupt N. slope.
78.90	Ravine, 125 ft. below spur, drains W.; ascend abrupt S. slope.
79.52	On abrupt S. slope; the original cor. of secs. 19, 24, 25, and 30, which is a sandstone, 6 x 12 x 20 ins., loosely set in ground, plainly marked 2 notches on S. edge and 4 notches on N. edge.

From which:

A juniper, 6 ins. diam., bears N. 40° E., 97 lks. dist., marked T40S R7W S19 BT.

A pinon, 12 ins. diam., bears S. 80° E., 54 lks. dist., marked T40S R7W S30 BT.

A pinon, 7 ins. diam., bears S. 25°15' W., 98 lks. dist., marked T40S R8W S25 BT.

A juniper, 8 ins. diam., bears N. 19°15' W., 125 lks. dist., marked T40S R8W S24 BT.

As this cor. becomes the cor. of secs. 24 and 25 only, I efface the marks on the bearing trees in secs. 19 and 30, and at the exact cor. point, with original cor. ston[illegible] alongside.

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

T40S S24	T40S
R8W S25	R7W S30

1931

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

Soil, shallow blue clay and sandstone; 3rd rate.

Undergrowth, greasewood, shadscale, mountain rush, sage, service, buck, and bitter brush.

Timber, scrub juniper and pinon.

Fair grazing land.

Chains	
	N. 0°11' W., along the E. bdy. sec. 24.
	Ascend abrupt S. slope of broken mountainous land through dense timber and medium dense undergrowth.
2.00	Spur, 85 ft. above cor., projects W., 2.00 chs. dist. to end; descend abrupt NW. slope.
3.50	Ravine, 25 ft. below spur, drains W.; ascend gradual SW. slope.
7.96	Point for the closing cor. of secs. 19 and 30, hereinafter described.
8.40	Top of ascent on W. slope, 85 ft. above ravine, bears E. and W.; descend gradual NW. slope.
12.95	Ravine, 125 ft. below top of ascent, drains W.; ascend abrupt S. slope.
20.40	Top of ascent on W. slope, 50 ft. above ravine, bears E. and W.; descend gradual NW. slope.
23.10	Ravine, 50 ft. below top of ascent, drains S. 75° W.; continue along W. slope.
26.50	Top of low spur, 20 ft. above ravine, projects W.; descend gradually along W. slope.
29.00	Wash, 80 lks. wide, 15 ft. deep, in mouth of Reed Canyon, 85 ft. below spur, drains S. 60° W., about 3.00 chs. dist. to Muddy Creek. Small stream of alkali water in bottom of wash; gradually ascend along bottom lands through dense undergrowth.
39.98	On rolling bottom lands; the original ¼ sec. cor. of secs. 19 and 24, which is a sandstone, 3 x 8 x 14 ins. above ground, firmly set, marked ¼ on W. face, witnessed by a mound of stone, 2 ft. base, 1½ ft. high to the W. of the cor. monument.
	As this cor. becomes the ¼ sec. cor. of sec. 24 only, at the exact cor. point, with original cor. stone alongside.
	Set an iron post, 3 ft. long, 1 in. diam., 2½ ins. in the ground, for ¼ sec. cor. sec. 24 only, with brass cap marked

Chains

¼ S24
1931

From which:

A juniper, 5 ins. diam., bears N. 16°45' W., 90 lks. dist., marked ¼ S24 BT.

No other bearing tree available.

Thence:

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

47.94 Point midway bet. the closing cors. of secs. 18 and 19, and 19 and 30, on gradual S. slope, 30 ft. above the ¼ sec. cor. sec. 24.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 19 only, with brass cap marked

¼ S19
1931

From which:

A pinon, 7 ins. diam., bears N. 67°15' E., 45 lks. dist., marked ¼ S19 BT.

A juniper, 12 ins. diam., bears S. 58°30' E., 125 lks. dist., marked ¼ S19 BT.

Thence begin abrupt ascent over abrupt rocky SW. slope of mountain.

79.92 On abrupt SW. slope at base of ledge, 490 ft. above the ¼ sec. cor. sec. 19; the original cor. of secs. 13, 18, 19, and 24, which is a sandstone, 8 x 8 x 12 ins. above ground, firmly set, marked 3 notches on N. and S edges.

From which:

A pinon, 7 ins. diam., bears S. 24°15' E., 135 lks. dist., marked T40S R7W S19 BT.

A pinon, 24 ins. diam., bears S. 32°45' W., 16 lks. dist., marked T40S R8W S24 BT.

A juniper, 15 ins. diam., bears N. 80°15' W., 20 lks. dist., marked T40S R8W S13 BT.

Chains

As this cor. now becomes the cor. of secs. 13 and 24 only, I efface the marks on the bearing tree in sec. 18, and at the exact cor. point, with original cor. stone alongside. Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for cor. of secs. 13 and 24 only, with brass cap marked

T40S T40S
S13 | R7W
S24 |
R8W S19

1931

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

Soil, shallow blue clay, sand, and sandstone; 3rd rate.

Undergrowth, greasewood, rabbit, service, buck, and bitter brush.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 0°04' W., along the E. bdy. of sec. 13 .

Ascend abrupt SW. face of ledge, through dense timber and medium dense undergrowth.

0.90 Top of ledge, 30 ft. high, bears N. 5° W. and S. 10° E.; thence along ledgy W. slope of ledges.

8.00 Point for the closing cor. of secs. 18 and 19, hereinafter described.

17.60 Shallow draw of SW. slope of mountain, drains SW.; ascend abrupt S. slope.

40.05 On abrupt S. slope, 630 ft. above the cor. of secs. 13, and 24; the original ¼ sec. cor. of secs. 13 and 18, which is a sandstone, 6 x 16 x 8 ins. above ground, firmly set, marked ¼ on W. face.

From which:

A juniper, 16 ins. bears S. 36°15' E., 43 lks. dist., marked ¼ S18 BT.

A pinon, 20 ins. diam., bears S. 40° W., 34 lks. dist.,

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains

marked ¼ S13 BT.

As this cor. now becomes the ¼ sec. cor. of sec. 13 only, I efface the marks on the bearing tree in sec. 18, and at the exact cor. point, with original cor. stone alongside

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone, for ¼ sec. cor. sec. 13 only, with brass cap marked

¼ S13 | 1931

No other suitable bearing tree in sec. 13 available.

Thence:

N. 0°05' E., with continuous measurement.

40.60 Top of rim ledge, 20 ft. high, bears E. and W.; thence gradually descend along W. slope.

47.94 Point midway bet. the closing cors. of secs. 7 and 18 and 18 and 19, on gradual W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 18 only, with brass cap marked

| ¼ S18 | 1931

From which:

A juniper, 6 ins. diam., bears N. 30° E., 17 lks. dist., marked ¼ S18 BT.

A juniper, 14 ins. diam., bears S. 89° E., 4 lks. dist., marked ¼ S18 BT.

58.50 Base of descent on W. slope, 80 ft. below top of ledge, bears SW. and NE.; ascend abrupt S. slope.

76.00 Top of ascent on W. slope of mountain, 230 ft. above base of descent, bears SW., and E., about 2.00 chs. dist. to ridge which bears N. and S.; descend gradual NW. slope.

80.06 On W. slope, 45 ft. below top of ascent; the original cor. of secs. 7, 12, 13, and 18, which is a sandstone, 36 x 12 x 8 ins., loosely set in mound of stone, dimly

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains

marked 2 notches on N. edge and 4 notches on S. edge.
From which:
A pinon, 12 ins. diam., bears N. 37°30' E., 39 lks. dist., marked T40S R7W S7 BT.
A juniper, 10 ins. diam., bears S. 74°30' E., 16 lks. dist., marked T40S R7W S18 BT.
A juniper, 9 ins. diam., bears S. 26° W., 46 lks. dist., marked T40S R8W S13 BT.
A pinon, 11 ins. diam., bears N. 20°45' W., 35 lks. dist., marked T40S R8W S12 BT.
As this cor. becomes the cor. of secs. 12 and 13 only, I efface the marks on the bearing trees in secs. 7 amd 18, and at the exact cor. point with original stone alongside
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in theground, for cor. of secs. 12 and 13 only, with brass cap marked

T40S S12	T40S
R7W	
S13 R8W	S18

1931

Land, broken and mountainous, with a general southwesterly exposure and drainage.
Soil, shallow clay, sandstone, and ledge outcroppings; 4th rate.
Undergrowth, service, oak, bitter, and buck brush.
Timber, scrub juniper and pinon.
Fair grazing.

N. 0°13' E., along the E. bdy. of sec. 12.
Along W. slope of broken mountainous land through dense timber and scattered undergrowth.
6.30 Top of high main ridge, 10 ft. above cor., bears N. 10°W. and S. 5° E.; thence along E. slope of ridge near top.

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains	
7.82	Point for the closing cor. of secs. 7 and 18, hereinafter described.
12.50	Recross same ridge, bears N. 20° E. and S. 10° W.; descend gradual W. slope of ridge.
17.80	Base of descent on W. slope, 50 ft. below top of ridge, bears E. and W.; ascend gradually along W. slope.
28.20	Top of rise on W. slope, bears E. and W.
38.70	Top of rise on W. slope, 125 ft. above base of descent, bears E. and W.; continue along general W. slope.
40.17	On gradual NW. slope, 20 ft. below top of rise; the original ¼ sec. cor. of secs. 7 and 12, which is a sandstone, 18 x 8 x 6 ins. above ground, firmly set, marked ¼ on W. face.

From which:

A juniper, 16 ins. diam., bears S. 45° E., 43 lks. dist., marked ¼ S7 BT.

A juniper, 8 ins. diam., bears N. 31° W., 9 lks. dist., marked ¼ S12 BT.

As this cor. becomes the ¼ sec. cor. of sec. 12 only, I efface the marks on the bearing tree in sec. 7, and at the exact cor. point, with original cor. stone alongside.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 12 only, with brass cap marked

¼ S12 | 1931

I take an additional bearing tree in sec. 12 as follows.

A juniper, 10 ins. diam., bears S. 74° W., 41 lks. dist., marked ¼ S12 BT.

Thence:

N. 0°15' E., with continuous measurement.

47.82	On gradual W. slope, point midway bet. the closing cors. of secs. 6 and 7 and 7 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains	
	the ground, for ¼ sec. cor. sec. 7 only, with brass cap marked ¼ S7 1931
	From which:
	A juniper, 8 ins. diam., bears N. 20° E., 27 lks. dist., marked ¼ S7 BT.
	A pinon, 16 ins. diam., bears S. 1° E., 11 lks. dist., marked ¼ S7 BT.
	Thence gradually ascend along W. slope.
55.80	Top of spur, 100 ft. above the ¼ sec. cor. sec. 7, projects W.; descend abrupt N. slope. Timber becomes scattered and undergrowth dense, bears E. and W.
63.50	Gulch, 240 ft. below spur, drains N. 80° W.; ascend abrupt SW. slope.
70.40	Spur, 100 ft. above gulch, projects NW.; descend abrupt N. slope.
78.50	Gulch, 170 ft. below spur, drains NW.; ascend abrupt SW. slope.
79.78	On rocky SW. slope, 40 ft. above gulch; the original cor. of secs. 1, 6, 7, and 12, which is a sandstone, 8 x 10 x 24 ins. above ground, firmly set, plainly marked 1 notch on N. edge and 5 notches on S. edge:
	From which:
	A pinon, 10 ins. diam., bears N. 84° E., 82 lks. dist., marked T40S R7W S6 BT.
	A pinon, 8 ins. diam., bears S. 71° E., 30 lks. dist., marked T40S R7W S7 BT.
	A pinon, 10 ins. diam., bears S. 4°30' W., 95 lks. dist., marked T40S R8W S12 BT.
	A pinon, 10 ins. diam., bears N. 41° W., 62 lks. dist., marked T40S R8W S1 BT.
	As this cor. now becomes the cor. of secs. 1 and 12 only, I efface the marks on the bearing trees in secs. 6 and 7, and at the exact cor. point; with original cor. stone alongside.

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1 and 12 only, with brass cap marked T40S T40S S1 | R7W S12 | S7 R8W 1931
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow blue clay and rock; 3rd rate.
	Undergrowth, oak, buck, service, bitter, and sage brush.
	Timber, juniper and pinon.
	Fair grazing land.
	N. 0°02' E., along the E. bdy. of sec. 1.
	Ascend gradual SW. slope of broken mountainous land, through dense timber and undergrowth.
2.40	Low spur, 25 ft. above cor., projects N. 80° W., about 5.00 chs. dist. to end; descend abrupt N. slope.
8.04	Point for the closing cor. of secs. 6 and 7, hereinafter described.
12.20	Bottom of canyon, 250 ft. below spur, drains S. 80° W. from NE. Junction of gulch draining from the SE, bears E. of line, 1.00 chs. dist.; ascend abrupt rocky SE. and S. slopes.
40.10	Top of high spur ridge, 790 ft. above canyon, bears N. 53° E. and S. 53° W.; descend N. slope.
40.65	On N. slope, 10 ft. below top of ridge; the original ¼ sec. cor. of secs. 1 and 6, which is a sandstone, 12 x 8 x 6 ins. above ground, loosely set, plainly marked ¼ on W. face:
	From which:
	A pinon, 16 ins. diam., bears S. 64°30' E., 30 lks. dist., marked ¼ S6 BT.

Chains

As this cor. becomes the ¼ sec. cor. of sec. 1 only, I efface the marks on the bearing tree in sec. 6, and at the exact cor. point, with original cor. stone alongside.

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

¼ S1 | 1931

From which:

A pinon, 18 ins. diam., bears S. 78° W., 78 lks. dist., marked ¼ S1 BT.

No other suitable bearing tree available.

Thence:

N. 0°24' W., with continuous measurement.

48.04 Northing of 40.00 chs. from the closing cor. of secs. 6 and 7, on abrupt N. slope, 300 ft. below the ¼ sec. cor. of sec. 1.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 6 only, with brass cap marked

¼ S6 | 1931

From which:

A fir, 10 ins. diam., bears N. 12° E., 138 lks. dist., marked ¼ S6 BT.

No other suitable bearing tree available.

57.00 Approximate distance; ravine at base of abrupt descent, 200 ft. below the ¼ sec. cor. of secs. 6, drains SW.; ascend abrupt ledgy SW. and S. slopes of high mountain.

89.13 Point for the original closing cor. of T. 40 S., Rs. 7 and 8 W., (cor. monument and SE. bearing tree missing); point established from record course and distance from bearing tree, which is a juniper, 24 ins. diam., which bears S. 35°35' W., 137 lks. dist., marked CC T40S R8W S1 BT.

DEPENDENT RESURVEY OF THE W. BDY., T. 40 S., R. 7 W.

Chains

At the exact cor. point, set a sandstone, 24 x 12 x 10 ins., 18 ins. in the ground, marked WP on W. face for witness point.

Continue on same line with continuous measurement.

90.04 Intersect the S. bdy. of sec. 36, T. 39 S., R. 8 W., S. 87°33' W., 18.13 chs. dist. from the cor. of T. 39 S., Rs. 7 and 8 W., hereinafter described.

At point of intersection, on abrupt S. slope , 970 ft. above the 57.00 chs. point, and 70 lks. S. of top of high mountain, bears E. and SW.

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for closing cor. of T. 40 S., Rs. 7 and 8 W., with brass cap marked

T39S R8W
S36

S1 | S6
R8W | R7W
T40S
CC

1931

From which:

The original bearing tree to the original closing cor. of T. 40 S., Rs. 7 and 8 W., bears S. 21°30' W., 217 lks. dist.

I take an additional bearing tree as follows.

A juniper, 10 ins. diam., bears S. 27°15' E., 138 lks. dist., marked T40S R7W S6 CC BT.

Land, broken and mountainous, with a general westerly and southwesterly exposures and drainage.

Soil, shallow clay and rock; 3rd rate.

Undergrowth, service, oak, buck, maple, and bitter brush.

Timber, juniper, pinon, and fir.

Fair grazing land.

DEPENDENT RESURVEY OF THE N. BDY., T. 40 S., R. 7 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY A.J. STEWART JR., U.S. DEPUTY SURVEYOR IN 1883.

DEPENDENT RESURVEY OF N. BDY., T. 40 S., R. 7 W.

Chains	
	Random Lines.
	From the original cor. of secs. 32 and 33, T. 39 S., R. 7 W., hereinafter described.
	West, along the S. bdy. of sec. 32.
6.48	Fall 8 lks. S. of the original closing cor. of secs. 4 and 5, T. 40 S., R. 7 W., hereinafter described.
	Continue on same line with continuous measurement.
40.08	Fall 89 lks. S. of the original ¼ sec. cor. of secs. 5 and 32, hereinafter described.
	The course of this half mile therefore is N. 88°44' W., and the distance is 40.09 chs. chains.
	Offset to the ¼ sec. cor., thence West, with new measurement.
40.00	Find no trace of the original cor. of secs. 5, 6, 31, and 32.
	Continue on same line with continuous measurement.
80.77	Fall 106 lks. S. of the original ¼ sec. cor. of secs. 6 and 31, hereinafter described.
	The course of this line therefore is N. 89°15' W., and the proportionate distance for each half mile is 40.39 chs.
	Offset to the ¼ sec. cor., thence West, with new measurement.
40.16	Fall 35 lks. N. of the original cor. of T. 39 S., Rs. 7 and 8 W., hereinafter described.
	The course of this half mile therefore is S. 89°30' W., and the distance is 40.16 chs.

	West, along the S. bdy. of sec. 36, T. 39 S., R. 8 W.
18.11	Fall 169 lks. N. of the original closing cor. of T. 40 S., Rs. 7 and 8 W., heretofore described.
	Continue on same line for alinement only, and fall 162 lks. N. of the original ¼ sec. cor. of sec. 36.
	The course of the E. half mile of the S. bdy. of sec. 36, therefore is S. 87°33' W.

DEPENDENT RESURVEY OF THE N. BDY., T. 40 S., R. 7 W.

Chains	True Lines.
	The original cor. of secs. 32 and 33, T. 39 S., R. 7 W., is a sandstone, 10 x 8 x 4 ins., above ground, firmly set, marked 4 notches on E. edge and 2 notches on W. edge.
	From which:
	A juniper, 6 ins. diam., bears S. 45° E., 52 lks. dist., marked T39S R7W S32 and 33 BT.
	No other suitable bearing trees available.
	Thence:
	N. 88°44' W., along the S. bdy. of sec. 32.
	Descend gradually over broken W. slope of mountainous land through scattered timber and dense undergrowth.
6.48	Point for the closing cor. of secs. 4 and 5, T. 40 S., R. 7 W., hereinafter described.
7.60	Descent becomes abrupt, bears NE. and SW.
9.60	Gulch, 200 ft. below cor., drains S. 80° W., about 6:00 chs. dist. to Lydia's Canyon; thence along S. slope.
15.50	Top of small spur, 20 ft. above gulch, projects S.; descend gradually along W. slope. From this point an old log cabin, bears S., about 2.00 chs. dist.
16.60	Irrigation ditch, 5 lks. wide, 1 ft. deep, at E. edge of Lydia's Canyon, drains S.; thence across bottom lands of Lydia's Canyon.
16.90	Wagon road, bears N. and S.
18.80	Stream, 5 lks. wide, 1 ft. deep, in wash, 20 lks. wide, 10 ft. deep, in bottom of Lydia's Canyon, flows S.; dense undergrowth of willows along sides of wash. Continue over bottom lands of canyon.
19.90	Small spring of good water, bears S., 10 lks. dist.
20.00	West edge of Lydia's Canyon, bears N. and S.; ascend abrupt E. slope through dense tall brush.
35.30	Spur, 340 ft. above canyon, projects SE. Timber becomes dense and undergrowth scattered, bears NW. and SE. Thence gradually ascend along broken S. slope.

DEPENDENT RESURVEY OF THE N. BDY., T. 40 S., R. 7 W.

Chains	
40.09	On rocky S. slope, 40 ft. above spur, the original ¼ sec. cor. of secs. 5 and 32, which is a sandstone, 14 x 9 x 6 ins., loosely set in small mound of stone, marked ¼ on N. face.
	From which:
	A pinon, 15 ins. diam., bears N. 39°30' E., 13 lks. dist., marked ¼ S BT.
	A pinon, 12 ins. diam., bears S. 20° E., 17 lks. dist., marked ¼ S BT.
	As this cor. becomes the ¼ sec. cor. of sec. 32 only, I efface the marks on the bearing tree in sec. 5, and at the exact cor. point, with original monument alongside.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 32 only, with brass cap marked
	¼ S32
	1931
	I take an additional bearing tree in sec. 32 as follows.
	A pinon, 12 ins. diam., bears N. 54°30' W., 26 lks. dist., marked ¼ S32 BT.
	N. 89°15' W., with continuous measurement.
41.60	Top of ascent on S. slope, 20 ft. above cor., bears N. and S.; descend gradually along S. slope.
48.74	Easting of 40.00 chs. from the closing cor. of secs. 5, and 6, T. 40 S., R. 7 W.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¢ sec. cor. sec. 5 only, with brass cap marked
	¢ S5
	1931
	From which:
	A juniper, 14 ins. diam., bears S. 64° E., 262 lks. dist., marked ¢ S5 BT.

DEPENDENT RESURVEY OF THE N. BDY., T. 40 S., R. 7 W.

Chains

A red cedar, 5 ins. diam., bears S. 74° W., 130 lks. dist., marked ¢ S5 BT.

Cor. set in small depression on S. slope, 70 ft. below top of ascent, drains S.; ascend gradually along S. slope.

52.90 Top of ascent on S. slope, 20 ft. above cor., bears N. and S.; descend gradually along S. slope.

59.50 Draw, 60 ft. below top of ascent, drains S. 10° E.; ascend abrupt E. slope.

66.90 Top of ascent on S. slope, 160 ft. above draw, bears N. and S.; descend abrupt SW. slope.

79.00 Deep narrow draw, 175 ft. below top of ascent, drains S.; ascend abrupt E. slope.

80.00 Top of ascent on S. slope, 30 ft. above draw, bears N. and S.

80.48 Proportionate point, on SW. slope, 10 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone, for restored cor. of secs. 31 and 32, T. 39 S., R. 7 W., with brass cap marked

T39S R7W
S31 | S32

1931

From which:

A juniper, 8 ins. diam., bears N. 44°45' E., 62 lks. dist., marked T39S R7W S32 BT.

A pinon, 6 ins. diam., bears N. 1° W., 55 lks. dist., marked T39S R7W S31 BT.

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

Soil, shallow clay, black mountain loam, and rocky of sandstone formation; 3rd rate.

Undergrowth, oak, service, buck, and bitter brush.

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

Fair grazing land.

DEPENDENT RESURVEY OF THE N. BDY., T. 40 S., R. 7 W.

Chains	
	N. 89°15' W., along the S. bdy. of sec. 31.
	Descend gradually along S. slope, through scattered timber and dense undergrowth.
6.00	Stream of good water, 2 lks. wide, 3 ins. deep, in bottom of left fork of Lydia's Canyon, at mouth of canyon from S. 70° W., 40 ft. below cor., flows S. 70° E.; ascend gradually along SE. slope.
8.26	Point for the closing cor. of secs. 5 and 6, hereinafter described.
20.00	Top of ascent on S. slope, 200 ft. above stream, bears N. and S.; descend gradually along S. slope.
31.00	Canyon, 10 ft. below top of ascent, drains S. 80° E.; ascend gradually along N. slope near S. edge of canyon.
40.39	On gradual N. slope at S. edge of canyon; the original ¼ sec. cor. of secs. 6 and 31, which is a sandstone, 20 x 8 x 8 ins., loosely set in small mound of stone, marked ¼ on N. face, and unwitnessed.
	As this cor. becomes the ¼ sec. cor. of secs 31 only, at the exact cor. point, with original monument alongside.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 31 only, with brass cap marked
	¼ S31
	1931
	From which:
	A yellow pine, 45 ins. diam., bears N. 41°45' E., 64 lks. dist., marked ¼ S31 BT.
	A yellow pine, 48 ins. diam., bears N. 45° W., 134 lks. dist., marked ¼ S31 BT.
	Thence, S. 89°30' W., with continuous measurement.
42.38	Intersect a yellow pine, 36 ins. diam., which I mark with 2 notches on E. and W. faces for a line tree.
48.26	On abrupt N. slope, 60 ft. above bottom of canyon; westing of 40.00 chs. from the closing cor. of secs. 5 and 6.

DEPENDENT RESURVEY OF THE N. BDY., T. 40 S., R. 7 W.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 6 only, with brass cap marked

¼ S6

1931

From which:

A yellow pine, 5 ins. diam., bears S. 61°30' E., 11 lks. dist., marked ¼ S6 BT.

A yellow pine, 40 ins. diam., bears S. 73° W., 214 lks. dist., marked ¼ S6 BT.

58.80 Recross canyon, 10 ft. below cor., drains N. 80° E.; ascend gradually along S. slope.

63.00 Top of ascent on S. slope, 80 ft. above canyon, bears N. and S.; descend gradually along S. slope.

72.20 Recross bottom of canyon, 10 ft. below top of ascent, drains S. 80° E.; ascend abruptly over rocky NE. and E. slopes of high mountain.

80.55 On abrupt rocky NE. slope, 200 ft. above canyon; the original cor. of T. 39 S., Rs. 7 and 8 W., which is a sandstone, 7 x 7 x 6 ins. above ground, firmly set, marked with 6 grooves on N., S., E., and W. faces, and unwitnessed.

At the exact cor. point, with original monument alongside. Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of T. 39 S., Rs. 7 and 8 W., with brass cap marked

T39S
R8W | R7W
S36 | S31

S6
T40S R7W

1931

From which:

A fir, 4 ins. diam., bears S. 9° E., 60 lks. dist., marked BT.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY T.C. BAILEY, U.S. DEPUTY SURVEY, IN 1876.

From the cor. of secs. 26, 27, 34, and 35, hereinafter described.

West, on random line bet. secs. 27 and 34.

27.38 Intersect the witness cor. to the ¼ sec. cor. of secs. 27 and 34, and which is also the witness cor. to the cor. of secs. 27, 28, 33, and 34, hereinafter described. The course of this line therefore is West, and the distance is 27.38 chs.

Continue on same line with continueus measurement.

39.51 Point West, 12.13 chs. dist. from the witness cor. of secs. 27 and 34, and true point for the ¼ sec. cor. of secs. 27 and 34. Set temp. ¼ sec, cor.

79.51 Point West, 52.13 chs. dist. from the witness ¼ sec. cor. of secs. 27 and 34, and true point for the cor. of secs. 27, 28, 33, and 34. Set temp. point.

The course of this mile is therefore West, and the distance of the E. half mile is 39.51 chs. and the distance of the W. half mile is 40.00 chs.

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

South on random line bet. secs. 33 and 34.

Note: The original survey of this line was run on an offset and no ¼ sec. cor. was set for the ¼ sec, cor. of secs. 33 and 34.

79.52 Fall 77 lks. E. of the standard cor. of secs. 33 and 34, heretofore described.

The course of this mile therefore is, N. 0°33' E., and the proportionate distance for each half mile is 39.76 chs.

From the standard cor. of secs. 33 and 34.

N. 0°33' E., on true line bet. secs. 33 and 34.

Ascend abrupt S. slope of broken mountainous land, through

DEPENDENT RESURVEY OF THE N. BDY., T. 40 S., R. 7 W.

Chains	
	No other suitable bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow black mountain loam and clay, of sandstone formation; 3rd rate.
	Undergrowth, oak, service, maple, buck, and bitter brush.
	Timber, juniper, pinon, yellow pine, and fir.
	Good grazing land.
	S. 87°33' W., along the N. bdy. of sec. 6,
	Ascend abruptly over broken NE. and E. slope of mountainous land, through dense undergrowth and scattered timber.
7.72	On abrupt E. slope, 300 ft. above the township cor.; westing of 40.00 chs. from the ¼ sec. cor. of sec. 6.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots. 4 and 5, sec. 6, with brass cap marked
	5 | 4
	S 6
	T. 40 S
	1931
	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
	No suitable bearing trees available.
16.00	Top of divide on mountain bet. Lydia's Canyon, and Muddy Creek, 300 ft. above lot cor., bears N. and S. 20° E. From this point, a high spur ridge bears N. 80° W. Descend along abrupt S. slope.
18.13	The closing cor. of T. 40 S., Rs. 7 and 8 W., heretofore described.
	Continue on same line for alinement only and intersect the original ¼ sec. cor. sec. 36, T. 39 S., R. 8 W., which is as described in the official records.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 40 S., R. 7 W.

Chains

From which:

A pinon, 6 ins. diam., bears N. 67° E., 33 lks. dist., marked T40S R7W S27 BT.

A juniper, 18 ins. diam., bears S. 65° E., 22 lks. dist., marked T40S R7W S34 BT.

A pinon, 10 ins. diam., bears S. 79° W., 79 lks. dist., marked T40S R7W S33 BT.

A pinon, 8 ins. diam., bears N. 34° W., 50 lks. dist., marked T40S R7W S28 BT.

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

Soil, shallow blue clay and sandstone; 3rd rate.

Undergrowth, greasewood, shadscale, mountain rush, sage, oak, and buck brush.

Timber, juniper and pinon.

Fair grazing land.

The cor. of secs. 26, 27, 34, and 35, is a limestone, 12 x 10 x 8 ins., loosely set in ground and small mound of stone, marked 1 notch on S. edge and 2 notches on E. edge. Cor. is not witnessed. At the exact cor. point.

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

T40S R7W	
S27	S26
S34	S35

1927

From which:

A pinon, 10 ins. diam., bears N. 55° E., 186 lks. dist., marked T40S R7W S26 BT.

A juniper, 16 ins. diam., bears S. 49° E., 150 lks. dist., marked T40S R7W S35 BT.

No other suitable bearing trees available.

Chains	
	dense timber and scattered undergrowth.
5.40	Spur, 190 ft. above cor., projects E.; descend gradual NE. slope.
31.00	Small draw, 40 ft. below spur, drains SE.; enter dense undergrowth, bears NE. and SW. Thence ascend gradual SW. slope.
38.50	Spur, 40 ft. above draw, projects S. 70° E.; descend abrupt NE. slope.
39.76	On abrupt NE. slope of spur, 10 ft. below top; proportionate measurement.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked.
	¼ S33 | S34 1927
	From which:
	A juniper, 6 ins. diam., bears N. 79° E., 44 lks. dist., marked ¼ S34 BT.
	A juniper, 15 ins. diam., bears S. 48° W., 39 lks. dist., marked ¼ S33 BT.
56.00	Bottom of Calf Pasture Hollow, 230 ft. below the ¼ sec. cor. drains SE. Small stream of good water in bottom of hollow, 5 lks. wide, 3 ins. deep. Ascend abruptly over broken SE. slope.
68.30	Spur, 250 ft. above hollow, projects SW.; descend gradual NW. slope.
79.52	On gradual NW. slope, 20 ft. below spur.
	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
	T40S R7W S28 | S27 S33 | S34 1927

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	Cor. set ~~near~~ W. side of cultivated land, bears N. 30° E. and S. 30° W.
	Thence:
	West, on true line, bet. secs. 27 and 34.
	Across cultivated land.
5.50	Leave cultivated land, bears NW. and SE. Thence across rolling bottom of Long Valley.
7.90	Net wire fence, bears NW. and SE.
13.00	Center of State Highway from Glendale to Orderville, Ut., bears NE. and S. 30° W.
13.50	Six strand barbed wire fence, bears NE. and S.
14.20	Irrigation ditch, 5 lks. wide, 2 ft. deep, drains S.; enter cultivated land, bears N. and S.
19.30	Virgin River, stream of good water, 18 lks. wide, 5 ins. deep, in channel 150 lks. wide, 15 ft. deep, flows SW.; ascend gradually across cultivated land.
23.80	Irrigation ditch at W. side of cultivated land, 5 lks. wide, 2 ft. deep, drains S. 30° W. Cultivated land bears S. 30° W. and N. 30° E. Thence ascend abrupt SE. slope through dense timber and undergrowth.
27.38	The witness cor. to the ¼ sec. cor. of secs. 27 and 34, and to the cor. of secs. 27, 28, 33, and 34, which is a sandstone, 24 x 18 x 12 ins. loosely set in mound of stone, marked WC ¼ on N. face.
	From which:
	A pinon, limb, 6 ins. diam., bears N. 68° E., 54 lks. dist., marked ¼ SWC BT.
	A juniper, 10 ins. diam., bears S. 18° E., 27 lks. dist., marked ¼ SWC BT.
	I change this cor. to an angle point by marking the S. face of the stone, and the bearing trees AP.
	Continue on same line with continuous measurement.
32.00	Spur and base of bend in ledge, 200 ft. above river, spur, projects S., ledge which is 80 ft. high, bears N. 70° E. and N. 85° W.; descend abruptly along broken S. slope.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
39.00	Stream of good water, 2 lks. wide, 3 ins. deep, in draw, 40 ft. below spur, flows S. 60° E.; from the W.; thence along bottom of draw.
39.51	In bottom of draw on S. side of stream. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. secs. 27 and 34, with brass cap marked ¼ S27 / S34 1927 From which: A cottonwood, 12 ins. diam., bears N. 61° W., 143 lks. dist., marked ¼ S27 BT. No other suitable bearing trees available.
	Ascend gradually along bottom of draw.
48.00	Leave bottom of draw which drains E. from the NW. and ascend abrupt NE. slope.
54.10	Ascent becomes gradual, bears NE. and SW.
76.10	Spur, 250 ft. above stream, projects S.; descend gradual NW. slope.
79.51	The cor. of secs. 27, 28, 33, and 34, 60 ft. below spur.
	Land, broken and mountainous with a general southeasterly exposure and drainage on W. portion of mile; rolling bottom of Long Valley on E. portion of mile.
	Soil, shallow clay and sandstone on W. portion of mile; deep clay and sand loam on E. portion of mile; 1st and 3rd rates.
	Undergrowth, greasewood, shadscale, mountain rush, oak, service, buck, and sage brush.
	Timber, juniper and pinon.
	Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	From the cor. of secs. 26, 27, 34, and 35, heretofore described.
	North, on random line bet. secs. 26 and 27.
35.78	Fall 53 lks. W. of the original witness cor. to the ¼ sec. cor. of secs. 26 and 27, hereinafter described.
	The course of this line therefore is, N. 0°51' E., and the distance is 35.78 chs.
	Offset to cor. and continue N. with continuous measurement.
39.78	True point for the ¼ sec. cor. of secs. 26 and 27.
79.54	Fall 81 lks. W. of the original cor. of secs. 22, 23, 26, and 27, hereinafter described.
	The course of the N. half mile bet. secs. 26 and 27, therefore is N. 1°10' E., and the distance is 39.77 chs.
	Thence:
	From the cor. of secs. 26, 27, 34, and 35.
	N. 0°51' E., on true line bet. secs. 26 and 27.
	Across cultivated land, in Long Valley.
8.80	Net wire fence, bears NE. and SW.
9.30	State highway, bears NE. to Glendale, and SW. to Orderville, Utah.
9.75	Six strand barbed wire fence, bears NE. and SW.
14.50	Irrigation ditch, 5 lks. wide, 2 ft. deep, drains SW.
21.20	Net wire fence, bears N. 60° W. and S. 60° E.
23.90	Virgin River, stream of good water, 15 lks. wide, 8 ins. deep, in channel 200 lks. wide, 15 ft. deep, drains S. 35° W. Continue across bottom of Long Valley and cultivated land.
25.95	Four strand barbed wire fence, bears E. and W.
28.80	Irrigation ditch, 5 lks. wide, 2 ft. deep, drains W.
35.78	The original witness cor. to the ¼ cor. of secs. 26 and 27, which is a sandstone, 24 x 12 x 5 ins., firmly set in the ground, marked ¼ WC on W. face. Cor. has no accessories.
	I change this cor. to an angle point by marking the cor. monument AP on the E. face.

Chains

Thence, North, with continuous measurement.

35.90 Five strand barbed wire fence at N. side of cultivated land, bears N. 88° W. and S. 88° E.; ascend abrupt SW. slope through dense timber and undergrowth.

39.78 Point North, 4.00 chs. dist. from the witness cor. to the ¼ sec. cor., which point is record course and distance from the witness cor. to the true point for the ¼ sec. cor.

On abrupt SW. slope, 60 ft. above the angle point.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to the top, for ¼ sec. cor. secs. 26 and 27, with brass cap marked

¼
S27 | S26
1927

From which:

A juniper, 10 ins. diam., bears S. 17°30' E., 31 lks. dist., marked ¼ S26 BT.

A juniper, 6 ins. diam., bears N. 82°30' W., 52 lks. dist., marked ¼ S27 BT.

Thence, N. 1°10' E., with continuous measurement.

55.50 Old brush fence, bears E. and W.

62.00 Enter rolling top of bench, 380 ft. above the ¼ sec. cor., bears NW. and S. 30° E.; thence over rolling top of bench.

73.10 Wash, 25 lks. wide, 15 ft. deep, drains SE.

79.55 On rolling top of bench, at S. edge of cultivated land, bears NW. and SE.; the original cor. of secs. 22, 23, 26, and 27, which is a sandstone, 17 x 12 x 4 ins., loosely set, plainly marked 2 notches on S. and E. edges. Cor. is not witnessed.

At the exact cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside,

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains

for cor. of secs. 22, 23, 26, and 27, with brass cap marked

T40S R7W
S22 | S23
S27 | S26
1931

From which:

A juniper, 6 ins. diam., bears S. 36°30' W., 136 lks. dist., marked T40S R7W S27 BT.

No other suitable bearing trees available.

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

Soil, deep clay and sand loams; 1st and 2nd rates.

Undergrowth, rabbit, sage, oak, and service brush.

Timber, scrub juniper and pinon.

Good grazing lands

REESTABLISHMENT OF SURVEYS EXECUTED BY R.E.L. COLLIER, U.S. DEPUTY SURVEY, IN 1895.

North, on random line bet. secs. 22 and 23.

39.98 Intersect the ¼ sec. cor. of secs. 22 and 23, hereinafter described.

The course of this half mile therefore is, North, and the distance is 39.98 chs.

Continue on same line with continuous measurement.

79.43 Fall 7 lks. W. of the original cor. of secs. 14, 15, 22, and 23, hereinafter described.

The course of this half mile therefore is N. 0°06' E., and the distance is 39.45 chs.

Thence, from the cor. of secs. 22, 23, 26, and 27.

North, on true line bet. secs. 22 and 23.

Across cultivated land and rolling top of bench.

12.85 Net wire fence at N. side of cultivated land and bench, bears E. and W.; descend gradual N. slope.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains

13.40 Wagon road, bears E. and W.

21.00 Head of draw, 30 ft. below bench, drains E.; ascend gradual S. slope.

26.00 Spur, 30 ft. above head of draw, projects E.; descend gradual N. slope.

29.70 Draw, 50 ft. below spur, drains E.; ascend gradual S. slope.

33.70 Old brush fence, bears N. 70° W. and S. 70° E.

34.40 Spur, 60 ft. above draw, projects E.; descend abrupt NE. slope.

39.98 On abrupt NE. slope, 180 ft. below spur, the original ¼ sec. cor. of secs. 22 and 23, which is a sandstone, 12 x 10 x 6 ins., loosely set, marked ¼ on W. face.

From which:

A juniper, 8 ins. diam., bears N. 81° E., 46 lks. dist., marked ¼ S BT.

A juniper, 8 ins. diam., bears S. 55° W., 41 lks. dist., marked ¼ S BT.

At the exact cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor. secs. 22 and 23, with brass cap marked

¼
S22 | S23
1931

Thence:

N. 0°06' E., with continuous measurement.

49.30 Wash, 50 lks. wide, 35 ft. deep, in bottom of Bishop Canyon, 170 ft. below the ¼ sec. cor., drains S. 70° E.; thence across cultivated land in bottom of canyon.

54.50 Wagon road at N. side of canyon and cultivated land, bears E. and W.; ascend abruptly over broken S. slope.

79.43 On abrupt SE. slope, 700 ft. above bottom of canyon, the original cor. of secs. 14, 15, 22, and 23, which is a sandstone, 12 x 12 x 14 ins. above ground, firmly set,

Chains

marked 3 notches on S. edge and 2 notches on E. edge. From which:

A pinon, 7 ins. diam., bears N. 22°45' E., 34 lks. dist., marked T40S R7W S14 BT.

A pinon, 26 ins. diam., bears S. 28° E., 71 lks. dist., marked T40S R7W S23 BT.

A pinon, 15 ins. diam., bears S. 34°15' W., 59 lks. dist., marked T40S R7W S22 BT.

A pinon, 11 ins. diam., bears N. 33°45' W., 39 lks. dist., marked T40S R7W S15 BT.

At the exact cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T40S R7W	
S15	S14
S22	S23

1927

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

Soil, shallow sandy loam and clay, of sandstone formation; 2nd and 3rd rates.

Undergrowth, sage, oak, service, buck, and bitter brush.

Timber, juniper and pinon.

Fair grazing land.

West, on random line bet. secs. 15 and 22.

40.15 Fall 23 lks. S. of the original ¼ sec. cor. of secs. 15 and 22, hereinafter described.

The course of this half mile therefore is N. 89°40' W., and the distance is 40.15 chs.

Thence, from the cor. of secs. 14, 15, 22, and 23.

N. 89°40' W., on true line bet. secs. 15 and 22.

Chains	
	extend
	Ascend abrupt SE. slope of ledge and peak, through dense timber and undergrowth.
0.85	Top of sandstone ledge, 10 ft. high, bears N. 60° E. and N. 80° W., at top of S. point of elongated peak, 50 ft. above cor., bears N. and S.; descend abruptly over broken S. slope.
30.20	Wash, 30 lks. wide, 5 ft. deep, in bottom of draw, at the E. edge of cultivated land, 510 ft. below peak, drains S. 25° E.; thence across cultivated land.
31.70	Leave cultivated land, bears N. and S.; ascend abrupt E. slope.
34.70	Spur, 90 ft. above draw, projects S.; descend abrupt W. slope.
38.50	Draw, 40 ft. below spur, drains S.; ascend abrupt SE. slope.
40.15	On abrupt SE. slope, 40 ft. above draw, the original ¼ sec. cor. of secs. 15 and 22, which is a sandstone, 15 x 13 x 10 ins. above ground, firmly set, marked ¼ on N. face.
	From which:
	A juniper, 6 ins. diam., bears N. 9° E., 67 lks. dist., marked ¼ S15 BT.
	A juniper, 8 ins. diam., bears S. 31°15' W., 24 lks. dist., marked ¼ S22 BT.
	As this cor. becomes the ¼ sec. cor. of sec. 22 only, I efface the marks on the bearing tree in sec. 15, and at the exact cor. point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor. sec. 22 only, with brass cap marked
	¼ S22
	1931
	I take an additional bearing tree in sec. 22 as follows.
	A pinon, 5 ins. diam., bears S. 89°30' E., 42 lks. dist., marked ¼ S22 BT.

Chains	
	Land, broken and mountainous with a general southerly exposure and drainage.
	Soil, shallow clay and sand loam, sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, bitter, and buck brush.
	Timber, juniper and pinon, and a few scattered fir.
	Fair grazing land.
	REESTABLISHMENT OF SURVEYS EXECUTED BY T.C. BAILEY, U.S. DEPUTY SURVEYOR IN 1876.
	From the cor. of secs. 14, 15, 22, and 23, heretofore described.
	North, on random line bet. secs. 14 and 15.
	Note: The original survey of this line was run on an offset of 40.00 chs. to the E.
79.32	Fall 68 lks. W. of the original cor. of secs. 10, 11, 14, and 15, hereinafter described.
	The course of this line therefore is N. 0°29' E., and the proportionate distance for each half mile is 39.66 chs.
	Thence:
	From the cor. of secs. 14, 15, 22, and 23.
	N. 0°29' E., on true line bet. secs. 14 and 15.
	Ascend abrupt SE. slope of broken mountainous land, through dense timber and undergrowth.
0.50	Ascent becomes gradual, bears NE. and SW.
8.00	Top of ascent on E. slope of high point on spur, 100 ft. above cor., bears E. and W.; descend abruptly over broken NE. slope.
10.76	Net wire fence, bears E. and W.
35.40	Bottom of gulch, 650 ft. below top of ascent, drains E.; ascend abrupt SW. slope.
39.66	On abrupt SW. slope, 150 ft. above gulch; proportionate measurement.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 14 only, with brass cap marked

¼ S14
1930

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

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a mound of stone to top, for ¼ sec. cor. sec. 15 only, with brass cap marked

¼ S15
1930

Deposit a sandstone, 24 x 18 x 12 ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

57.00 Met wire fence, bears E. and W.

57.90 Spur, 590 ft. above the ¼ sec. cor. of sec. 14, projects S. 30° E.; timber becomes scattered, bears E. and W.; descend abrupt NE. slope.

79.32 On abrupt NE. slope, 550 ft. below spur; the original cor. of secs. 10, 11, 14, and 15, which is a sandstone, 24 x 12 x 12 ins. above ground, firmly set, marked 2 notches on E. edge and 4 notches on S. edge.

From which:

A juniper, 30 ins. diam., bears N. 35° E., 103 lks. dist., marked T40S R7W S11 BT.

A pinon, 8 ins. diam., bears S. 80° E., 123 lks. dist., marked T40S R7W S14 BT.

At the exact cor. point.

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

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	T40S R7W S10 | S11 S15 | S14 1930
	No other suitable bearing trees available.
	Land, broken and mountainous with a general easterly exposure and drainage.
	Soil, shallow blue clay and sandstone; 3rd rate.
	Undergrowth, sage, oak, service, buck, and bitter brush.
	Timber, juniper and pinon, and a few scattered fir.
	Fair grazing land.
	East, on random line bet. secs. 11 and 14.
39.91	Fall 25 lks. N. of the original ¼ sec. cor. of secs. 11 and 14, hereinafter described.
	The course of this half mile therefore is S. 89°39' E., and the distance is 39.91 chs.
	Continue on same line with continuous measurement.
79.80	Fall 11 lks. N. of the original cor. of secs. 11, 12, 13, and 14, hereinafter described.
	The course of this half mile therefore is N. 89°48' E., and the distance is 39.89 chs.
	Thence:
	From the cor. of secs. 10, 11, 14, and 15.
	S. 89°39' E., on true line bet. secs. 11 and 14.
	Descend abrupt NE. slope of broken mountainous land, through scattered timber and dense undergrowth.
7.70	Irrigation ditch at base of abrupt descent, 110 ft. below cor., drains S. 60° E. from N. 60° W. Thence across cultivated land in bottom of Lydia's Canyon, bears with ditch.
18.10	Stream of good water, 6 lks. wide, 4 ins. deep, in bottom of wash, 60 lks. wide, 20 ft. deep in Lydia's Canyon, flows S. 60° E.; continue across bottom of canyon.
30.06	Netwire fence, across mouth of Lydia's Canyon, bears N. 15° E. and S. 15° W. Thence across bottom of Long

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	Valley.
30.50	State highway, bears N. 15° E. to Panguitch, Utah, and S. 15° W. to Glendale, Utah.
31.05	Net wire fence, bears N. 15° E. and S. 15° W.
33.10	Virgin River, stream of good water, 15 lks. wide, 4 ins. deep, in channel, 150 lks. wide, 15 ft. deep, flows S. 15° W.; continue across cultivated land in bottom of Long Valley.
37.45	Leave cultivated land, bears N. 30° W. and S. 30° E.
38.06	Irrigation ditch, 5 lks. wide, 2 ft. deep, drains S. 30° E.; ascend gradual W. slope of broken mountainous land.
39.91	The original ¼ sec. cor. of secs. 11 and 14, which is a sandstone, 14 x 12 x 4 ins. above ground, firmly set, marked ¼ on N. face.
	From which:
	A juniper, 18 ins. diam., bears S. 52° E., 144 lks. dist., marked ¼ S BT.
	At the exact cor. point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor. secs. 11 and 14, with brass cap marked ¼ S11 / S14 1930
	No other suitable bearing trees available.
	Thence:
	N. 89°48' E., with continuous measurement.
41.20	Base of abrupt ascent over W. slope of high mountain, and enter dense timber, bears N. and S.
79.80	The original cor. of secs. 11, 12, 13, and 14, which is a sandstone, 10 x 8 x 6 ins. above ground, firmly set, marked 1 notch on E. edge and 4 notches on S. edge, witnessed by a mound of stone, 3 ft. base, 2 ft. high to the W. of the cor. monument.
	At the exact cor. point.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 11, 12, 13, and 14, with brass cap marked

T40S R7W	
S11	S12
S14	S13

1930

No suitable bearing trees available.

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

Soil, deep and shallow clay and sand loams; 2nd and 3rd rates.

Undergrowth, sage, oak, service, buck, and bitter brush.

Timber, juniper and pinon and a few scattered fir.

Good grazing land.

South on random line bet. secs. 13 and 14.

49.82 Fall 65 lks. E. of the witness cor. to the ¼ sec. cor. of secs. 13 and 14, hereinafter described. Witness cor. is set, 10 chains S. of the true point for the ¼ sec. cor.

The course of the N. half mile bet. secs. 13 and 14, therefore is S. 0°56' W., and the distance 39.82 chs.

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

79.69 Fall 10 lks. E. of the original cor. of secs. 13, 14, 23, and 24, hereinafter described.

The course from the true point for the ¼ sec. cor. to the witness cor., therefore is South, 10.00 chs. and from the witness cor. to the cor. of secs. 13, 14, 23 and 24, is S. 0°12' W., 29.87 chs.

Thence, from the cor. of secs. 11, 12, 13, and 14. S. 0°56' W., on true line, bet. secs. 13 and 14.

Descend abruptly over broken SW. slope of mountainous

Chains

land, through dense timber and undergrowth.

14.60 Draw, 340 ft. below cor., drains SW.; ascend gradual NW. slope.

17.00 Spur, 30 ft. above draw, projects SW.; descend gradual SE. slope.

26.80 Gulch, 100 ft. below spur, drains SW.; ascend abruptly over broken NW. slope.

39.82 On broken NW. slope, 140 ft. above gulch.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for restored ¼ sec. cor. secs. 13 and 14, with brass cap marked

¼
S14 | S13
1930

From which:

A pinon, 8 ins. diam., bears N. 78° E., 44 lks. dist., marked ¼ S13 BT.

A juniper, 10 ins. diam., bears N. 67° W., 18 lks. dist., marked ¼ S14 BT.

Thence,

South, with continuous measurement.

42.00 Spur, 30 ft. above the ¼ sec. cor., projects S. 60° W.; descend abrupt S. slope.

42.80 Top of white sandstone ledge, 80 ft. high, bears E. and W.

49.82 At base of abrupt descent, 180 ft. below spur, the original witness cor. to the ¼ sec. cor. secs. 13 and 14, which is a sandstone, 10 x 8 x 6 ins., firmly set, marked ¼ WC on E. face, and unwitnessed.

I change this cor. to an angle point by marking the corner monument AP on the W. face.

Thence:

S. 0°12' W., with continuous measurement, across bottom of wide draw.

51.90 Road, bears E. and W.; leave timber, bears with road.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains

54.50 Road, bears E. and W.

57.40 Wash, 100 lks. wide, 10 ft. deep, in bottom of wide draw, drains W.; continue across bottom lands of draw.

59.90 Enter dense timber at S. side of draw, bears N. 70° E. and S. 70° W.; ascend gradually over broken NW. slope.

79.69 The original cor. of secs. 13, 14, 23, and 24, which is a sandstone, 10 x 6 x 6 ins. firmly set, marked 1 notch on E. edge and 3 notches on S. edge.

From which:

A pinon, 14 ins. diam., bears N. 50° E., 28 lks. dist., marked T40S R7W S13 BT.

At the exact cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 13, 14, 23, and 24, with barss cap marked

T40S S14	R7W S13
S23	S24

1931

No other bearing trees available.

Soil, deep blue clay and sandstone; 3rd rate.

Undergrowth, greasewood, shadscale, sage, service, buck, and bitter brush.

Timber, scrub juniper and pinon.

Fair grazing land.

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

40.00 Find no trace of the original ¼ sec. cor.

Continue on same line with continuous measurement.

77.12 Fall 4.92 chs. S. of the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 40 S., R. 6 W.

of this group.

The course of this line therefore is N. 86°21' E., and the proportionate distance for each half mile is 38.64 chs.

Thence:

S. 86°21' W., on true line, bet. secs. 13 and 24.

Ascend gradual NE. slope of broken mountainous land through dense timber and undergrowth.

5.10 Spur, 60 ft. above cor., projects N. 20° W.; descend abrupt W. slope.

32.60 Draw, 250 ft. below spur, drains N. 20° W.; ascend gradual E. slope.

35.30 Spur, 50 ft. above draw, projects N.; descend gradual W. slope.

38.64 Proportionate measurement, on gradual W. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for restored ¼ sec. cor. of secs. 13 and 24, with brass cap marked

$$\frac{¼ \quad S13}{S24}$$

1931

from which:

A juniper, 6 ins. diam., bears N. 41° E., 24 lks. dist., marked ¼ S13 BT.

A juniper, 6 ins. diam., bears S. 49° E., 44 lks. dist., marked S24 BT.

39.00 Draw, 10 ft. below the cor., drains N. 30° W.; ascend gradual NE. slope.

54.60 Spur, 80 ft. above draw, projects NW.; descend gradual SE. slope.

77.28 The cor. of secs. 13, 14, 23, and 24, 100 ft. below spur. Land, broken and mountainous, with a general northwesterly exposure and drainage.

Soil, shallow blue clay and sandstone; 3rd rate.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	Undergrowth, sage, oak, service, buck, and bitter brush.
	Timber, scrub juniper and pinon.
	Fair grazing land.
	———
	REESTABLISHMENT OF SURVEYS EXECUTED BY R.E.L. COLLIER, U.S. DEPUTY SURVEYOR, IN 1895.
	From the cor. of secs. 11, 12, 13, and 14, heretofore described.
	North, on random line bet. secs. 11 and 12.
40.16	Intersect the original ¼ sec. cor. secs. 11 and 12, hereinafter described.
	The course of this line therefore is North, and the distance is 40.16 chs.
	Continue on same line with continuous measurement.
78.75	Intersect the original cor. of secs. 1, 2, 11, and 12, hereinsfter described.
	The course of this half mile therefore is North, and the distance is 38.59 chs.
	Thence, from the cor. of secs. 11, 12, 13, and 14.
	North, on true line bet. secs. 11, and 12.
	Descend abruptly over broken NW. slope of mountainous land, through dense timber and undergrowth.
26.50	Gulch, 460 ft. below cor., drains W.; ascend abrupt S. slope.
38.50	Spur, 440 ft. above gulch, projects SW.; descend gradually along broken W. slope.
40.16	On top of ledge, 40 ft. high, bears N. 30° E. and S. 20° W., the original ¼ sec. cor. of secs. 11 and 12, which is a sandstone, 10 x 8 x 8 ins. above ground, firmly set, marked ¼ on W. face.
	From which:
	A juniper, 10 ins. diam., bears N. 46°30' E., 58 lks. dist., marked ¼ S BT.
	A juniper, 11 ins. diam., bears S. 1°30' E., 31 lks. dist., marked ¼ S BT.

Chains	
	At the exact cor. point.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, with the original ¼ sec. cor. alongside, for ¼ sec. cor. secs. 11 and 12, with brass cap marked
	¼ S11 | S12 1930
	No suitable bearing tree in sec. 11 available.
	Continue on same line with continuous measurement.
61.70	Gulch, 380 ft. below spur, drains W.; ascend abrupt S. slope.
65.00	Spur, 150 ft. above gulch, projects W.; descend abrupt N. slope.
71.40	Draw, 210 ft. below spur, drains W.; ascend abrupt S. slope.
78.75	On abrupt SW. slope, 200 ft. above draw, the original cor. of secs. 1, 2, 11, and 12, which is a sandstone, 20 x 12 x 8 ins. above ground, firmly set, marked 1 notch on E. edge and 5 notches on S. edge.
	From which:
	A pinon, 11 ins. diam., bears N. 18°30' E., 56 lks. dist., marked T40S R7W S1 BT.
	A juniper, 14 ins. diam., bears S. 82°30' E., 47 lks. dist., marked T40S R7W S12 BT.
	A pinon, 10 ins. diam., bears S. 20°30' W., 26 lks. dist., marked T40S R7E S11 BT.
	A juniper, 15 ins. diam., bears N. 34°30' W., 30 lks. dist., marked T40S R7W S2 BT.
	At the exact cor. point.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 1, 2, 11, and 12, with brass cap marked

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	

T40S R7W

S2	S1
S11	S12

1930

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

Soil, shallow blue clay and sandstone; 3rd rate.

Undergrowth, sage, oak, service, buck, and bitter brush.

Timber, juniper and pinon and a few scattered fir.

Fair grazing land.

East, on random line bet. secs. 1 and 12.

39.04 Fall 5 lks. S. of the original ¼ sec. cor. of secs. 1 and 12, hereinafter described.

The course of this half mile therefore is N. 89°56' E. and the distance is 39.04 chs.

From the ¼ sec. cor., East, with continuous measurement.

77.04 Fall 5.73 chs. S. of the cor. of secs. 1 and 12, on the E. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 40 S., R. 6 W. of this group.

The course of this half mile therefore is, N. 81°26' E., and the distance is 38.43 chs.

Thence:

From the cor. of secs. 1, 2, 11, and 12.

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

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

0.75 Spur, 20 ft. above cor., projects SW.; descend abruptly over broken SE. slope.

8.50 Base of descent on S. slope, 130 ft. below spur, bears N. and S.; ascend abrupt SW. slope over ledges.

33.30 Ridge, 860 ft. above base of descent, bears N. 35° E. and S. 35° W.; descend abrupt SE. slope.

Chains

39.04 On broken SE. slope, 160 ft. below ridge; the original ¼ sec. cor. of secs. 1 and 12, which is a sandstone, 15 x 12 x 5 ins. above ground, firmly set, marked ¼ On N. face.

From which:

A pinon, 10 ins. diam., bears S. 30° E., 6 lks. dist., marked ¼ S BT.

A juniper, 7 ins. diam., bears N. 11° E., 11 lks. dist., marked ¼ S BT.

At the exact cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to the top, with the original cor. monument alongside, for ¼ sec. cor. of secs. 1 and 12, with brass cap marked

S1
¼
S12

1930

Thence, N. 81°25' E., with continuous measurement.

42.80 Base of descent on S. slope, 50 ft. below cor., bears E. and S.; ascend abruptly over broken SW. slope.

50.50 Top of sandstone ledge on top of ridge, 20 ft. high, 180 ft. above base of descent, bears NW. and SE.; descend gradually along broken NE. slope of ridge.

77.47 The cor. of secs. 1 and 12, T. 40 S., R. 7 W., on the E. bdy. of the township, 30 ft. below ridge, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey of T. 40 S., R. 6 W., of this group.

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

Soil, shallow blue clay and sandstone; 3rd rate.

Undergrowth, service, oak, and bitter brush.

Timber, juniper and pinon and a few scattered fir.

Fair grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	From the cor. of secs. 10, 11, 14, and 15, heretofore described.
	West, on random line bet. secs. 10 and 15.
39.98	Fall 7 lks. S. of the original ¼ sec. cor. of secs. 10 and 15, hereinafter described.
	The course of this half mile therefore is N. 89°54' W., and the distance is 39.98 chs.
	Continue on same line with continuous measurement.
79.69	Fall 5 lks. S. of the original cor. of secs. 9, 10, 15, and 16, hereinafter described.
	The course of this half mile therefore is, S. 89°58' W., and the distance is 39.71 chs.
	Thence:
	From the cor. of secs. 10, 11, 14, and 15.
	N. 89°54' W., on true line, bet. secs. 10 and 15.
	Ascend abrupt NE. slope of broken mountainous land, through scattered timber and dense undergrowth.
6.60	Top of ascent on N. slope, 190 ft. above cor., bears N. and S.; descend gradual NW. slope.
11.50	Draw, 50 ft. below top of ascent, drains N.; ascend abrupt NE. slope.
16.45	Spur, 100 ft. above draw, projects N.; descend abrupt NW. slope.
20.00	Draw, 115 ft. below spur, drains N. 20° E.; ascend abrupt NE. slope.
29.25	Top of ridge, 300 ft. above draw, bears SE. and NW.; descend gradual SW. slope.
29.75	Net wire fence, bears N. and S.
39.98	On SE. slope, 60 ft. below ridge; the original ¼ sec. cor. of secs. 10 and 15, which is a sandstone, 16 x 12 x 6 ins., loosely set, marked ¼ on N. face.
	From which:
	A juniper, 15 ins. diam., bears N. 59° W., 87 lks. dist., marked ¼ S BT.
	As this cor. becomes the ¼ sec. cor. of secs. 10 only,

Chains	
	at the exact cor. point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor. sec. 10 only, with brass cap marked.
	¼ S10
	1931
	I take an additional bearing tree in sec. 10 as follows.
	A juniper, 20 ins. diam., bears N. 33°15' E., 91 lks. dist., marked ¼ S10 BT.
	Thence:
	S. 89°58' W., with continuous measurement.
41.15	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and in a mound of stone to the top, for witness cor. to the ¼ sec. cor. sec. 15 only, with brass cap marked
	WC ¼ S15
	1931
	From which:
	A juniper, 14 ins. diam., bears S. 67° E., 57 lks. dist., marked WC ¼ S15 BT.
	A pinon, 4 ins. diam., bears S. 15°30' W., 48 lks. dist., marked WC ¼ S15 BT.
41.26	Easting of 40.00 chs. from the cor. of secs. 15 and 16; true point for the ¼ sec. cor. of sec. 15 falls on SW. face of sandstone outcropping, where it is impracticable to set a permanent cor.
44.50	Canyon, 30 ft. below the ¼ sec. cor. of sec. 10, drains S. 55° E.; ascend abruptly over broken NE. slope.
76.50	Top of high ridge, 560 ft. above canyon, bears NW. and SE.; descend abrupt rocky W. slope.
78.90	Net wire fence, bears NW. and SE.
79.69	On abrupt W. slope, 100 ft. below ridge; the original cor. of secs. 9, 10, 15, and 16, which is a sandstone,

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains

24 x 18 x 6 ins., loosely set, marked 4 notches on S. edge and 3 notches on E. edge.

From which:

A juniper, 24 ins. diam., bears S. 46° E., 33 lks. dist., marked T40S R7W S15 BT.

A juniper, 10 ins. diam., bears S. 51° W., 29 lks. dist., marked T40S R7W S16 BT.

A juniper, 10 ins. diam., bears N. 13° W., 39 lks. dist., marked T40S R7W S9 BT.

The NE. bearing tree had been destroyed.

As this cor. becomes the cor. of secs. 9 and 10 only, I efface the marks on the bearing trees in secs. 15 and 16, and at the exact cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for the cor. of secs. 9 and 10 only, with brass cap marked

T40S	R7W
S9	S10

S15

1931

I take a bearing tree in sec. 10 as follows.

A juniper, 12 ins. diam., bears N. 12° E., 94 lks. dist., marked T40S R7W S10 BT.

Land, broken and mountainous with a general northerly and southwesterly exposures and drainage.

Soil, shallow clay and sandstone; 3rd rate.

Undergrowth, sage, service, buck, oak, maple, and bitter brush.

Timber, scattered fir, juniper and pinon.

Fair grazing land.

North, on random line bet. secs. 9 and 10.

38.87 Fall 32 lks. E. of the original ¼ sec. cor. of secs. 9 and 10, hereinafter described.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	The course of this half mile therefore is N. 0°28' W., and the distance is 38.87 chs.
	From the ¼ sec. cor.
	N. 0°01' W., with new measurement.
40.00	Record distance; find no trace of the original cor. of secs secs. 3, 4, 9, and 10. Set temp. point.
	Continue on same line with continuous measurement,
79.66	Fall 11 lks. E. of the original ¼ sec. cor. of secs. 3 and 4, which is a sandstone, 10 x 10 x 4 ins. above ground, firmly set, marked and witnessed as described in the official records.

	From the temp. point for the cor. of secs. 3, 4, 9, and 10.
	East, on random line bet. secs. 3 and 10.
40.67	Fall 11 lks. S. of the original ¼ sec. cor. of secs. 3 and 10, which is a sandstone, 8 x 8 x 6 ins. above ground, firmly set, marked and witnessed as described in the official records.

	From the temp. cor. of secs. 3, 4, 9, and 10.
	West, on random line bet. secs. 4 and 9.
39.55	Fall 10 lks. N. of the original ¼ sec. cor. of secs. 4 and 9, hereinafter described.
	From the ¼ sec. cor., West, with continuous measurement.
79.20	Intersect the original cor. of secs. 4, 5, 8, and 9, hereinafter described.
	The course of the N. half mile bet. secs. 9 and 10, therefore is, N. 0°44' E., and the distance is 39.83 chs.
	The course of the S. half mile bet. secs. 3 and 4, therefore is N. 0°55' W., and the distance is 39.83 chs.
	The course of the W. half mile bet. secs. 3 and 10, therefore is S. 89°36' W., and the distance is 40.15 chs.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	The course of the E. half mile bet. secs. 4 and 9, therefore is, N. 89°54' W., and the distance is 40.07 chs.
	The course of the W. half mile bet. secs. 4 and 9, therefore is West, and the distance is 39.65 chs.
	Thence:
	From the cor. of secs. 9 and 10.
	N. 0°28' W., on true line bet. secs. 9 and 10.
	Ascend abrupt SW. slope of broken mountainous land, through dense timber and undergrowth.
2.55	Net wire fence, bears NW. and SE.
3.20	Ridge, 60 ft. above cor., bears NW. and SE.; descend abrupt NE. slope.
9.60	Head of draw, 90 ft. below ridge, drains S. 70° E.; ascend gradual S. slope.
14.30	Spur, 30 ft. above head of draw, projects N. 30° E.; descend abrupt NW. slope.
33.80	Ravine, 560 ft. below spur, drains N. 35° E.; ascend abrupt SE. slope.
38.87	On abrupt SE. slope, 50 ft. above ravine; the original ¼ sec. cor. of secs. 9 and 10, which is a sandstone, 10 x 10 x 6 ins. above ground, firmly set, marked ¼ on W. face,
	From which:
	A juniper, 20 ins. diam., bears S. 79° W., 34 lks. dist., marked ¼ S BT.
	A pinon, 10 ins. diam., bears N. 50°30' W., 84 lks. dist., marked ¼ S BT.
	At the exact cor. point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor. of secs. 9 and 10, with brass cap marked

¼

S9 | S10

1931

Chains	
	No suitable bearing trees in sec. 10 available.
	Thence, N. 0°44' E., with continuous measurement.
49.20	Spur, 120 ft. above cor., projects N. 70° E.; descend abrupt NW. slope.
52.60	Slope changes from the NW. to N.
55.00	Base of abrupt N. slope, bears E. and W.; descend gradually along E. slope.
60.00	Small depression, 280 ft. below spur, drains N. 80° E. to Lydia's Canyon; continue gradual descent along E. slope.
66.50	Net wire fence, bears SE. and N.
68.75	Same fence, bears NW. and S. Leave timber and undergrowth at S. side of Lydia's Canyon, bears NW. and SE.; thence across bottom of canyon. Canyon is 370 ft. below spur.
72.80	Stream of good water, 4 lks. wide, 3 ins. deep, in wash, 170 lks. wide, 20 ft. deep in bottom of Lydia's Canyon, flows SE.; continue across bottom lands of canyon.
78.20	Net wire fence, bears SE. and W.
78.40	Canyon road, bears E. and W.
78.70	In bottom of Lydia's Canyon; 35 ft. above stream; proportionate measurement.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the restored cor. of secs. 3, 4, 9, and 10, with brass cap marked

T40S R7W

S4	S3
S9	S10

1931

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

Also deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

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

Soil, shallow and deep clay and sandstone; 3rd rate.

Undergrowth, sage, oak, service, buck, and bitter brush.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains	
	Timber, juniper, pinon, and fir.
	Fair grazing land.
	N. 89°54' W., on true line bet. secs. 4 and 9.
	Across bottom lands of Lydia Canyon.
1.05	Leave bottom of canyon, bears NE. and SW.; enter dense undergrowth; ascend gradual SE. slope.
3.00	Top of ascent, on S. slope, 30 ft. above cor., bears N. and S.; descend gradual SW. slope.
5.70	Road and enter bottom of Lydia's Canyon, bears NW. and SE.; thence across bottom lands of canyon.
5.85	Net wire fence, bears NW. and SE.
7.50	Stream of good water, 5 lks. wide, 6 ins. deep, in channel, 150 lks. wide, 15 ft. deep, drains SE.; continue across bottom of canyon.
12.50	Leave bottom of canyon, and fence, bears N. 30° W. and SE.; ascend abrupt E. slope through dense undergrowth.
18.50	Low spur, 90 ft. above stream, projects NE., 2.00 chs. dist. to end; descend gradual W. slope.
21.00	Small draw, 20 ft. below spur, drains N. 20° E.; ascend gradual N. and E. slope.
40.07	On NE. slope, 460 ft. above sec. cor; the original ¼ sec. cor. of secs. 4 and 9, which is a sandstone, 10 x 14 x 4 ins. above ground, firmly set, marked ¼ on N. face; witnessed by a mound of stone, 2 ft. base, 1½ ft. high to the N. of the cor. monument .
	At the exact cor. point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, with brass cap marked
	¼ S4 / S9 1931
	Thence,

Chains	
	West, with continuous measurement.
42.70	Top of flat spur, 30 ft. above cor., projects N.; descend gradual NW. slope.
51.00	Enter medium dense timber, bears NE. and SW.
55.10	Bottom of canyon, 185 ft. below spur, drains NE.; ascend abrupt rocky SE. slope.
79.72	On abrupt rocky SE. slope, 560 ft. above canyon; the original cor. of secs. 4, 5, 8, and 9, which is a sandstone, 18 x 8 x 6 ins., loosely set, marked 4 notches on E. edge and 5 notches on S. edge.

From which:

A pinon, 8 ins. diam., bears N. 72° E., 38 lks. dist., marked T40S R7W S4 BT

A juniper, 7 ins. diam., bears S. 13°45' E., 25 lks. dist., marked T40S R7W S9 BT.

A pinon, 12 ins. diam., bears S. 59°30' W., 62 lks. dist., marked T40S R7W S8 BT.

A juniper, 8 ins. diam., bears N. 69°30' W., 14 lks. dist., marked T40S R7W S5 BT.

As this cor. becomes the cor. of secs. 4 and 9 only, I efface the marks on the bearing trees in secs. 5 and 8, and at the exact cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock and in a mound of stone to top, with the original cor. monument alongside, for cor. of sec. 4 and 9 only, with brass cap marked

T40S | R7W
S4
S8 | S9
1931

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

Soil, shallow clay and sandstone; 3rd rate.

Undergrowth, sage, oak, maple, service, buck, and bitter brush.

DEPENDENT RESURVEY OF SUBDIVISION, T. 40 S., R. 7 W.

Chains

Timber, juniper, pinon, and fir,
fair grazing land.

North, on random line bet. secs. 4 and 5.

39.69 Fall 17 lks. W. of the original ¼ sec. cor. of secs. 4 and 5, hereinafter described.

The course of this half mile therefore is N. 0°15' E., and the distance is 39.69 chs.

From the ¼ sec. cor., North, with continuous measurement.

83.63 Fall 3 lks. E. of the original closing cor. of secs. 4 and 5, hereinafter described.

The course of this line therefore is N. 0°02' W., and the distance is 43.94 chs.

Thence:

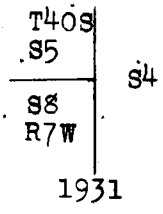
From the cor. of secs. 4 and 9.

N. 0°15' E., on true line, along the W. bdy. of sec. 4.

Ascend abrupt rocky SE. slope, through dense timber and scattered undergrowth.

2.47 Northing of 80.00 chs. from the cor. of secs. 8 and 17.

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



From which:

A juniper, 10 ins. diam., bears S. 19° W., 38 lks. dist., marked T40S R7W S8 BT.

A pinon, 8 ins. diam., bears N. 65° W., 32 lks. dist., marked T40S R7W S5 BT.

Cor. set at base of sandstone rim, 10 ft. high, bears NE. and SW.

4.00 Spur, 130 ft. above cor. of secs. 4 and 9, projects NE.; descend abrupt NW. slope. Leave timber and enter

Chains

dense undergrowth, bears NE. and SW.

28.15 Trail, bears NE. and SW.

34.00 Canyon, 700 ft. below spur, drains N. 80° E. A few scattered large yellow pine along bottom of canyon. Ascend abrupt rocky S. slope.

37.50 Net wire fence, bears E. and W.

39.69 On top of low flat spur, projects E., 100 ft. above canyon; the original ¼ sec. cor. of secs. 4 and 5, which is a sandstone, 20 x 12 x 4 ins., firmly set, marked ¼ on W. face, witnessed by a mound of stone, 2 ft. base, 1½ ft. high to the W. of the cor. monument.

As this cor. becomes the ¼ sec. cor. of sec. 4 only, at the exact cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor. of sec. 4 only, with brass cap marked

¼ S4
1931

I remove the mound of stone from the W. side to the E. side of the cor.

Thence:

N. 0°02' W., with continuous measurement.

Descend gradual NE. slope.

42.47 Northing of 40.00 chs. from the cor. of secs. 5 and 8;

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 5 only, with brass cap marked

¼ S5
1931

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

44.35 Old wire fence, bears E. and W.

49.00 Leave undergrowth and enter bottom of Lydia's Canyon, bears NW. and SE.; thence across bottom of canyon.

Chains	
49.50	Stream of good water, 5 lks. wide, 6 ins. deep, in wash, 100 lks. wide, 8 ft. deep, in bottom of Lydia's Canyon, 130 ft. below the ¼ sec. cor. sec. 4, flows SE.; thence across cultivated land.
52.60	Wagon road at the N. edge of canyon and cultivated land, bears NW. and S. 80° E.; ascend abrupt rocky SW. slope through dense timber and undergrowth.
62.50	Top of ascent on SW. slope, timber becomes scattered, bears NW. and SE.; thence ascend gradually along W. slope.
77.00	Begin gradual descent along W. slope, 290 ft. above canyon, bears E. and W.
82.50	Small ravine, 10 ft. deep, drains W.
83.63	The original closing cor. of secs. 4 and 5, which is a sandstone, 18 x 18 x 5 ins. above ground, firmly set, marked 4 notches on E. edge, 2 notches on W. edge, and CC on S face. Witnessed by two bearing trees.
	I change this cor. to a witness point by marking the cor. monument WP on S. face.
83.69	Intersect the S. bdy. of sec. 32, T. 39 S., R. 7 W., at N. 88°44' W., 6.48 chs. dist. from the cor. of secs. 32 and 33, heretofore described.
	At point of intersection, on gradual W. slope.
	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

T39S R7W
S32

S5 | S4
T40S R7W
C C

1931

From which:

A yellow pine, 30 ins. diam., bears S. 28°30' E., 283 lks. dist., marked T40S R7W S4 CC BT.

A yellow pine, 30 ins. diam., bears S. 43°15' W., 217 lks. dist., marked T40S R7W S5 CC BT.

Chains	
	Land, broken and mountainous with a general northerly and southerly exposure and drainage.
	Soil, shallow clay and sandstone; 3rd rate.
	Undergrowth, oak, maple, buck, service, and bitter brush.
	Timber, juniper, pinon, fir, and yellow pine.
	Fair grazing land.

SUBDIVISION OF, T. 40 S., R. 7 W.

	From the cor. of secs. 11, 12, 13, and 14, heretofore described.
	N. 86°10' E., on random line bet. secs. 12 and 13.
38.50	Set temp. ¼ sec. cor. for sec. 12 only.
40.10	Set temp. ¼ sec. cor. for sec. 13 only.
77.00	Intersect the E. bdy. of the township, 16 lks. S. of the restored cor. of secs. 12 and 13, T. 40 S., R. 7 W., which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official records of the survey T. 40 S., R. 6 W., on this group.
	Thence:
	S. 86°03' W., on true line, bet. secs. 12 and 13.
	Across cultivated land in bottom of draw.
2.50	Wash, 35 lks. wide, 20 ft. deep, in draw, drains S.; leave cultivated land and ascend abrupt SE. slope of mountainous land, through dense timber and undergrowth.
9.00	Spur, 80 ft. above cor., projects S. 30° W.; descend gradual NW. slope.
13.60	Draw, 80 ft. below spur, drains S.; ascend abrupt E. slope.
19.00	Spur, 100 ft. above draw, projects S. 30° E.; descend abruptly over broken SW. slope.
25.40	Draw, 60 ft. below spur, drains SE.; ascend abruptly over broken E. slope.
33.00	Spur, 150 ft. above draw, projects S. 10° E.; descend

SUBDIVISION OF T. 40 S., R. 7 W.

Chains	
	gradually over broken SW. slope.
36.90	On broken SW. slope, 60 ft. below spur; easting of 40.00 chs. from the cor. of secs. 11, 12, 13, and 14.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 13 only, with brass cap marked
	¼ S13
	1927
	From which:
	A pinon, 8 ins. diam., bears S. 51°30' E., 42 lks. dist., marked ¼ S13 BT.
	A pinon, 18 ins. diam., bears S. 49° W., 95 lks. dist., marked ¼ S13 BT.
38.50	Proportionate measurement; on broken SW. slope, 80 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 12 only, with brass cap marked
	¼ S12
	1927
	From which:
	A juniper, 18 ins. diam., bears N. 57° E., 69 lks. dist., marked ¼ S12 BT.
	A pinon, 18 ins. diam., bears N. 67° W., 27 lks. dist., marked ¼ S12 BT.
40.00	Draw, 30 ft. below the ¼ sec. cor. of sec. 13, drains S.; ascend abruptly over broken SE. slope.
66.70	Top of high point on spur, 450 ft. above draw, projects SW.; descend gradually over broken NW. slope.
77.00	The cor. of secs. 11, 12, 13, and 14, 100 ft. below spur.
	Land, broken and mountainous, with a general southwesterly exposure and drainage.

SUBDIVISION OF T. 40 S., R. 7 W.

Chains	
	Soil, shallow blue clay and sandstone; 3rd rate.
	Undergrowth, sage, oak, service, buck, and bitter brush.
	Timber, juniper and pinon.
	Fair grazing land.
	From the cor. of secs. 27, 28, 33, and 34, heretofore described.
	West, on a sectional correction line, bet. secs. 28 and 33.
	Descend abrupt W. slope of broken mountainous land, through dense timber and undergrowth.
3.90	Draw, 90 ft. below cor., drains S.; ascend abrupt E. slope.
7.00	Spur, 70 ft. above draw, projects S.; descend abrupt W. slope.
15.60	Wash, 40 lks. wide, 35 ft. deep, in bottom of Calf Pasture Hollow, 180 ft. below spur, drains S. 25° E.; small stream of good water, 2 lks. wide, 1 in. deep, in bottom of wash; ascend abruptly over broken E. slope.
19.70	Old brush fence, bears N. and S.
22.80	Ascent becomes gradual, bears N. and S.
32.00	Wood road on top of ridge, 350 ft. above stream, bears N. 10° W. and S. 10° E.; descend abrupt W. slope.
37.50	Gardner Hollow, 100 ft. below ridge, drains S. 20° E.; ascend gradual E. slope.
40.00	On broken E. slope, 40 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
	$\frac{S28}{\frac{1}{4} \quad S33}$
	1927
	From which:
	A juniper, 6 ins. diam., bears S. 30° W., 16 lks. dist., marked ¼ S33 BT.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	A pinon, 6 ins. diam., bears N. 75° W., 6 lks. dist., marked ¼ S28 BT.
61.25	Wood road, bears N. 20° E. and S. 20° W.
70.80	Rolling top of ridge, 200 ft. above the ¼ sec. cor., bears N. and S.; descend gradual W. slope.
72.40	Wood road, bears SE. and NW.
77.60	Descent becomes abrupt, bears N. and S.
80.00	On abrupt W. slope, 130 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 28, 29, 32, and 33, with brass cap marked

T40S R7W
S29 | S28
S32 | S33.

1927

From which:

A pinon, 10 ins. diam., bears N. 65° E., 57 lks. dist., marked T40S R7W S28 BT.

A pinon, 10 ins. diam., bears S. 37° E., 70 lks. dist., marked T40S R7W S33 BT.

A pinon, 6 ins. diam., bears S. 7° W., 53 lks. dist., marked T40S R7W S32 BT.

A pinon, 8 ins. diam., bears N. 6° W., 25 lks. dist., marked T40S R7W S29 BT.

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

Soil, blue clay and sandstone; 3rd rate.

Undergrowth, sage, oak, service, buck, bitter and manzanita brush.

Timber, juniper and pinon and a few scattered fir.

Fair grazing land.

South on true line, bet. secs. 32 and 33.

Descend gradually along broken W. slope of broken

Chains	
	mountainous land, through dense timber and undergrowth.
25.10	Gulch, 240 ft. below cor., drains S. 35° E.; ascend gradually along broken NE. slope.
38.20	Top of ascent, 100 ft. above gulch, bears NE. and SW.; descend gradually along broken SE. slope.
40.00	On broken SE. slope, 10 ft. below top of ascent. 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 | S33 1927 From which: A pinon, 5 ins. diam., bears S. 37° E., 11 lks. dist., marked ¼ S33 BT. A pinon, 5 ins. diam., bears S. 59° W., 21 lks. dist., marked ¼ S32 BT. Continue gradual descent along broken SE. slope.
82.84	The standard cor. of secs. 32 and 33, heretofore described, 50 ft. below the ¼ sec. cor.
	Land, broken and mountainous with a general southeasterly exposure and drainage.
	Soil, shallow blue clay and sandstone; 3rd rate.
	Undergrowth, sage, buck, service, manzanita, and bitter brush.
	Timber, juniper and pinon and few scattered fir.
	Fair grazing land.

	From the cor. of secs. 28, 29, 32, and 33.
	West, on random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.00	Set temp. point for the cor. of secs. 29, 30, 31, and 32.
	From the temp. point for the cor. of secs. 29, 30, 31, and 32.
	South, on random line bet. secs. 31 and 32.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
40.00	Set temp. ¼ sec. cor.
80.00	Set temp. cor. for lots. 1, 11, and 12.
86.26	Intersect the Eighth Standard Parallel South, 10 lks. E. of the standard cor. of secs. 31 and 32, heretofore described.
	Thence, from the standard cor. of secs. 31 and 32.
	N. 0°01' W., on true line, bet. secs. 31 and 32.
	Ascend abrupt SW. slope of broken mountainous land, through dense timber and undergrowth.
1.00	Clay spur, 50 ft. above cor., slopes off abruptly S. 80° W.; descend abruptly along broken W. slope.
3.10	Slope changes from abrupt W. slope to abrupt N. slope.
6.26	Southing of 80.00 chs. from the cor. of secs. 29, 30, 31, and 32.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 11, and 12, with brass cap marked

S31 | S32
11 | 1
12 |
1931

From which:

A juniper, 7 ins. diam., bears S. 41° W., 31 lks. dist., marked S31 L12 BT.

A pinon, 14 ins. diam., bears N. 5°30' W., 30 lks. dist., marked S31 L11 BT.

11.20	Slope changes from abrupt N. slope to gradual W. slope, bears NE. and SW.
16.00	Small branch draw, 20 ft. deep, drains W., and heads 5.00 chs. dist. to the E.
23.90	Wash, 80 lks. wide, 2 ft. deep, in bottom of Cove Canyon, 3.00 chs. wide and 315 ft. below spur, drains S. 30° W.; ascend abrupt SE. slope.
32.00	Top of ascent on E. slope, 1 chain E. of the S. point of a spur projecting from N. 20° W., 90 ft. above canyon; descend gradual E. slope.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
35.90	Hollow, 60 ft. below top of ascent, drains SE. to canyon and heads N. 30° W., about 15.00 chs. dist.; ascend abrupt SW. slope.
42.00	Point 50 lks. W. of bend in top of spur, projects S. 10° E. from the N. Thence ascend gradually along abrupt W. slope.
46.26	On abrupt clay and rocky W. slope, 155 ft. above hollow. 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 1931 From which: A juniper, 15 ins. diam., bears S. 58° W., 181 lks. dist., marked ¼ S31 BT. No suitable bearing tree available in sec. 32.
48.00	Small depression on W. slope, drains SW., ascend abrupt S. slope.
50.75	Enter rolling top of bench spur, 120 ft. above the ¼ sec. cor., bears N. 30° W., and E., 1 chains dist. to rim of sharp clay spur, projecting S. Leave blue clay formation and enter sandstone formation, bears with top of spur; thence across rolling top of bench spur.
68.70	Top of ascent on E. slope of bench spur, 65 ft. above the 50.75 chs. point, bears N. 50° W. and SE.; descend gradually along E. slope.
78.50	Leave top of bench spur, and descend abrupt E. slope, bears N. 20° W. and SE.
86.26	Fall 12 lks. W. of the temp. cor. of secs. 29, 30, 31, and 32. On abrupt E. slope, 135 ft. below top of ascent. 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

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	T40S R7W S30 | S29 S31 | S32 1931
	From which:
	A juniper, 9 ins. diam., bears N. 71°15' E., 27 lks. dist., marked T40S R7W S29 BT.
	A pinon, 8 ins. diam., bears S. 46°30' E., 102 lks. dist., marked T40S R7W S32 BT.
	A juniper, 11 ins. diam., bears S. 39°45' W., 70 lks. dist., marked T40S R7W S31 BT.
	A juniper, 20 ins. diam., bears N. 62°45' W., 74 lks. dist., marked T40S R7W S30 BT.
	Land, broken and mountainous, with a general easterly and westerly exposure and a general southerly drainage.
	Soil, clay and sandy loam; sandstone formation, with surfacerock and rim ledges.
	Undergrowth, sage, service, buck, manzanita, bitter, and oak brush.
	Timber, juniper and pinon.
	Fair grazing land.
	From the cor. of secs. 28, 29, 32, and 33.
	West, on sectional correction line, bet. secs. 29 and 32.
	Descend abrupt W. slope of broken mountainous land, through dense timber and undergrowth.
0.50	Sandstone rim, 25 ft. high, faces W. and bears S., and N., about 3.00 chs. dist. to gulch.
2.00	Bottom of main gulch, 90 ft. below cor., drains S. A vertical rim, 25 ft. high, across gulch, bears N., about 3.00 chs. dist. Ascend abrupt rocky E. slope.
3.90	Vertical sandstone rim, 30 ft. High, faces E., bears NE. and SW.; continue abrupt ascent.
8.60	Top of abrupt ascent on E. slope, bears NW. and SE.; thence ascend gradual SE. slope.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
16.50	Begin gradual ascent over rolling E. slope of ridge, bears N. and S.
27.80	Top of ascent on W. edge of ridge, 275 ft. above main gulch, bears N. 20° E. and S. 20° W.; descend abrupt NW. slope.over ledges.
36.50	Base of abrupt descent, bears NE. and SW.; descend gradual SW. slope of bench.
40.06	On W. edge of bench, 345 ft. below ridge, bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S29 / S32 1931 From which: A pinon, 9 ins. diam., bears S. 55°30' E., 21 lks. dist., marked ¼ S32 BT. A juniper, 14 ins. diam., bears N. 20° E., 23 lks. dist., marked ¼ S29 BT. Thence descend abrupt SW. clay slope.
45.90	Wash, 1 chain wide, 3 ft. deep, in bottom of Cove Canyon, 150 ft. below the ¼ sec. cor., drains S. 15° W. The junction of the right and left forks of this canyon, bears N., 3.00 chs. dist.; ascend abrupt broken E. and NE. slope.
49.00	Top of abrupt ascent from canyon, bears N. 20° W. and S.; thence ascend gradual E. slope.
58.50	Slope changes from gradual E. to gradual S. slope, bears NW. and SE., 410 ft. above canyon; thence along S. slope.
71.00	Top of W. edge of low flat spur, slopes SE.; from high spur to the NW.; SE. point of vertical ledge, 50 ft. high, facing SW, bears N., 3.00 chs. dist; descend broken grey clay SW. slope.
78.35	Bottom of deep narrow gulch, 175 ft. below spur, drains

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	SE.; ascend abrupt rocky E. slope.
80.12	The cor. of secs. 29, 30, 31, and 32, 40 ft. above gulch. Land, broken and mountainous with abrupt E. and W. slopes, with a general southerly drainage. Soil, clay and sandy loams; sandstone formation, with surfacerock and rims; 3rd rate. Undergrowth, sage, oak, service, manzanita, and bitter brush. Timber, juniper and pinon and a few scattered fir. Fair grazing land.

	West, on sectional correction line, bet. secs. 30 and 31. Ascend abrupt E. slope of rocky mountainous land, through dense timber and scattered undergrowth.
10.00	Base of nearly vertical sandstone ledge facing E., 135 ft. high, bears N. and S.
11.30	Top of ledge, bears N. and S.; continue abrupt ascent over E. slope.
15.90	Top of E. edge of spur ridge, bears N. 20° W. and S. 20° E.; ascend along top of ridge.
17.90	Top of ascent on W. edge of ridge, 525 ft. above sec. cor., bears N. 20° W. and projects S. 30° E., about 10.00 chs. dist. to point where it slopes off into bench; descend abrupt W. slope.
21.50	Top of vertical sandstone rim facing W., 100 ft. high, bears N. 30° W., and SE. about 10.00 chs. dist. to S. point of high spur. From base of ledge, descend abrupt broken W. slope over blue clay which is nearly barren.
29.00	Wash 20 lks. wide, 15 ft. deep, in bottom of deep blue clay hollow, 510 ft. below ridge, drains S. Ascend abrupt E. slope of bench through dense timber.
38.40	Top of abrupt ascent from gulch, bears N. and S.; thence ascend gradual E. and SE. slopes of bench.
40.00	On gradual SE. slope of bench, 185 ft. above gulch.

Chains

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

¼ S30 / S31

1931

From which:

A pinon, 20 ins. diam., bears N. 44°30' E., 43 lks. dist., marked ¼ S30 BT.

A juniper, 14 ins. diam., bears S. 16°30' W., 45 lks. dist., marked ¼ S31 BT.

Continue over rolling E. and SE. slopes of bench.

52.50 Top of spur, 130 ft. above the ¼ sec. cor., projects S. 30° E. from N. 30° W., about 6.00 chs. to S. point of high ledge point, 100 ft. high, facing SW.; thence along S. slope.

54.50 Rocky point on S. slope at head of gulch to the S.; continue along abrupt S. slope over blue clay formation.

62.50 Sharp clay spur, 20 ft. below last spur, projects S. 30° W. from N. 60° E. A small spur projecting N. 85° W., takes offclay spur, 50 lks. to the S. of line; descend abrupt general W. slope, along top of spur.

70.00 Top of W. point of spur; thence descend abrupt general W. slope.

80.00 On W. slope, 490 ft. below spur at the 52.50 chs. point. Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to solid rock and in a mound of stone to top, for cor. of lots 1, 2, 7, and 8, sec. 31 / sec. 30, with brass cap marked

S30 / 7,8 / 2,1 / S31

1931

From which;

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	A juniper, 15 ins. diam., bears N. 78° E., 99 lks. dist., marked S30 L8 BT.
	A juniper, 15 ins. diam., bears S. 30°30' E., 106 lks. dist., marked S31 L1 BT.
	A juniper, 14 ins. diam., bears S. 63°15' W., 107 lks. dist., marked S31 L2 BT.
	A pinon, 6 ins. diam., bears N. 22°15' W., 16 lks. dist., marked S30 L7 BT.
81.90	Junction of gulches from NE. and S. 80° E., 40 ft. below cor., drains SW., 4.00 chs. dist., thence W.; ascend gradually along S. base of spur and N. edge of gulch.
90.58	On gradual S. slope, 20 ft. above junction of gulches; intersect the W. bdy. of the township, N. 0°14' E., 7.52 chs. dist. from the cor. of secs. 25 and 36, heretofore described.
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap marked

T40S T40S
S30
S25 ——CC
S31
R8W R7W

1931

From which:

A pinon, 9 ins. diam., bears N. 74°15' E., 65 lks. dist., marked T40S R7W S30 CC BT.

A pinon, 7 ins. diam., bears S. 49°30' E., 29 lks. dist., marked T40S R7W S31 CC BT.

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

Soil, shallow, clay and sandy loam; sandstone formation; 3rd rate.

Undergrowth, sage, oak, service, buck, and bitter brush.

Timber, juniper and pinon and a few scattered fir.

Fair grazing land.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	From the cor. of secs. 22, 23, 26, and 27, heretofore described.
	West, on random line, bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.00	Set temp. point for the cor. of secs. 21, 22, 27, and 28.
	From the temp. point for the cor. of secs. 21, 22, 27, and 28.
	South, on random line bet. secs. 27 and 28.
40.00	Set temp. ¼ sec. cor.
79.54	Fall 46 lks. E. of the cor. of secs. 27, 28, 33, and 34, heretofore described.
	Thence:
	From the cor. of secs. 27, 28, 33, and 34.
	North, on true line, bet. secs. 27 and 28.
	Ascend gradual SW. slope of broken mountainous land, through dense timber and undergrowth.
6.80	Small draw, 25 ft. deep, drains S. 35° W.; continue gradual ascent.
17.50	Spur, 100 ft. above cor., projects SW.; descend gradual NW. slope.
19.50	Draw, 40 ft. below spur, drains SW.; ascend gradual SE. slope.
29.05	Three strand barbed wire fence, bears NE. and SW.; thence along W. slope.
39.77	On broken W. slope, 150 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked.

¼
S28 | S27
1927

From which:

A pinon, 8 ins. diam., bears N. 28° E., 20 lks. dist., marked ¼ S27 BT.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	A pinon, 8 ins. diam., bears N. 36° W., 41 lks. dist., marked ¼ S28 BT.
45.60	Top of ascent on abrupt W. slope, 20 ft. above cor., bears E. and W.; descend gradually along NW. slope.
54.00	Draw, 80 ft. below top of ascent, drains SW.; ascend gradually over broken SE. slope.
62.20	Spur, 100 ft. above draw, projects SW.; descend abrupt NW. slope.
66.40	Head of gulch, 80 ft. below spur, drains SW.; ascend SE. slope over ledges.
72.80	Spur, 190 ft. above head of gulch, projects SW.; descend abruptly over broken NW. slope.
78.50	Gulch, 110 ft. below spur, drains SW.; ascend abrupt S. slope.
79.54	On abrupt S. slope, 60 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a mound of stone, to top, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

T40S R7W	
S21	S22
S28	S27

1927

From which:

A juniper, 8 ins. diam., bears N. 8° E., 50 lks. dist., marked T40S R7W S22 BT.

A juniper, 14 ins. diam., bears S. 69°30' E., 26 lks. dist., marked T40S R7W S27 BT.

A pinon, 3 ins. diam., bears S. 1° W., 48 lks. dist., marked S28 BT.

A juniper, 12 ins. diam., bears N. 29° W., 42 lks. dist., marked T40S R7W S21 BT.

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

Soil, shallow clay and sand; sandstone formation; 3rd rate.

SUBDIVISION OF T. 40 S., R. 7 W.

Chains	
	Undergrowth, sage, oak, service, buck, and bitter brush.
	Timber, juni er and pinon and a few scattered fir.
	Fair grazing land.
	From the cor. of secs. 22, 23, 26, and 27.
	West, on true line, bet. secs. 22 and 27.
	Over rolling mountainous land through dense undergrowth.
6.10	Wash, 30 lks. wide, 15 ft. deep, drains S. 30° E.; continue over rolling land.
20.00	Net wire fence, bears NE. and SW. Thence ascend abrupt NE. slope through dense timber, bears NW. and SE.
31.90	Spur, projects S. 70° E. from the W.; thence along top of spur.
36.90	Top of sandstone ledge, 10 ft. high, bears NW. and S. 60° E.; leave top of spur, 250 ft. above cor., projects E. from NW.; descend abrupt SW. slope.
40.23	On abrupt SW. slope, 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 / S27 / 1927
	From which:
	A juniper, 12 ins. diam., bears N. 30° E., 16 lks. dist., marked ¼ S22 BT.
	A juniper, 8 ins. diam., bears S. 1° E., 65 lks. dist., marked ¼ S27 BT.
45.00	Draw, 70 ft. below the ¼ sec. cor., drains S. 30° E.; ascend abrupt E. slope.
66.40	Ridge, 400 ft. above draw, bears N. and S.; descend abrupt W. slope.
80.46	The cor. of secs. 21, 22, 27, and 28, 470 ft. below ridge.
	Land, broken and mountainous with a general southeasterly exposure and drainage.
	Soil, shallow clay and sand; sandstone formation; 3rd rate.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	Undergrowth, sage, oak, service, manzanita, buck, and bitter brush.
	Timber, juniper and pinon and a few scattered fir.
	Fair grazing land.
	North, bet. secs. 21 and 22.
	Ascend abrupt SW. slope of broken mountainous land, through dense timber and undergrowth.
24.30	Top of high peak on ridge, 590 ft. above cor., bears N. 30° W. and E.; descend abrupt NE. slope.
37.20	Draw, near head, 290 ft. below ridge, drains S. 75° E.; ascend abrupt SE. slope.
39.40	On abrupt S. slope, 70 ft. above draw; southing of 40.00 chs. from the cor. of secs. 15 and 22.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. of secs. 22 only, with brass cap marked ¼ S22 1927
	From which:
	A pinon, 8 ins. diam., bears N. 26° E., 102 lks. dist., marked ¼ S22 BT.
	A pinon, 6 ins. diam., bears S. 12° E., 35 lks. dist., marked ¼ S22 BT.
40.00	On abrupt S. slope, 80 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 21 only, with brass cap marked ¼ S21 1927
	From which:
	A pinon, 8 ins. diam., bears S. 1°30' W., 68 lks. dist., marked ¼ S21 BT.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	A pinon, 8 ins. diam., bears N. 65° W., 13 lks. dist., marked ¼ S21 BT.
51.00	Top of same ridge, 260 ft. above the ¼ sec. cor. of sec. 21, bears N. 35° E., and S. 35° W.; thence along broken W. slope of peak on top of ridge.
57.00	Recross same ridge, 20 ft. below last crossing, bears N. 30° W. and S. 30° E.; descend abruptly over broken NE. slope. Leave timber, bears NW. and SE.
79.40	On broken NE. slope of ridge, 400 ft. below top; point West from the ¼ sec. cor. of secs. 22 only.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 15 and 22, only, with brass cap marked.
	T40S | R7W S21 | S15 | S22 1927.
	Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).
80.00	On abrupt NE. slope, 25 ft. below the cor. of secs. 15 and 22.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 16 and 21 only, with brass cap marked
	T40S | R7W S16 | S15 S21 | 1927
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, broken and mountainous with a general southerly and northerly exposure, and easterly drainage.
	Soil, shallow blue clay; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, mansanita, and bitter brush.
	Timber, juniper and pinon and a few scattered fir.
	Fair grazing land.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	From the ¼ sec. cor. on the N. bdy. of sec. 22, heretofore described.
	West, on true line, bet. secs. 15 and 22, on independent resurvey line,
	Ascend abrupt E. slope of broken mountainous land, through dense timber and undergrowth.
0.45	Easting of 40.00 chs. from the cor. of secs. 15 and 22; on abrupt E. slope, 10 ft. above the ¼ sec. cor. of sec. 22.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 15 only, with brass cap marked ¼ S15 1931
	From which:
	A juniper, 12 ins. diam., bears N. 44°15' E., 26 lks. dist., marked ¼ S15 BT.
	A pinon, 8 ins. diam., bears N. 19° W., 41 lks. dist., marked ¼ S15 BT.
4.70	Spur, 15 ft. above the ¼ sec. cor. of sec. 22, projects S.; descend gradual SW. slope.
6.90	Enter cultivated land, bears NW. and SE.
11.75n	Leave cultivated land, bears N. 60° W. and S. 60° E.
13.30	Wash, 30 lks. wide, 15 ft. deep, in bottom of Bishop Canyon, 30 ft. below spur, drains S. 70° E.; ascend abrupt NE. slope.
20.87	Fall 3 lks. N. of the original witness cor. to the cor. of secs. 15, 16, 21, and 22, which is a sandstone, 30 x 18 x 8 ins. above ground, loosely set, marked /3 notches on S. and E. edges and WC on W. face.
	From which:
	A juniper, 10 ins. diam., bears N. 77°30 E., 39 lks. dist., marked WC T40S R7W S15 BT.
	A juniper, 5 ins. diam., bears S. 59° E., 12 lks.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	dist., marked WC T40S R7W S22 BT.
	A juniper, 6 ins. diam., bears S. 35° W., 65 lks. dist., marked T40S R7W S22 BT.
	A pinon, 8 ins. diam., bears N. 30° W., 40 lks. dist., marked T40S R7W S15 BT.
	I change this cor. to a witness point by marking the cor. monument and the bearing trees WP.
	Continue on same line, with continuous measurement.
40.45	The cor. of secs. 15 and 22, 475 ft. above bottom of Bishop Canyon.
	Land, broken and mountainous with a general northeasterly exposure and drainage.
	Soil, shallow blue clay; sandstone formation; 3rd rate.
	Undergrowth; sage, oak, service, manzanita, buck, and bitter brush.
	Timber, juniper and pinon.
	Fair grazing land.
	From the cor. of secs. 16 and 21.
	North, bet. secs. 15 and 16.
	Descend abrupt N. slope of broken mountainous land, through dense undergrowth.
12.20	Draw, 300 ft. below cor., drains E.; ascend abrupt S. slope, entering dense timber.
16.70	Spur, 90 ft. above draw, projects S. 75° E.; descend gradual NE. slope.
25.30	Draw, 60 ft. below spur, drains SE.; ascend abruptly over broken SW. slope.
39.40	On W. slope near bottom of ravine draining S. 10° W., 190 ft. above canyon; northing of 40.00 chs. from the cor. of secs. 15 and 22.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. of sec. 15 only, with brass cap marked

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	1/4 S15 1927
	From which:
	A juniper, 18 ins. diam., bears N. 1° E., 34 lks. dist., marked 1/4 S15 BT.
	A juniper, 15 ins. diam., bears S. 85° E., 12 lks. dist., marked 1/4 S15 BT.
40.00	Near bottom of ravine.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for 1/4 sec. cor. of sec. 16 only, with brass cap marked
	1/4 S16 1927
	From which:
	A pinon, 8 ins. diam., bears S. 48° W., 50 lks. dist., marked 1/4 S16 BT.
	A pinon, 10 ins. diam., bears N. 43° W., 44 lks. dist., marked 1/4 S16 BT.
42.00	Small ravine, drains S. 10° W.; continue abrupt ascent over broken S. slope.
60.50	Spur, 570 ft. above the 1/4 sec. cor. of sec. 15, projects S. 60° W.; descend abruptly over broken NW. slope.
65.30	Head of ravine, 180 ft. below spur, drains W.; ascend abruptly over broken SW. slope.
78.70	On abrupt SW. slope, 200 ft. above head of ravine; intersect the S. bdy. of sec. 9, 157 lks. W. of the cor. of secs. 9 and 10, heretofore described.
	At point of intersection:
	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 15 and 16 only, with brass cap marked

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains

89

S16 T40S | S15 R7W

1931

From which:

A juniper limb, 12 ins. diam., bears S. 55° E., 57 lks. dist., marked T40S R7W S15 BT.

A juniper, 10 ins. diam., bears S. 70° W., 47 lks. dist., marked T40S R7W S16 BT.

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

Soil, shallow clay; sandstone formation; 3rd rate.

Undergrowth, sage, oak, service, manzanita, buck, and bitter brush.

Timber, juniper and pinon and a few scattered fir.

Fair grazing land.

From the cor. of secs. 28, 29, 32, and 33, heretofore described.

N. 0°01' W., bet. secs. 28 and 29.

Ascend gradually along rocky W. slope of broken mountainous land, through dense timber and undergrowth.

10.50 Small branch draw, 20 ft. deep, drains SW. about 5.00 chs. dist., thence S.; ascend abruptly over broken S. slope.

22.25 Old dim road, bears SE., and NW. about 10.00 chs. dist. to end.

32.50 Ridge, 265 ft. above cor., bears SE. about 10 chs. dist., thence S., and NW., about 5.00 chs. dist., thence N.; descend gradually along rolling NE. slope. Timber becomes scattered, bears SE. and NW.

40.00 On gradual NE. slope, 10 ft. below ridge.

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

¼

S29 | S28

1931

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	From which:
	A juniper, 14 ins. diam., bears S. 58° E., 28 lks. dist., marked ¼ S28 BT.
	A juniper, 10 ins. diam., bears N. 81°30' W., 39 lks. dist., marked ¼ S29 BT.
	Continue gradual descent over NE. slope.
41.45.	Small depression on NE. slope, near head, drains E. thence over rolling E. slope, about 4.50 chs. to the E. of ridge.
54.00.	Leave rolling E. slope and begin gradual ascent over SE. slope of ridge, bears NE. and S. 10° W.
61.15	Ridge, 140 ft. above the ¼ sec. cor., bears S. 30° W., and NE. for 5.00 chs. dist., thence N.; thence descend gradually along ledgy W. slope of ridge, 5 chains W. of top and about 10.00 chs. E. of Right Fork of Cove Canyon.
70.80	Head of depression on W. slope, 50 ft. deep, drains S. 85° W. to canyon.
76.80	Depression near head, 60 ft. deep, drains S. 80° W.
79.50	Top of small rise on abrupt W. slope, bears E. and W.
80.00	On gradual W. slope, 25 ft. below ridge.
	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

T40S | R7W
S20	S21
S29	S28

1931

	From which:
	A juniper, 8 ins. diam., bears N. 32°30' E., 46 lks. dist., marked T40S R7W S21 BT.
	A juniper, 12 ins. diam., bears S. 29°15' E., 44 lks. dist., marked T40S R7W S28 BT.
	A juniper, 12 ins. diam., bears S. 22°15' W., 90 lks. dist., marked T40S R7W S29 BT.

BOOK A-509

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	A juniper, 14 ins. diam., bears N. 4° W., 79 lks. dist., marked T40S. R7W S20 BT.
	From this cor., top of high point on ridge, bears S. 79° W., about ½ mile dist.
	Land, broken and mountainous, with a general easterly and westerly exposure and drainage.
	Soil, shallow clay; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper and pinon and a few scattered fir.
	Fair grazing land.

	East, on random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect the N. and S. line, 50 lks. N. of the cor. of secs. 21, 22, 27, and 28.
	Thence:
	N. 89°39' W., on true line, bet. secs. 21 and 28.
	Descend abrupt rocky W. slope of broken mountainous land through dense timber and undergrowth.
6.20	Bottom of deep, narrow, rocky , gulch, 165 ft. below cor., drains S., for about 5.00 chs. dist., thence SW.; ascend abrupt SE. slope.
12.50	Top of ascent on bench, 180 ft. above gulch, bears N. and SW.; thence across bench, which slopes S. and SW.
18.60	Leave top of bench, bears N. and S.; descend abrupt W. slope.
25.00	Enter bottom of Calf Pasture Hollow, bears N. and S.; thence across bottom of hollow. Leave timber bears N. and
28.20	Small stream of fair water, 1 lk. wide, 2 ins. deep, in wash, 80 lks. wide, 15 ft. deep, in bottom of Calf Pasture Hollow, 275 ft. below bench, flows S.; continue across bottom of hollow.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
30.00	Leave bottom of hollow and enter dense timber, bears N. and S.; thence ascend gradual E. slope.
39.00	Low spur, projects SE., 6.00 chs. dist. to end.
39.58	On abrupt W. slope of spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the ¼ sec. cor., with brass cap marked
	WC ¼ S21 / S28 / 1931
	From which:
	A juniper, 11 ins. diam., bears S. 34°45' E., 55 lks. dist., marked WC ¼ S28 BT.
	A juniper, 12 ins. diam., bears N. 51° W., 29 lks. dist., marked WC ¼ S21 BT.
	Thence descend over broken W. and SW. faces of ledges.
39.99	True point for the ¼ sec. cor. falls on abrupt W. face of ledges, where it is impracticable to set cor.
40.50	Bottom of narrow box draw, 60 ft. deep, drains SE. from the W.; thence along bottom of draw.
42.75	Leave bottom of draw, 40 ft. deep, with vertical clay and sandstone banks, drains E. from S. 80° W.; thence ascend abruptly along S. slope.
48.70	Recross bottom of draw, drains S. 85° E.; ascend abrupt N. and NE. slopes.
62.80	Recross bottom of draw near head, drains N. 80° E.; thence ascend abrupt E. slope.
73.80	Top of narrow rocky ridge, 660 ft. above Calf Pasture Hollow, bears N. and S.; descend abrupt W. slope.
79.98	The cor. of secs. 20, 21, 28, and 29, 210 ft. below ridge.
	Land, broken and mountainous with a general southerly exposure and drainage.
	Soil, shallow clay and sand; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, and bitter brush.

SUBDIVISION OF, T. 40 S., R. 7 W.

Timber, juniper, pinon, and a few scattered fir.
Fair grazing.

N. 0°01' W., bet. secs. 20 and 21.

Ascend gradually over broken W. slope of mountainous land, through dense timber and undergrowth.

Line follows approximately 10 chains E. of deep, canyon and 10 chains W. of high ridge.

19.80 Small branch ravine on W. slope, drains W., about 7.00 chs. dist. to canyon.

32.00 Small branch ravine, drains W., about 8.00 chs. dist. to canyon.

40.00 On abrupt rocky W. slope, about 6.00 chs. E. of canyon.

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

¼
S20 | S21
1931

From which:

A juniper, 12 ins. diam., bears S. 70° E., 11 lks. dist., marked ¼ S21 BT.

A juniper, 10 ins. diam., bears N. 15° W., 87 lks. dist., marked ¼ S20 BT.

Thence ascend abruptly along broken W. slope.

43.50 Vertical white sandstone ledge facing S., bears NW. and E.

69.50 Ridge, 430 ft. above the ¼ sec. cor., bears N. 35° W. and S. 10° E.; descend abrupt NE. slope.

80.00 On abrupt rocky E. slope, 185 ft. below ridge.

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

T40S. R7W.
S17 | S16
S20 | S21
1931

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	From which:
	A juniper, 10 ins. diam., bears N. 17° E., 34 lks. dist., marked T40S R7W S16 BT.
	A pinon, 10 ins. diam., bears S. 12° E., 24 lks. dist., marked T40S R7W S21 BT.
	A juniper, 8 ins. diam., bears S. 11°45' W., 67 lks. dist., marked T40S R7W S20 BT.
	A pinon, 14 ins. diam., bears N. 42°30' W., 68 lks. dist., marked T40S R7W S17 BT.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow clay and sandstone; sandstone formation; 3rd. rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper and pinon and a few scattered fir.
	Fair grazing land.
	S. 89°39' E., on random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the N. and S. line, 35 lks. S. of the cor. of secs. 16 and 21.
	Thence:
	N. 89°54' W., on true line, bet. secs. 16 and 21.
	Descend abrupt N. slope of broken mountainous land, through dense timber and undergrowth.
6.60	Small branch draw on N. slope, 130 ft. below cor., drains N.; ascend abruptly along N. slope.
17.30	Top of rise on N. slope, 230 ft. draw, bears N. and S.; descend gradually along N. slope.
23.60	Small depression on N. slope, 10 ft. below rise, drains N.; ascend abruptly along N. slope.
28.70	Ascent becomes gradual, bears N. and S.

Chains	
32.00	Top of high ridge, 190 ft. above depression, bears N. 60° W. and S. 60° E.; thence over rolling top of ridge.
38.00	Top of W. edge of ridge, bears N. 60° W. and S. 60° E.; descend abrupt rocky SW. slope.
39.97	On broken SW. slope, 30 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S16 / S21 1931 From which:
	A juniper, 14 ins. diam., bears N. 88° E., 9 lks. dist., marked ¼ S16 BT.
	A juniper, 12 ins. diam., bears S. 43°30' E., 69 lks. dist., marked ¼ S21 BT.
46.20	Head of draw on abrupt S. slope, 100 ft. below cor., drains S. to canyon; ascend abrupt SE. slope.
50.20	Spur, 110 ft. above head of draw, projects S. 20° W., 2.00 chs. dist. to end, and bears N. 30° E., about 8.00 chs. dist. to ridge; descend abrupt rocky W. slope.
58.30	Bottom of small branch draw, 30 ft. deep, drains S. 30° W.; descend gradual S. slope.
64.80	Slope changes from gradual S. slope to abrupt SW. slope.
68.40	Wash, 40 lks. wide, 10 ft. deep, in bottom of Calf Pasture Hollow, 510 ft. below ridge, drains S. 30° E.; ascend abrupt NE. slope.
75.10	Rim ledge, 10 ft. high, faces E., bears N. and S.
79.94	The cor. of secs. 16, 17, 20, and 21, 400 ft. above hollow.
	Land, broken and mountainous, with a general southerly and northeasterly exposure and drainage.

SUBDIVISION OF, T. 46 S., R. 7 W.

Chains	
	Soil, shallow clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service; buck, manzanita, and bitter brush.
	Timber, juniper and pinon, and a few scattered fir. Fair grazing land.
	N. 0°01' W., bet. secs. 16 and 17.
	Along broken and rocky E. slope of mountainous land, through dense timber and undergrowth.
27.50	Calf Pasture Hollow near head, 80 ft. below cor., drains S. 30° E.; ascend abrupt rocky S. slope.
40.00	On abrupt rocky S. slope, 430 ft. above hollow. 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 1931 From which: A pinon, 6 ins. diam., bears S. 58° E., 29 lks. dist., marked ¼ S16 BT. A juniper, 15 ins. diam., bears N. 41° W., 35 lks. dist., marked ¼ S17 BT.
42.50	Top of abrupt ascent on S. side of high ridge, bears N. 70° W. and S. 70° E.; ascend gradual S. slope.
44.50	Top of ridge, 130 ft. above the ¼ sec. cor., bears S. 50° E., and S. 70° W., about 10.00 chs. dist. to high peak, thence S.; timber becomes scattered, bears with ridge. Thence descend gradually along top of ridge.
48.00	Begin abrupt descent over N. slope, bears E. and SW.
61.30	Draw, 500 ft. below ridge, drains NE., about 2.00 chs. dist., thence nearly E.; ascend abrupt S. slope.
62.10	Low spur, 30 ft. above draw, projects E., 1.50 chs. dist. to end; descend gradual N. slope.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
62.80	Small draw, 10 ft. below spur, drains E.; ascend steep S. slope, entering heavier timber and less undergrowth, bears E. and W.
68.35	Top of low spur, 140 ft. above draw, slopes off to the E.; thence over rolling E. slope through dense undergrowth and very scattered timber.
78.85	Point W. from the cor. of secs. 9 and 10, on E. slope, 100 ft. below spur, in dense tall undergrowth.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the NW. cor. of secs. 16 only, with brass cap marked

S17 | T40S
R7W
S16

1931

Deposit a sandstone, 8 x 6 x 6 ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

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

Soil, clay and sandstone; sandstone formation; 3rd rate.

Undergrowth, sage, oak, service, buck, bitter, and manzanita brush.

Timber, juniper and pinon and a few scattered fir.

Fair grazing land.

From the NW. cor. of sec. 16.

East, on random line along the N. bdy. of sec. 16.

40.00	Set temp. ¼ sec. cor.
79.95	The cor. of secs. 15 and 16, heretofore described.
81.52	The cor. of secs. 9 and 10, heretofore described.

Thence:

West, on true line, along the S. bdy. of sec. 9.

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

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
1.57	The cor. of secs. 15 and 16, heretofore described.
8.50	Draw near head, 160 ft. below cor., drains S.; ascend abruptly over broken SE. slope.
14.50	Rocky point on S. slope, 140 ft. above draw, bears N.; thence along abrupt S. slope.
18.90	Short rocky spur, 160 ft. above draw, slopes S. and bears NE., 5.00 chs. dist. to ridge; descend abrupt W. slope.
26.20	Bottom of small ravine, 250 ft. below spur, drains S.60°W.; thence descend abrupt SW. slope.
31.70	Bottom of gulch at junction of draws draining from N. and NW., 365 ft. below spur, drains S. 20° E.; leave nearly all timber, bears N. and S.; ascend abrupt NE. slope through dense tall undergrowth.
39.75	Point midway bet. the SW. cor. of sec. 9, and the cor. of secs. 9 and 10; on gradual E. slope on small bench in dense undergrowth, 230 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 9 only, with brass cap marked
	¼ S9
	1931
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees available.
41.545	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 16 only, with brass cap marked
	¼ S16
	1931
	From which:
	A juniper, 6 ins. diam., bears S. 67° W., 25 lks. dist., marked ¼ S16 BT.
	No other suitable bearing trees available.

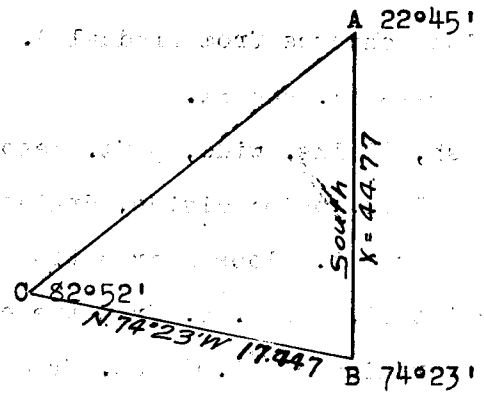
BOOK A-509

Chains	
54.80	Spur, 365 ft. above the ¼ sec. cor. of sec. 9, projects SE. from N. 20° W.; descend gradually along S. slope, entering dense timber, bears with spur.
61.70	Begin abrupt descent over SW. and W. slopes, bears N. and S.
67.20	Small branch draw on SW. slope, drains S. 60° W.; continue descent.
77.45	Small branch draw, 320 ft. below spur, drains S. 20° W.; continue descent.
78.70	Wash, 20 lks. wide, 6 ft. deep, in bottom of Bishop Canyon, 460 ft. below spur, drains S. 30° E.; ascend abrupt E. slope through scattered timber.
79.50	Point for the SW. cor. of sec. 9, hereinafter described; thence along the N. bdy. of sec. 16.
81.52	The NW. cor. of sec. 16, 90 ft. above canyon.
	Land, broken and mountainous, with a general southeasterly exposure and drainage.
	Soil, shallow clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, maple, manzanita, and bitter brush.
	Timber, juniper and pinon and a few scattered fir.
	Fair grazing land.

From the cor. of secs. 4 and 9, heretofore described.
South on true line, along the W. bdy. of sec. 9.
Descend abrupt, rocky SE. slope of mountainous land, through dense timber and undergrowth, over which chaining is impracticable, I therefore triangulate as follows. Erect flag A at the cor. of secs. 4 and 9, and flag B on line S. From B, survey base line, BC, N. 74°23' W., 17.447 chs. dist., to point from which A subtends an angle of 82°52' from B. All angles checked by repetition, and base line double chained.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains



Distance by triangulation 44.77 chs.
Distance by return measurement 7.24 chs.
37.53 chs.

20.00 Approximate distance; small draw, drains E.

26.00 Approximate distance; low spur, projects E., 5.00 chs. dist. to end.

31.00 Approximate distance; bottom of deep, canyon, 160 ft. below cor., drains NE.; ascend abrupt N. to NE. slopes.

37.53 Point South 40.00 chs. dist. from the cor. of secs. 5 and 8; on abrupt NW. slope;

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 8 only, with brass cap marked

¼ S8
1931

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

40.00 On abrupt NW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. of sec. 9 only, with brass cap marked

¼ S9
1931

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

No suitable bearing trees available, for both cors.

44.77 To point B on top of ridge which forms the divide bet. Bishop and Lydia's Canyons, 500 ft. above the canyon at the 31.00 chs. point; bears N. 75° W., and S. 75° E.; descend gradually along W. slope.

Chains	
50.00	Slope changes from gradual W. slope to abrupt SW. slope bears NE. and SW.
74.10	Wash, 20 lks. wide, 5 ft. deep, in bottom of Bishop Can 685 ft. below divide, drains S. 10° E.; thence along abrupt E. slope near bottom of canyon.
77.53	Point 80.00 chs. S. from the cor. of secs. 5 and 8, and northing of 80.00 chs. from the cor. of secs. 16, 17, 20, and 21; on abrupt SE. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 8 and 17 only, with brass cap marked
	T40S R7W S8 S17 1931
	From which:
	A juniper, 14 ins. diam., bears N. 34°15' W., 50 lks. dist., marked T40S R7W S8 BT.
	No other suitable bearing trees available.
	Cor. set on N. side of small drain and about 75 lks. W. of bottom of canyon.
77.60	Small drain, 5 ft. deep, drains E., 75 lks. to canyon.
78.68	Intersect the N. bdy. of sec. 16, 2.02 chs. E. of the NW. cor. of sec. 16.
	At point of intersection:
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the SW. cor. of sec. 9 only, with brass cap marked
	T40S R7W S9 1931
	From which:
	A juniper, 12 ins. diam., bears N. 63°30' E., 88 lks. dist., marked T40S R7W S9 BT.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	A pinon, 3 ins. diam., bears N. 54°30' E., 25 lks. dist., marked BT.
	Land, broken and mountainous, with a general southeasterly and northeasterly exposure and drainage.
	Soil, clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, maple, manzanita, and bitter brush.
	Timber, juniper and pinon and a few scattered fir.
	Fair grazing land.

	From the cor. of secs. 29, 30, 31, and 32, heretofore desceibed.
	N. 0°01' W., bet. secs. 29 and 30.
	Descend gradual E. slope of broken mountainous land, through dense timber and undergrowth.
1.00	Bottom of deep narrow ravine in blue clay, 10 ft. below cor., drains SE.; ascend abruptly over clay and rocky SW. slope.
8.60	Base of inaccessible sandstone rim, 75 ft. high, bears NW. and SE.
9.80	Top of rim, 310 ft. above ravine, bears NW. and SE.; about 12.00 chs. dist. to point; continue abrupt ascent over SW. slope.
20.00	Spur, 225 ft. above top of rim, projects S. 30° E., about 12.00 chs. dist. to end; descend gradually along E. slope.
35.60	Small draw on E. slope, 65 ft. below spur, drains E.; ascend gradual SE. slope.
39.97	Intersect a juniper, 7 ins. diam., which I mark with 2 notches on N. and S. faces for line tree.
40.00	On SE. slope, 35 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

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains

¼

S30 | S29

1931

From which:

A juniper, 8 ins. diam., bears S. 51°30' E., 7 lks. dist., marked ¼ S29 BT.

A juniper, 5 ins. diam., bears N. 15° W., 12 lks. dist., marked ¼ S30 BT.

41.50 Low flat spur, 15 ft. above the ¼ sec. cor., projects E. about 6.00 chs. dist. to end, and bears W., about 12 chains dist. to ridge bearing N. and S.; descend gradual N. and NE. slopes.

46.35 Shallow draw near head, drains NE.; continue descent.

48.25 Begin abrupt descent over rocky NE. slope, bears NW. and SE.

55.20 Deep rocky branch draw, 230 ft. below spur, drains S. 70° E. into canyon; ascend abrupt SW. slope.

56.50 A rim ledge, 25 ft. high, across bottom of canyon, bears E., 20 lks. dist.

61.90 Low spur, 200 ft. above canyon, projects S. 70° E., from the N.; thence ascend gradually along top of spur.

66.70 Leave spur, projects S. from N. 55° W.; 15 ft. above point of entering top of spur; descend gradually along rolling E. slope.

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

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T40S R7W
S19 S20
S30 S29

1931

From which:

A juniper, 6 ins. diam., bears N. 18°30' E., 24 lks. dist., marked T40S R7W S20 BT.

A juniper, 7 ins. diam., bears S. 8°45' E., 24 lks.

SUBDIVISION OF T. 40 S., R. 7 W.

Chains	
	dist., marked T40S R7W S29 BT.
	A juniper, 10 ins. diam., bears S. 57°30' W., 80 lks. dist., marked T40S R7W S30 BT.
	A juniper, 9 ins. diam., bears N. 27° W., 75 lks. dist., marked T40S R7W S19 BT.
	Land, broken and mountainous, with a general southeasterly exposure and drainage.
	Soil, shallow loose sand and clay; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper, pinon, and a few scattered fir.
	Fair grazing land.
	East, on random line, bet. secs. 20 and 29.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect the N. and S. line, at the cor. of secs. 20, 21, 28, and 29.
	Thence:
	West, on true line, bet. secs. 20 and 29.
	Descend abrupt rocky W. slope of mountainous land, through dense timber and undergrowth.
11.80	Wash, 30 lks. wide, 4 ft. deep, in bottom of Right Fork Cove Canyon, 190 ft. below cor., drains S.; ascend abrupt E. slope.
29.00	Vertical sandstone ledge, 20 ft. high, bears N. and S.; thence over NE. slope.
40.07	On abrupt rocky NE. slope, 450 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

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

1931

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	From which:
	A pinon, 7. ins. diam., bears S. 11° E., 25 lks. dist., marked ¼ S29 BT.
	A juniper, 14 ins. diam., bears N. 7°30' W., 62 lks. dist., marked ¼ S20 BT.
48.00	Sharp rocky spur, 210 ft. above the ¼ sec. cor., project S. 30° E. from N. 15° W.; descend abrupt rocky W. slop
57.00	Sandstone ledge, 30 ft. high, faces W., bears N. and S.
64.20	Branch draw, 540 ft. below spur, drains S. 20° W., and heads about 10 chains to the N.; ascend abrupt E. slop
69.90	Low spur, 55 ft. above draw, projects S., 4.00 chs. dist to end; descend gradual SW. slope.
74.70	Left Fork of Cove Canyon, 155 ft. below spur, drains S. 20° E.; ascend abrupt NE. slope.
80.14	The cor. of secs. 19, 20, 29, and 30, 115 ft. above canyon.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper, pinon, and a few scattered fir.
	Fair grazing land.
	West, on true line, bet. secs. 19 and 30.
	Ascend abrupt E. slope of broken mountainous land, through dense timber and undergrowth.
7.00	Ascent becomes more abrupt, bears N. and S.
11.50	Top of low sandstone rim ledge, faces E., bears N. and S.
15.70	Top of high narrow ridge, 350 ft. above cor., bears N. 1° E., and S.; descend abrupt W. slope.
18.80	Sandstone rim faces W., 15 ft. high, bears N. 15° E. and S. 15° W.
34.00	Small ravine, drains N. 60° W. from SE.; continue descent.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
35.50	Small ravine, drains N. 60° W.; thence descend along N. slope, through dense undergrowth and scattered timber.
40.00	On brushy N. slope, about 1½ chain S. of shallow draw draining W., 520 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 S19 / S30 1931
	From which:
	A juniper, 5 ins. diam., bears N. 15° E., 23 lks. dist., marked ¼ S19 BT.
	A pinon, 6 ins. diam., bears S. 35° E., 11 lks. dist., marked ¼ S30 BT.
41.00	Junction of ravine with deep main draw, bears N., 1.50 chs. dist. Ravine drains from SE. and draw drains from NE. Enter dense timber, bears NW. and SE.
43.00	Bottom of main draw, 15 ft. below the ¼ sec. cor., drains SW.; ascend abrupt broken SE. slope.
54.70	The N. end of main rim ledge, 30 ft. high, bears SW., about 8.00 chs. dist. to point where it becomes 100 ft. high; thence ascend gradual SE. slope.
64.60	Top of high spur, 450 ft. above draw, projects SW., about 8.00 chs. dist. to high ledge point from the NE.; descend abrupt W. slope.
73.25	Top of vertical sandstone rim, 75 ft. high, faces W., bears N. and S.; descend abrupt W. and NW. slopes.
80.00	On gradual NW. slope, 480 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 1, 2 / sec. 30 7, and 8 / sec. 19 with brass cap marked S19 7 | 8 2 | 1 S30 1931

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	From which:
	A pinon, 20 ins. diam., bears N. 59°45' E., 34 lks. dist., marked S19 L8 BT.
	A juniper, 9 ins. diam., bears S. 65°45' E., 41 lks. dist., marked S30 L1 BT.
	A juniper, 9 ins. diam., bears S. 24°30' W., 37 lks. dist., marked S30 L2 BT.
	No bearing tree to the NW. available.
88.00	Slope changes from gradual NW. slope to abrupt W. slope, bears NW. and SE.
90.34	Intersect the W. bdy. of the township, N. 0°11' W., 7.96 chs. dist. from the cor. of secs. 24 and 25, heretofore described.
	At point of intersection, on abrupt W. slope, 610 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 19 and 30, with brass cap marked

T40S | T40S
S24 | S19
——CC
S30
R8W | R7W

1931

From which:

A pinon, 6 ins. diam., bears N. 27°15' E., 68 lks. dist., marked T40S R7W S19 CC BT.

A juniper, 9 ins. diam., bears S. 59°30' E., 127 lks. dist., marked T40S R7W S30 CC BT.

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

Soil, clay and sandstone; sandstone formation, 3rd rate.

Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.

Timber, juniper, pinon, and a few scattered fir.

Fair grazing land.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	From the cor. of secs. 19, 20, 29, and 30.
	N. 0°01' W., bet. secs. 19 and 20.
	Descend gradual E. slope of rolling mountainous land through dense timber and undergrowth.
1.10	Small depression on E. slope, drains E. to canyon.
9.00	Point on line 1.00 chs. west. from bottom of canyon, drains S. 20° E.; thence along W. side of canyon.
13.75	Bottom of Left Fork Cove Canyon, 10 ft. below cor., drains S. 10° E. Canyon heads at basin at this point; ascend gradually along W. slope.
33.00	Draw at head, 105 ft. above head of canyon, drains S. 10° W. to head of canyon; ascend abrupt S. slope.
35.60	West edge of sandstone outcropping, 25 ft. high, 1.00 chs. long N. and S., and 50 lks. wide E. and W.
40.00	True point for the ¼ sec. cor. falls on steep slope of surfacerock where it is impracticable to set cor.
40.23	On SW. slope, 150 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for witness cor. to the ¼ sec. cor., with brass cap marked
	¼ S19 | S20 WC 1931
	From which:
	A juniper, 12 ins. diam., bears S. 81° E., 20 lks. dist., marked WC ¼ S20 BT.
	A pinon, 15 ins. diam., bears S. 53°30' W., 21 lks. dist., marked WC ¼ S19 BT.
	Thence ascend abrupt S. slope over series of small rim ledges.
49.00	Top of high ridge, 315 ft. above the witness cor. to the ¼ sec. cor., bears N. 88° E., about 20.00 chs. dist. to high point where ridge turns N. and spur takes off S.; and S. 60° W., about 15.00 chs. dist. to high

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains

point where ridge turns S.; descend abrupt N. slope, through dense undergrowth and scattered timber.

62.00 Bottom of deep, rocky, gulch, 490 ft. below ridge, drains N. 80° W., and heads E., about 15.00 chs. dist.; ascend abrupt ledgy S. and SW. slopes, through scattered undergrowth and timber.

64.00 Base of nearly vertical sandstone ledge, 50 ft. high, bears E. and N.

66.00 Top of ledge, bears S. and NE. for about 1.50 chs. dist.; descend abrupt NW. slope.

68.00 Bottom of branch draw, 75 ft. below top of ledge, drains SW. into gulch; ascend abrupt S. slope over ledges and through dense timber.

70.00 Top of vertical rim of ledge facing S., bears E. and W.; continue abrupt ascent over S. slope.

76.00 Spur, 370 ft. above draw, projects W., 5.00 chs. dist. to point, and bears E., about 25.00 chs. dist. to ridge; descend abrupt N. slope.

80.00 On abrupt N. slope, 75 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, with brass cap marked

T40S R7W	
S18	S17
S19	S20

1931

From which:

A pinon, 8 ins. diam., bears N. 15°30' E., 14 lks. dist., marked T40S R7W S17 BT.

A juniper, 9 ins. diam., bears S. 81° E., 51 lks. dist., marked T40S R7W S20 BT.

A juniper, 12 ins. diam., bears S. 22°30' W., 72 lks. dist., marked T40S R7W S19 BT.

A juniper, 12 ins. diam., bears N. 72°30' W., 55 lks. dist., marked T40S R7W S18 BT.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	Land, broken and mountainous, with a general southerly and northwesterly exposure and drainage.
	Soil, clay and sandstone; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper, pinon, and a few scattered fir.
	Fair grazing land.
	East, on random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.16	Intersect the cor. of secs. 16, 17, 20, and 21.
	Thence:
	West, on true line, bet. secs. 17 and 20.
	Ascend abrupt E. slope of broken mountainous land, through dense timber and undergrowth.
7.10	High ridge, 250 ft. above cor., bears N. 17° W. and S. 35° E. Two yellow pine trees on top of ridge, bears N., 50 lks. dist.; descend abrupt rocky W. slope.
14.20	Nearly vertical rim ledge, facing W., 15 ft. high, bears NW. and S.
21.70	Wash, 20 lks. wide, 4 ft. deep, in bottom of Right Fork Cove Canyon, 425 ft. below ridge, drains S.; small draw draining from the W. enters canyon at this point; ascend abruptly along bottom of draw through dense undergrowth from 5 ft. to 15 ft. high.
25.60	Leave bottom of draw, drains E., from S. 85° W.
32.40	Recross draw, drains S. 85° E.
37.85	Recross draw, drains N. 85° E.
40.08	On abrupt E. slope in dense undergrowth, 400 ft. above 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 S17 / S20

1931

SUBDIVISION OF T. 40 S., R. 7 W.

Chains	
	From which:
	A juniper, 8 ins. diam., bears N. 55° E., 33 lks. dist., marked ¼ S17 BT.
	A pinon, 6 ins. diam., bears South, 26 lks. dist., marked ¼ S20 BT.
	Continue abrupt ascent over E. slope through dense undergrowth and timber.
51.50	The E. rim of ridge, bears N. and S.
52.20	Top of ridge, 700 ft. above canyon, bears N. and S.; descend abrupt NW. and N. slopes.
80.16	The cor. of secs. 17, 18, 19, and 20, 580 ft. below ridge.
	Land, broken and mountainous, with a general easterly and westerly exposure and drainage.
	Soil, clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, service, oak, manzanita, buck, and bitter brush.
	Timber, juniper, pinon, and a few scattered fir.
	Fair grazing land.
	West, on true line, bet. secs. 18 and 19.
	Descend abruptly over broken N. slope of mountainous land, through dense timber and undergrowth.
0.70	Begin more abrupt descent over ledgy W. and NW. slopes, bears NW. and SE.
4.35	Sandstone rim ledge facing W., 25 ft. high, bears N. 30° E. and S. 30° W.
11.80	Bottom of deep, rocky, narrow, gulch, 440 ft. below cor., drains SW.; ascend abrupt ledgy SE. slope.
14.85	Base of sandstone rim ledge, 40 ft. high, nearly vertical and faces E., bears NE. and SW.
17.25	Top of main rim ledge facing E., bears NE. and SW.; continue ascent over SE. slope.
26.45	Top of S. point of sandstone outcropping from NE., also top of abrupt ascent from gulch, 245 ft. above bottom,

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	bears NE. and SW.; thence ascend gradually over top of spur, projects SW. for about 10 chains dist. from the NE.
35.50	West edge of top of spur, 35 ft. above E. edge, bears NE. and SW.; descend abrupt W. slope through very scattered timber.
38.10	Begin more abrupt descent over series of nearly vertical ledges facing W. and bears N. 30° E. and S. 30° W.
40.00	On abrupt ledgey W. slope, 180 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 S18 / S19 1931
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	No suitable bearing trees available.
	Continue abrupt descent over W. slope.
49.35	Reed Canyon, 275 ft. below the ¼ sec. cor., drains S. 20° W. Junction of gulch with canyon draining from the NE., bears N., about 2.00 chs. dist. Ascend abrupt SE. slope.
61.00	Slope changes to abrupt E. slope, bears NE. and S.
65.80	Top of abrupt ascent and rim of canyon, bears NE. and S.; thence ascend gradual E. slope.
76.00	Intersect small clump of yellow pine timber.
80.00	On gradual SE. slope, near top of ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of lots 1, 2, 7, and 8, sec. 19 / sec. 18 with brass cap marked S18 7 8 2 1 S19 1931
	From which:

Chains	
	A juniper, 6 ins. diam., bears N. 25° E., 17 lks. dist., marked S18 L8 BT
	A pinon, 6 ins. diam., bears S. 49°30' E., 38 lks. dist., marked S19 L1 BT.
	A juniper, 6 ins. diam., bears S. 0°30' W., 103 lks. dist., marked S19 L2 BT.
	A pinon, 5 ins. diam., bears N. 82° W., 85 lks. dist., marked S18 L7 BT.
80.50	Top of ascent on top of high ridge spur, 470 ft. above Reed Canyon, bears N. and S.; descend gradually over top of ridge.
86.90	West edge of ridge, 40 ft. below top, bears N. and S. 10° E.; descend abrupt W. slope over rim ledges.
90.15	Top of broken rim ledge, 40 ft. high, bears N. and S. and faces W.
90.32	Intersect the W. bdy. of the township, N. 0°04' W., 8.00 chs. dist. from the cor. of secs. 13 and 24, heretofore described.

At point of intersection, on shelf of rim ledge, 15 ft. below top, 25 ft. above bottom, and 170 ft. below spur. Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 18 and 19, with brass cap marked

T40S | T40S
S18
R8W ——— CC
S19
S13 | R7W

1931

From which:

A juniper, 12 ins. diam., bears N. 18°30' E., 81 lks. dist., marked T40S R7W S18 CC BT.

Point on NE. face of ledge, bears S. 31°30' E., 46 lks. dist. marked $\frac{B}{O}$

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

Chains	
	Soil, clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, manzanita, buck, and bitter brush.
	Timber, juniper, pinon; and a few scattered fir and yellow pine.
	Fair grazing land.
	From the cor. of secs. 17, 18, 19, and 20.
	N. 0°01' W., bet. secs. 17 and 18.
	Descend abrupt N. and NW. slopes of broken mountainous land, through dense timber and undergrowth.
7.70	Depression on NW. slope, drains NW.
10.80	Gulch, 270 ft. below cor., drains S. 80° W.; ascend abrupt rocky S. slope.
28.00	Slope changes from S. to SE.
35.70	High spur, 640 ft. above gulch, projects SW. from N. 10° E.; descend gradually along W. slope.
40.00	On W. slope at head of depression, drains W., 45 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 S18 | S17 1931
	From which:
	A juniper, 36 ins. diam., bears S. 72°45' E., 30 lks. dist., marked ¼ S17 BT.
	A pinon, 8 ins. diam., bears N. 22°30' W., 7 lks. dist., marked ¼ S18 BT.
	Thence ascend along gradual W. slope.
45.80	Low spur on W. slope, 120 ft. above the ¼ sec. cor., slopes SW. and bears E., 3.00 chs. dist. to high spur; continue gradual ascent along W. slope.

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Chains	
53.00	Base of abrupt ascent over SW. slope of broken rim ledges, bears NW. and SE.
57.60	Top of ledgy point from high spur; 385 ft. above the ¼ sec. cor., projects W. High spur projects S. 10° E. from N. 20° E. From ledgy point, spur projects S. 60° W., about 30.00 chs. dist., thence SW. descend gradually along W. slope.
63.00	Head of small depression on W. slope, drains S. 80° W.
66.00	High spur, 20 ft. below ledgy point, projects N. 80° W., about 20.00 chs. dist. to high point, and bears S. 60° E., about 5.00 chs. dist. to high rocky point on top of main spur which projects S. 10° W. from the E. Descend abrupt N. slope. Timber becomes scattered and undergrowth more dense, bears with spur.
80.00	True point for the cor. of secs. 7, 8, 17, and 18, falls in bottom of wash, 25 lks. Wide, 4 ft. deep, 420 ft. below spur, drains N. 70° W. Wash is in bottom of gulch at head and at the junction of a draw from N. 85° E. and a draw from SE. Impracticable to set a permanent cor. at this point.
80.43	On N. side of wash.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for witness cor. to the cor. of secs. 7, 8, 17, and 18, with brass cap marked

T40S R7W
S7 | S8
S18 | S17
WC

1931

From which:

A juniper, 16 ins. diam., bears, N. 74° E., 45 lks. dist., marked WC T40S R7W S8 BT.

A juniper, 10 ins. diam., bears S. 22°15' E., 61 lks. dist., marked WC T40S R7W S17 BT.

A juniper, 20 ins. diam., bears N. 60°45' W., 186 lks. dist., marked WC T40S R7W S7 BT.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains	
	No suitable bearing tree in sec. 18 available.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper, pinon, and scattered fir.
	Fair grazing land.
	From the true point for the cor. of secs. 7, 8, 17, and 18.
	East, on random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
82.20	Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 8 and 17, heretofore described.
	Thence:
	N. 89°57' W., on true line, bet. secs. 8 and 17.
	Ascend abrupt E. slope of broken mountainous land, through dense timber and undergrowth.
28.60	Slope changes from abrupt E. slope to abrupt N. slope, bears NW. and SE.
40.50	Top of high divide ridge, 830 ft. above cor., bears S. 20° E. and N. 70° W.; descend gradually over broken SW. slope near top of divide.
42.20	On broken SW. slope, 20 ft. below top of divide.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S8 / S17 1931
	From which:
	A pinon, 20 ins. diam., bears S. 1°30' E., 181 lks. dist., marked ¼ S17 BT.
	No suitable bearing tree available in sec. 8.
43.20	Small depression at head, 10 ft. below the ¼ sec. cor., drains S.; ascend gradual SE. slope.

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Chains	
49.20	Slope changes from SE. to S.
57.60	Ridge, 60 ft. above depression, bears S., and N. about 3.00 chs. dist. to high point on divide ridge, which bears N. and S. 70° E.; descend abrupt W. slope through very dense timber.
65.40	Descent becomes more abrupt, bears N. and S.
82.20	The true point for the cor. of secs. 7, 8, 17, and 18, 850 ft. below ridge, and which is S. 0°01' E., 43 lks. dist. from the witness cor. to the cor. of said secs.
	Land, broken and mountainous, with a general easterly and westerly exposure and drainage.
	Soil, shallow clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper, pinon, and a few scattered fir.
	Fair grazing land.
	From the true point for the cor. of secs. 7, 8, 17, and 18, which is S. 0°01' E., 43 lks. dist. from the witness cor. to the cor. of said secs.
	West, on true line, bet. secs. 7 and 18.
	Ascend gradually over broken N. slope of mountainous land through very dense undergrowth.
21.30	Spur, 140 ft. above cor. point, slopes off NW. and bears S. 15° E. for about 10.00 chs. dist. to W. point of high spur from S. 80° E. Enter dense timber and medium dense undergrowth, bears NW. and SE. Descend abrupt rocky W. slope.
26.90	Top of white sandstone rim ledge, 35 ft. high, faces W., bears N. and S. 20° W.
39.78	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a mound of stone to top, for witness cor. to the ¼ sec. cor. of secs. 7 and 18,

SUBDIVISION OF T. 40 S., R. 7 W.

Chains	
	with brass cap marked WC ¼ S7/S18 1931
	From which:
	A pinon, 16 ins. diam., bears N. 89°30' E., 74 lks. dist., marked WC ¼ S7 BT.
	A juniper, 20 ins. diam., bears S. 57°15' E., 21 lks. dist., marked WC ¼ S18 BT.
40.00	True point for the ¼ sec. cor. falls in bottom of canyon, 475 ft. below spur, drains S. 30° W. Point is on E. bank of wash in canyon where it is impracticable to set a permanent cor.
40.10	Wash, 30 lks. wide, 5 ft. deep, in bottom of canyon, at bend, drains from NE., to SE. about 12.00 chs. dist., thence S. 30° W.
40.35	Top of vertical sandstone ledge on W. side of wash, faces E., bears N. and S. A small drain from the W., enters bottom of canyon, 20 lks. S. of this point. Ascend abrupt rocky E. slope.
45.25	Low ledgy spur, 160 ft. above canyon, projects S. from N. 15° W.; descend abrupt W. slope.
48.60	Draw near head, 70 ft. below spur, drains S. 30° E. to canyon; ascend abrupt rocky E. slope.
53.10	Top of sandstone rim, 30 ft. high, faces E., bears N. and S.
55.90	Rocky spur, 275 ft. above draw, projects S. about 20.00 chs. dist. to end, and bears N. 10° W.; descend abrupt W. slope.
61.30	Rim ledge, 30 ft. high, bears NW. and SE. and faces SW.
68.65	Bottom of Reed Canyon at junction with small drain from N. 85° W., 385 ft. below spur, drains S. 15° E.; a few yellow pine trees found along bottom of canyon; ascend abrupt rocky E. slope.

Chains	
72.30	Small ravine, drains N. 85° E.
75.80	Recross ravine, drains S. 85° E.; thence ascend abrupt NE. slope.
80.00	On abrupt NE. slope, 340 ft. above canyon.

Set an iron post, 3 ft. long, 1 ins. diam., 27 ins. in the ground, for cor. of lots 1, 2/ sec. 18, 7, and 8/ sec. 7, with brass cap marked

S7
7 | 8
2 | 1
S18

1931

From which:

A pinon, 11 ins. diam., bears N. 14°30' E., 15 lks. dist., marked S7 L8 BT.

A juniper, 10 ins. diam., bears S. 71°15' E., 18 lks. dist., marked S18 L1 BT.

A pinon, 12 ins. diam., bears S. 20°15' W., 43 lks. dist., marked S18 L2 BT.

A pinon, 8 ins. diam., bears N. 62° W., 49 lks. dist., marked S7 L7 BT.

90.22	Intersect the W. bdy. of the township, N. 0°13' E., 7.82 chs. dist. from the cor. of secs. 12 and 13, heretofore described.

At point of intersection, on abrupt E. slope, 1.00 chs. dist. from top of ridge, 600 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 7 and 18, with brass cap marked

T40S
R8W | S7
S12 | CC
S18
R7W

1931

From which:

A juniper, 10 ins. diam., bears N. 15°30' E., 36 lks. dist., marked T40S R7E S7 CC BT.

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Chains	
	A juniper, 8 ins. diam., bears S. 40° E., 17 lks. dist., marked T40S R7W S18 CC BT.
	Land, broken and mountainous, with a general easterly and westerly exposure and southerly drainage.
	Soil, shallow clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, pinon, juniper, and a few scattered fir.
	Fair grazing land.

	From the true point for the cor. of secs. 7, 8, 17, and 18.
	N. 0°01' W., bet. secs. 7 and 8.
	Ascend abrupt SW. slope of broken mountainous land, through dense timber and undergrowth.
0.43	The witness cor. to the cor. of secs. 7, 8, 17, and 18.
0.70	Sandstone ledge, 10 ft. high, bears SE., 1.00 chs. dist. and W. 25 lks. dist.
4.70	Spur on W. slope, 110 ft. above cor., projects W.; thence along W. slope.
6.60	Begin abrupt descent over NW. slope, bears NE. and SW.
13.70	Wash, 30 lks. wide, 7 ft. deep, in bottom of rocky canyon, 100 ft. below spur, drains S. 60° W.; ascend abrupt rocky S. slope.
25.30	Narrow rocky spur, 400 ft. above canyon, projects S. 60° W., about 5.00 chs. dist. to point, and bears N. 60° E., about 20.00 chs. dist. to high point on ridge; descend abrupt NW. slope.
31.25	Rim ledge, 20 ft. high, bears N. 20° E. and SW.
35.10	Gulch near head, 240 ft. below spur, drains S. 60° W.; ascend abrupt SW. slope.
38.50	Rim ledge facing S., 25 ft. high, bears NW. and SE.
40.00	On SW. slope, 90 ft. above gulch.

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 S7 | S8 1931 From which: A pinon, 15 ins. diam., bears N. 19°30' E., 86 lks. dist., marked ¼ S8 BT. A pinon, 15 ins. diam., bears S. 8°30' W., 14 lks. dist., marked ¼ S7 BT.
40.10	Small drain on general SW. slope, drains SW.; ascend abruptly over rocky S. slope.
50.00	Top of abrupt ascent on S. slope, bears SW., and NE., about 3.00 chs. dist. to ridge; thence ascend gradually along abrupt W. slope near top of ridge.
51.80	Sandstone ledge facing W., 25 ft. high, bears N. and S., bears E., about 1.co chs. dist.
58.30	Top of W. edge of high divide ridge, 470 ft. above the ¼ sec. cor., bears N. 30° W. and S. 5° E.; thence along top of ridge.
60.50	Top of ridge which forms the divide bet. Lydia's Canyon and Reed Canyon, bears N. 30° W. and S. 5° E.; descend abrupt NE. and E. slopes. Undergrowth becomes dense and timber scattered, bears with ridge.
70.00	Base of descent at head of draw, 210 ft. below ridge, drains E.; ascend gradual S. and SE. slopes.
80.00	On abrupt SE. slope, 240 ft. above head of draw. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 5, 6, 7, and 8, with brass cap marked T40S | R7W S6 | S5 S7 | S8 1931 From which:

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Chains	
	A pinon, 10 ins. diam.; bears N. 27° E., 127 lks. dist., marked T40S R7W S5 BT.
	A pinon, 8 ins. diam., bears S. 75°15' E., 199 lks. dist., marked T40S R7W S8 BT.
	A pinon, 6 ins. diam., bears S. 4° W., 171 lks. dist., marked T40S R7W S7 BT.
	No suitable bearing tree in sec. 6 available.
	Land, broken and mountainous with a general southwesterly and northeasterly exposure and drainage.
	Soil, shallow clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper, pinon, and a few scattered fir.
	Fair grazing land.
	S. 89°57' E., on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
82.12	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 5 and 8.
	Thence:
	N. 89°58' W., on true line, bet. secs. 5 and 8.
	Ascend abrupt SE. slope of broken mountainous land, through dense timber and scattered undergrowth.
1.90	Spur ridge, 75 ft. above cor., projects N. 30° E. and bears S. 30° W.; descend abrupt NW. and W. slopes. Timber becomes scattered and undergrowth dense, bears with ridge.
14.30	Gulch, 380 ft. below spur ridge, drains N.; ascend abrupt E. slope.
29.10	Spur, 500 ft. above gulch, projects N. 15° E. and bears S. 15° W.; descend abrupt W. and NW. slopes.
42.12	On abrupt W. slope, 340 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

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Chains	
	the ground, for ¼ sec. cor., with brass cap marked ¼ S5 / S8 1931 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No suitable bearing trees available.
50.50	Bottom of canyon, 230 ft. below the ¼ sec. cor., drains N. 30° E.; junction of draw draining from S. 30° E., with canyon, bears S., 1.50 chs. dist.; ascend abrupt SE. slope.
65.00	Rim ledge facing E., 20 ft. high, bears N. and S. 30° W.
73.20	Slope changes from SE. to S.
82.12	The cor. of secs. 5, 6, 7, and 8, 735 ft. above canyon. Land, broken and mountainous, with a general northeasterly exposure and drainage. Soil, shallow clay and sandstone; sandstone formation; 3rd rate. Undergrowth, sage, oak, service, buck, manzanita, and bitter brush. Timber, juniper, pinon, and a few scattered fir. Fair grazing land.
	West, on true line, bet. secs. 6 and 7. Ascend abrupt SE. slope of broken mountainous land, through dense undergrowth and scattered timber.
3.90	Vertical sandstone ledge, 30 ft. high, faces E., bears NE. and SW.
5.90	Spur, 180 ft. above cor., projects NE., about 3.00 chs. dist. to ledge point, thence E.; descend abrupt NW. slope.
19.10	Head of gulch, 150 ft. below spur, drains NE. Saddle in ridge, bears about 2.00 chs. dist. S. of line. Ascend abrupt E. slope.
25.00	High divide ridge, 130 ft. above head of gulch, bears NW. and S. 70° E. Timber becomes dense and undergrowth

Chains	
	scattered, bears with ridge. descend gradually along S. slope.
29.50	Head of draw, 60 ft. below ridge, drains S.; ascend gradually along S. slope.
33.50	Ridge, 70 ft. above head of draw, bears S., for about 15.00 chs., thence S. 20° W., and N. 20° E., about 5.00 chs. dist. to divide. Timber becomes scattered and undergrowth dense, bears with ridge. Descend abrupt rocky W. slope.
40.00	On abrupt W. slope, 180 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S6 / S7 1931 From which: A pinon, 14 ins. diam., bears N. 55° E., 67 lks. dist., marked ¼ S6 BT. A pinon, 8 ins. diam., bears S. 70° W., 56 lks. dist., marked ¼ S7 BT.
41.15	Rim ledge, 30 ft. high, bears N., 5.00 chs. dist. thence NW. and S., 1.00 chs. dist., thence SE.
47.00	Canyon near head, 200 ft. below the ¼ sec. cor., drains S. 20° W.; ascend abrupt E. slope.
55.60	Rim ledge, 25 ft. high, bears N. and S. 30° W. Enter dense timber, bears with ledge.
60.00	Ridge, 365 ft. above canyon, bears N. and S. 30° W., 50 lks. dist. to point where it slopes off abruptly. Descend abrupt SW. slope.
65.60	Rim ledge, 50 ft. high, bears N. 15° W. and SE.; descend abrupt W. slope.
73.00	Shallow rocky draw on W. slope, drains S. 70° W.; continue descent.
80.00	On rocky W. slope, 730 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in

Chains

the ground, for cor. of lots 1& 2/ sec. 7 & lots 10, and 11,/ sec.6 with brass cap marked

S6
L10 | L11
L2 | L1
S7

1931

From which:

A juniper, 5 ins. diam., bears N. 2° E., 31 lks. dist., marked S6 L11 BT.

A pinon, 6 ins. diam., bears S. 45° E., 1 lks dist., marked S7 L1 BT.

A pinon, 6 ins. diam., bears S. 30° W., 43 lks. dist., marked S7 L2 BT.

A pinon, 8 ins. diam., bears N. 10° W., 67 lks. dist., marked S6 L10 BT.

80.40 Shallow ravine, drains S. 60° W.; continue descent.

89.10 Gulch, 100 ft. below the ¼ sec. cor., drains N. 70° W.; leave nearly all timber, bears NW. and SE.; thence along abrupt N. slope through dense undergrowth.

89.98 Intersect the W. bdy. of the township, N. 0°02' E., 8.04 chs. dist. from the cor. of secs. 1 and 12, heretofore described.

At point of intersection, on abrupt N. slope, 10 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 6 and 7, with brass cap marked

T40S | T40S
S6
R8W | CC
S7
S1 | R7W

1931

From which:

A juniper, 4 ins. diam., bears S. 30° E., 57 lks. dist., marked T40S R7W S7 CC BT.

No other bearing trees available.

Chains	
	Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
	Land, broken and mountainous, with a general northeasterly and southwesterly exposure and drainage.
	Soil, shallow clay and sandstone; sandstone formation; 3rd rate.
	Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.
	Timber, juniper, pinon, and a few scattered fir.
	Fair grazing land.
	From the cor. of secs. 5, 6, 7, and 8.
	N. 0°01' W., on true line, bet. secs. 5 and 6.
	Ascend abrupt rocky S. slope of broken mountainous land through scattered timber and dense undergrowth.
1.40	Ascent becomes gradual, bears E. and W.
2.50	Spur, 65 ft. above cor., projects N. 70° E.; descend abrupt N. slope. Leave timber, bears E. and W.
16.00	Enter scattered yellow pine timber, bears E. and W.
19.50	Canyon, 330 ft. below spur, drains E.; ascend abrupt SE. and S. slopes.
20.50	Leave yellow pine timber and enter scattered juniper and pinon timber, bears E. and W.
26.50	Small depression on S. slope, drains S. 20° E.; ascend abrupt S. slope through very scattered timber.
34.50	Ascent becomes gradual, bears E. and W.
37.50	High ridge spur, 455 ft. above canyon, bears E. and W.; descend gradual N. slope through dense undergrowth from 15 to 20 ft. high.
40.00	On gradual NE. slope, 25 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
	S6 | S5
	1931
	From which:

Chains	
	A red cedar, 4 ins. diam., bears N. 35° E., 59 lks. dist., marked ¼ S5 BT.
	No other suitable bearing tree available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
41.00	Begin abrupt descent over rolling N. and NE. slopes.
43.00	Enter medium dense large yellow pine, aspen, and fir timber, bears E. and W.
48.40	Small draw on NE. slope, drains NE.; continue descent.
52.60	Low spur, projects NE.; continue descent over N. slope.
77.40	Main draw, drains NE.; continue descent.
79.50	Low spur, projects NE.; continue descent.
81.65	Bottom of canyon, 740 ft. below the ¼ sec. cor., drains N. 70° E., 1.00 chs. dist. to fork of Lydia's Canyon; ascend gradually over brushy SE. slope.
82.61	Intersect the N. bdy. of the township, N. 89°15' W., 8.26 chs. dist. from the cor. of secs. 31 and 32, heretofore described.
	At point of intersection, on brushy SE. slope, 30 ft. above bottom of canyon.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 5, and 6, with brass cap marked

T39S R7W
S31

S6 | S5
T40S R7W
CC

1931

From which:

A yellow pine, 24 ins. diam., bears S. 17°15' W., 81 lks. dist., marked T40S R7W S6 CC BT.

A red cedar, 7 ins. diam., bears S. 75° E., 72 lks. dist., marked T40S R7W S5 CC BT.

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

Soil, shallow clay and sandstone; sandstone formation; 3rd rate.

SUBDIVISION OF, T. 40 S., R. 7 W.

Chains

Undergrowth, sage, oak, service, buck, manzanita, and bitter brush.

Timber, juniper, pinon, fir, aspen, and yellow pine.

Fair grazing land.

GENERAL DESCRIPTION OF, T. 40 S., R. 7 W.

This fractional township contains principally rugged, broken mountainous land, lying between the Virgin River to the east and the Muddy Creek to the west. It has a general southerly and southeasterly exposure from the highest point in the northwest corner. It is broken by numerous deep, narrow, rocky, canyons and gulches, and by high sharp crested ridges and spurs. The slopes are very abrupt, and are broken by small rim ledges. The southwest portion drains southwest into Muddy Creek, Reed Canyon being the largest canyon in this drainage. The remainder of the fractional township, except sections 12 and 13, drains southerly into the Virgin River, by Lydia's, Bishop, and Cove Canyons, and by Calf Pasture and Gardner Hollows. In sections 12 and 13, the drainage is southwest into the Virgin River.

There is a small stream of good water in the bottom of Lydia's Canyon, which enters the fractional township on the north boundary of section 5, and flows in a southeasterly direction through sections 4, 9, 10, and 11, and empties into the Virgin River in section 14. A small stream of good water is found in the bottom of Calf Pasture Hollow, which rises in the SE. ¼ of section 21, and flows southerly through sections 28, 33, and 34, where it empties into the Virgin River. A small seep of good water is found in the bottom of Reed Canyon in the SW. ¼ of section 19.

A medium dense growth of scrub juniper and pinon and

scattered fir timber is found throughout the fractional township, and is more dense in the southerly portion. A dense undergrowth of oak, sage, buck, manzanita, maple, greasewood, and bitter brush is also found, it being especially dense in the north and northwest portions where it attains a maximum height of 20 to 30 f

The soil in general is a shallow dark clay loam with rock of sandstone formation, and may be classified as third rate. On the abrupt slopes numerous small rim sandstone ledges were found, making it difficult for the grazing of stock.

The only portions of the township that are suitable for cultivation, are small tracts of land along the bottoms of the main canyons and hollows, where the soil reaches to a depth of several feet. Very little of the land tha comes under this survey is suitable for cultivation.

The grazing can only be classified as fair, as large portions of the fractional township are too rough and remote from water.

No improvements other than a few short irregular fences and old wood roads are found in the surveyed portion of the township.

There are no settlers living in the portion of the fractional township that comes under this survey.

The town of Glendale, Utah, is situated in section 23, of the previously surveyed area of this township.

The only indications of coal, oil, or mineral found, were small outcroppings of soft coal located in the southwest portion of the fractional township.

The average magnetic declination was found to be , 15°45' E.

BOOK A-509

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Diran T. Broun	Chainman
Walter Bockholt	Chainman
Edward Eliason	Chainman
Golden Billings	Chainman
Cecil Beatty	Chainman
Milton Hall	Flagman
Cecil Beatty	Flagman
Milford Parker	Flagman
Gomer Edwards	Cornerman
Milford Parker	Cornerman
Alvin Spencer	Cornerman
Edward Nelson	Axeman
Marden Black	Axeman

8—2764

BOOK A-509

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~

Howard W. Miller, and
Andrew Nelson, U.S. Cadastral Engineers, and
~~I~~ We, Elliot Bird, U.S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 28th day of June, 1927, ~~I~~ We, have well, faithfully, and in ~~my~~ 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 dependent resurvey of the west boundary, portions of the eighth standard parallel south through R. 7 W., the north boundary, and subdivision; and survey of a portion of the subdivision, of T. 40 S., R. 7 W., of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by ~~me~~ us, and under ~~my~~ our directions; 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 District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at:
Salt Lake City, Utah.
January 20, 1932.

Andrew Nelson
U.S. Cadastral Engineer.

Howard W. Miller
U.S. Cadastral Engineer.

APPROVAL

Elliot Bird
U.S. Surveyor.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

DENVER, COLORADO MAR 9 - 1937, 19

The foregoing field notes of the survey of the dependent resurvey of the west boundary, portions of the eighth standard parallel south through R. 7 W., the north boundary, and subdivision; and survey of a portion of the subdivision, of T. 40 S., R. 7 W, Salt Lake Base and Meridian, Utah.

executed by Andrew Nelson, Howard W. Miller, and Elliot Bird under ~~his~~ their special instructions dated June 28, 1927, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[signature]
U. S. Supervisor of Surveys

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

U. S. Supervisor of Surveys

U. S. GOVERNMENT PRINTING OFFICE 1931 6—2764

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK A-509 "C"

FIELD NOTES

EPENDENT RESURVEY AND SURVEY OF THE EAST BOUNDARY OF T. 28 S., R. 3 E.,

EPENDENT RESURVEY OF PORTIONS OF THE EAST AND SOUTH BOUNDARIES, AND

UBDIVISION; AND SURVEY OF PORTION OF THE SUBDIVISION; COMPLETING THE

URVEY OF T. 28 S., R. 4 E.

Of the Salt Lake *Meridian,*

the State of Utah

EXECUTED BY

Elliot Bird, Surveyor

and

Edward Eliason, Transitman (Temporary)

nder special instructions dated February 8, *19*29, *which provided*

r the surveys included under Group No. 184, *bearing the approval of the*

ommissioner of the General Land Office under date of July 18, 1929

supplemental
assignment instructions dated July 12, *19*34, and
June 28, 1935

Survey commenced August 2, *19*34.

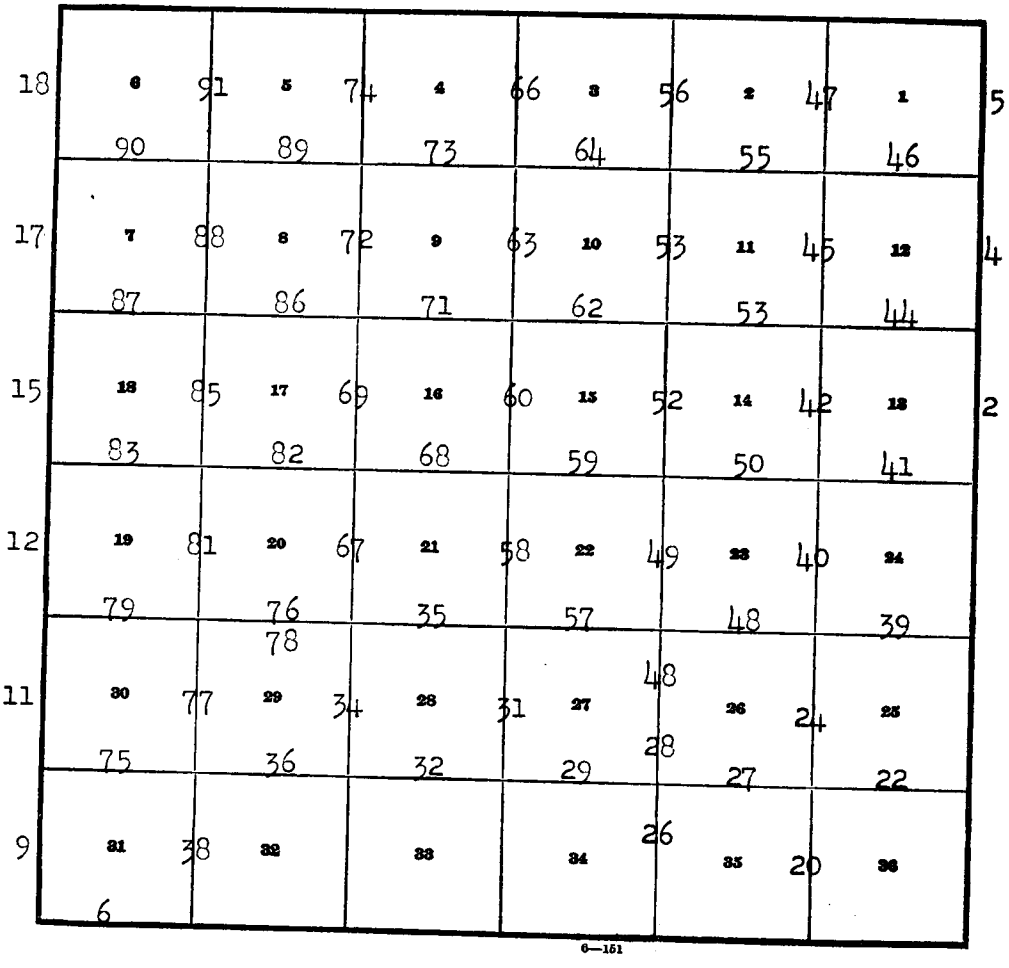
Survey completed August 14, *19*35.

U. S. GOVERNMENT PRINTING OFFICE 6—151

BOOK A-509

INDEX DIAGRAM.

Township 28 South, *Range* 4 East



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BOOK A-509

T. 28 S., R. 4 E.

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

All lines colored black, were surveyed by Elliot Bird, ~~U.S.~~ Surveyor.

All line colored red, were surveyed by Edward Eliason, ~~U.S.~~ Transitman, (Temporary)

All lines colored blue, were surveyed conjointly by Elliot Bird and Edward Eliason.

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Page

T. 28 S., R. 4 E.

The survey of T. 28 S., R. 4 E., Salt Lake Meridian, Utah, was commenced Aug. 2, 1934, and executed with Buff and Buff transit No. 16003, used by Elliot Bird, ~~U.S.~~ Surveyor, and Young and Sons transit No. 3581, used by Edward Eliason, ~~U.S.~~ Transitman, (Temporary). The instruments are equipt with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circles. The instruments were in good adjustment, and were approved for use on this survey, by the district cadastral engineer, for Utah, in supplemental assignment instructions issued to Elliot Bird and Edward Eliason, dated July 12, 1934, and supplemental assignment instructions issued to Elliot Bird, dated June 28, 1935. The directions of the lines of this survey, were determined by the solar transit method, and the latitude and longitude of the stations where observations were made to determine meridians upon which to test the solars, were computed from the Coast and Geodetic Survey triangulation station "Thousand Lake Mountain", which is located near the center of sec. 33, T. 27 S., R. 4 E., and which is described in the official record of the survey of said township. The latitude of this station is given as 38°25'01.153" N., and the longitude 111°28'43.252" W.

During the progress of this survey, our watches carried correct 105th meridian standard time, comparison being made daily with radio signals.

In order to determine a meridian upon which to test the solar apparatus, we proceed as follows, using instrument No. 16003.

August 2, 1934: Stationed at the cor. of secs. 26, 27, 34 and 35, T. 28 S., R. 4 E., Salt Lake Meridian, Utah, in latitude 38°20' N., longitude 111°27' W., at 7h 3.3m a.m. 105th meridian time, we make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, and read the horizontal deflection angle from a flag pole about 40.00 chs. N. of my station, in the direction W. to Polaris.

Local mean time of observation	7h 37.5m a.m.
Hour angle of Polaris	2h 34.5m
Mean horizontal deflection angle from flag pole to Polaris	51.5' W.
Azimuth of Polaris	51.5' W.
True bearing of Flag pole	North.

At 8h 30m a.m. apparent time, with the instruments in the meridian, we set off 38°20' N., on the latitude arcs; 17°12' N., on the declination arcs; and determine a meridian with the solars, which we find to agree within 1' of the true meridian.

At apparent noon, with the latitude arcs unchanged, we observe the sun on the meridian; the resulting reading of the declination arcs is 17°49' N., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the latitude arcs unchanged, we set off 17°47' N., on the declination arcs; and determine a meridian with the solar, which we find to agree 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 good adjustment.

Work was discontinued on this township September 1, 1934, and resumed July 5, 1935.

U. S. GOVERNMENT PRINTING OFFICE: 1941 C—8155

T. 28 S., R. 4 E.

In 1935, the surveys were made by Elliot Bird, and executed with Buff and Buff transit No. 18003.
In order to test the solar apparatus upon resuming the work, I proceed as follows.
July 5, 1935: Stationed at the cor. of Ts. 28 and 29 S., Rs. 3 and 4 E., Salt Lake Meridian, Utah, in latitude 38°19' N., longitude 111°31' W., at 10h 25.0m a.m. by my watch which carries correct 105th meridian time, I make an hour angle observation on Polaris, West of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the trunk of a tree about 1 mile N., in the direction West to Polaris.

Local mean time of observation	9h 58.9m a.m.
Hour angle of Polaris	3h 9.5m
Mean horizontal deflection angle from trunk of tree to Polaris	0°59.0' W.
Azimuth of Polaris	0°59.0' W.
True bearing of trunk of tree	North

At 10h 30m a.m. apparent time, with the instrument in the meridian, I set off 38°19' N., on the latitude arc; 22°50' N., on the declination arc; and note that the trunk of the tree bears N. 0°01' W.

At apparent noon, with the instrument in the meridian, and the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 22°50' N., which agrees with the computed declination of the sun

At 3h 30m p.m. apparent time, with the instrument in the meridian and the latitude arc unchanged, I set off 22°50' N., on the declination arc; and determine a meridian with the solar, and note that the trunk of the tree bears North.

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 good adjustment.

The instrument was kept in good adjustment throughout the progress of the survey, frequent tests being made upon meridians determined by hour angle observations on Polaris at numerous points throughout the township.
Where ever possible, the bearings and courses of the lines lines of the survey, were determined by deflection angles from the true meridians, and were carried forward by transit lines, taking the mean of direct and reversed sights at each instrument station.

MEASUREMENTS.

All measurements are made with Lallie steel tapes 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined with large improved clinometers, and the slope measurements properly reduced to true horizontal distances.

DEPENDENT RESURVEY PORTION E. BDY., T. 28 S., R. 4 E.

Reestablishment of surveys executed by Elliot Bird, ~~U.S.~~ Transitman, in 1921.

At a point, 9.76 chs. South of the witness cor. to the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the township.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 13, 18, 19, and 24, with brass cap marked

T28S
R4E | R5E
S13 | S18
S24 | S19

1935

from which

A pinon, 8 ins. diam., bears N. 64°30' E., 41 lks. dist., marked T28S R5E S18 BT.

A pinon, 3 ins. diam., bears S. 79°30' E., 41 lks. dist., marked BT.

A pinon, 6 ins. diam., bears S. 2°15' W., 27 lks. dist., marked T28S R4E S24 BT.

A pinon, 10 ins. diam., bears N. 40° W., 18 lks. dist., marked T28S R4E S13 BT.

Thence:

North, bet. secs. 13 and 18.

Ascend gradually along broken E. slope of ledges, through medium dense timber and undergrowth.

9.76 (Record course and distance); the witness cor. to the cor. of secs. 13, 18, 19, and 24, which is an iron post, 2 ins. diam., firmly set, properly marked and witnessed as described in the official record of the survey of T. 28 S., R. 5 E.

I change this cor. to a witness point by marking the cor. monument and bearing trees WP, I also efface the secs. on the bearing trees and cor. monument that pertain to secs. 19 and 24.

Continue on same line with continuous measurement.

Ascend abruptly over steep S. face of white sandstone ledges.

14.90 Top of white sandstone ledges, bears E. and W.; thence ascend steep S. slope of high ridge.

32.70 Top of high ridge, 690 ft. above sec. cor., bears E. and W.; descend steep N. slope.

34.00 On steep N. slope of ridge, 30 ft. below top:

The ¼ sec. cor. originally for secs. 13 and 18, which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official record of the survey of T. 28 S., R. 5 E.

As this cor. now functions for the ¼ sec. cor. sec. 18 only, I efface the marks on the bearing tree and brass cap that pertain to sec. 13, and take an additional bearing tree for sec. 18 as follows.

A white pine, 18 ins. diam., bears S. 68°30' E., 96 lks. dist., marked ¼ S18 BT.

Continue on same line with continuous measurement.

Chains

Descend abrupt N. slope of high ridge, through dense timber and undergrowth.

40.00 On steep N. slope, 220 ft. below the ¼ sec. cor. for sec 18.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for ¼ sec. cor. sec. 13, T. 28 S., R. 4 E., with brass cap marked

¼ S13

1934

from which

A spruce, 18 ins. diam., bears S. 73° W., 28 lks. dist., marked ¼ S13 BT.

A spruce, 10 ins. diam., bears N. 55° W., 73 lks. dist., marked ¼ S13 BT.

72.00 Gulch, 660 ft. below the ¼ sec. cor. sec. 13, drains S. 70° E.; ascend abrupt S. slope.

74.00 The cor. originally set for secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 28 S., R. 5 E.

As this cor. will now function only for the cor. of secs. 7 and 18, T. 28 S., R. 5 E., I efface the marks on the bearing trees and cor. monument that pertain to secs. 12 and 13, T. 28 S., R. 4 E.

Land, broken and mountainous, with a general southerly and northerly exposure into gulches draining easterly.

Soil, shallow white clay and sand, mixed with loose rock 4th rate.

Undergrowth, scattered and medium dense sage, black, and deer brush.

Timber, medium dense scrub juniper and pinon; scattered white and yellow pine, and spruce on the steep N. slopes.

Fair grazing land.

North, along the W. bdy. of sec. 7, T. 28 S., R. 5 E.

Note: The course and distance of the W. bdys. of secs. 6 and 7, T. 28 S., R. 5 E., was found to agree with the official record of the survey of T. 28 S., R. 5 E., therefore, for topography along the W. bdys. of secs. 6 and 7, T. 28 S., R. 5 E., see that given in the official record of said township.

6.00 Northing of 40.00 chs. from the ¼ sec. cor. sec. 13, T. 28 S., R. 4 E.

Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) marked on the sandstone surfacerock, in a mound of stone to its top, for cor. of secs. 12 and 13, T. 28 S., R. 4 E., with brass cap marked

T28S | T28S
S12 |
S13 | R5E
R4E | 37

1935

Chains

from which

A yellow pine, 12 ins. diam., bears S. 36°30' W., 152 lks. dist., marked T28S R4E S13 BT.

A pinon, 10 ins. diam., bears N. 55° W., 186 lks. dist., marked T28S R4E S12 BT.

40.00 The ¼ sec. cor. originally for secs. 7 and 12, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official record of the survey of T. 28 S., R. 5 E.

As this cor. now functions only for the ¼ secs. cor. for sec. 7, T. 28 S., R. 5 E., I efface the markings on the cor. monument and bearing tree for sec. 12, T. 28 S., R. 4 E., and take an additional bearing tree for sec. 7 as follows.

A juniper, 12 ins. diam., bears N. 44° E., 20 lks. dist., marked ¼ S7 BT.

46.00 Northing of 40.00 chs. from the cor. of secs. 12 and 13, T. 28 S., R. 4 E.

No iron post being available:

Set a volcanic stone, 18 x 12 x 10 ins., 8 ins. in the ground to solid rock and in a mound of stone to top, marked ¼ on west. face, for ¼ sec. cor. sec. 12, T. 28 S., R. 4 E.

80.00 The cor. originally for secs. 1, 6, 7, and 12, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the original record of the survey of T. 28 S., R. 5 E.

As this cor. will now function only for the cor. of secs. 6 and 7, T. 28 S., R. 5 E., I efface the markings on the cor. monument and bearing trees that pertain to secs. 1 and 12, T. 28 S., R. 4 E.

North, along the W. bdy. of sec. 6, T. 28 S., R. 4 E.

6.00 Northing of 40.00 chs. from the ¼ sec. cor. sec. 12, T. 28 S., R. 4 E.

Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) cut in the surfacerock, in a mound of stone to its top, for cor. of secs. 1 and 12, T. 28 S., R. 4 E., with brass cap marked

T28S	T28S
S1	
	S5E
S12	S6
R4E	

1935

from which

A yellow pine, 12 ins. diam., bears S. 36°30' W., 152 lks. dist., marked T28S R4E S12 BT.

A pinon, 10 ins. diam., bears N. 55° W., 186 lks. dist., marked T28S R4E S1 BT.

40.00 The ¼ sec. cor. originally set for secs. 1 and 6, which is an iron post, 1 in. diam., set, marked and witnessed as described in the official record for the survey of T. 28 S., R. 5 E.

Chains	
	As this cor. will now function only for the ¼ sec. cor. sec. 6, T. 28 S., R. 5 E., I efface the markings on the cor. and bearing trees that pertain to sec. 1, T. 28 S. R. 4 E.; and take an additional bearing tree for sec. 6 as follows.
	A pinon, 8 ins. diam., bears S. 40°15' E., 25 lks. dist., marked ¼ S6 BT.
46.00	Northing of 40.00 chs. from the cor. of secs. 1 and 12, T. 28 S., R. 4 E.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for ¼ sec. cor. sec. 1, T. 28 S., R. 4 E., with brass cap marked ¼ S1 | 1935
	from which
	A pinon, 10 ins. diam., bears S. 33° W., 14 lks. dist., marked ¼ S1 BT.
	A pinon, 8 ins. diam., bears N. 47° W., 7 lks. dist., marked ¼ S1 BT.
80.00	The cor. of Ts. 27 and 28 S., Rs. 4 and 5 E., which is ar iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 28 S R. 5 E.

DEPENDENT RESURVEY PORTION S. BDY., T. 28 S., R. 4 E.

From the cor. of Ts. 28 and 29 S., Rs. 3 and 4 E., hereinafter described.

East, on random line, bet. secs. 6 and 31.

39.43 Fall 14 lks. N. of the ¼ sec. cor. secs. 6 and 31, hereinafter described.

The course of this half mile therefore is, S. 89°48' E., and the distance is 39.43 chs.

From the ¼ sec. cor.

East, with new measurement.

39.88 Fall 22 lks. N. of the cor. of secs. 5, 6, 31, and 32, hereinafter described.

The course of this half mile therefore is, S. 89°41' E., and the distance is 39.88 chs.

True Lines.

Reestablishment of surveys executed by A.D. Ferron, U.S. Deputy Surveyor in 1883.

The cor. of Ts. 28 and 29 S., Rs. 3 and 4 E., is a volcanic stone; 16 x 12 x 12 ins. above ground, firmly set, marked 6 grooves on N., S., E., and W. faces. Cor. has no accessories.

At the cor. point:

DEPENDENT RESURVEY PORTION S. BDY., T. 28 S., R. 4 E.

Chains

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for the cor. of Ts. 28 and 29 S., Rs. 3 and 4 E., with brass cap marked

T28S

R3E S36	R4E S31
S1	S6

T29S

1934

from which

A juniper, 24 ins. diam., bears N. 71°45' E., 430 lks. dist., marked T28S R4E S31 BT.

A juniper, 18 ins. diam., bears S. 58°50' E., 264 lks. dist., marked T29S R4E S6 BT.

A pinon, 12 ins. diam., bears S. 34°20' W., 386 lks. dist., marked T29S R3E S1 BT.

A pinon, 8 ins. diam., bears N. 55°40' W., 656 lks. dist., marked T28S R3E S36 BT.

Thence:

S. 89°48' E., on true line, bet. secs. 6 and 31.

Ascend gradual SW. slope of rolling mountainous land, through medium dense timber and scattered undergrowth.

8.80 Base of abrupt ascent over ledgy W. slope of ridge, bears N. and S.

26.50 Ridge, 380 ft. above the township cor., bears N. 20° E. and S. 20° W.; descend abruptly over broken E. slope.

39.43 On broken E. slope of ridge, 150 ft. below top.

The ¼ sec. cor. secs. 6 and 31, which is a volcanic stone, 14 x 12 x 10 ins. above ground, firmly set, marked ¼ on N. face. Cor. is witnessed by bearing trees as follows.

A dead and fallen pinon, 8 ins. diam., bears N. 62° E., 21 lks. dist., marked ¼ S BT.

A pinon, 6 ins. diam., bears S. 40°45' W., 52 lks. dist., marked ¼ S BT.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock, and in a mound of stone to top, with the original cor. monument alongside, for ¼ sec. cor., with brass cap marked

¼ S31 / S6

1934

I take additional bearing trees to cor. as follows.

A juniper, 6 ins. diam., bears N. 33°45' E., 24 lks. dist., marked ¼ S31 BT.

A juniper, 8 ins. diam., bears S. 27° E., 52 lks. dist., marked ¼ S6 BT.

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Chains	
	Thence:
	S. 89°41' E., with continuous measurement.
	Reestablishment of surveys executed by A.D. Ferron, U.S. Deputy Surveyor in 1883, and resurveyed by H.D. Heist, U.S. Deputy Surveyor, in 1902.
47.70	Top of sandstone ledge, 30 ft. high, faces E. and bears N. and S.
51.00	Wash in bottom of canyon, 240 ft. below the ¼ sec. cor., drains S.; ascend steep ledgy W. slope.
54.30	Top of sandstone ledge, 40 ft. high, faces W. and bears N. and S. 20° E.
66.50	Top of red sandstone spur, 280 ft. above canyon, projects SW. from the N.; descend ledgy E. slope.
68.50	Draw, 30 ft. below spur, drains SW.; ascend steep W. slope of ledges.
75.00	Top of sandstone ledge, 30 ft. high, faces W. and bears N. and S.
79.31	On ledgy W. slope, 280 ft. above draw.

The cor. of secs. 5, 6, 31, and 32, which is a sandstone, 16 x 14 x 10 ins. above ground, firmly set, marked 5 notch on E. edge and 1 notch on W. edge. Cor. is witnessed by bearing trees as follows.

A dead pinon, 5 ins. diam., bears S. 5°15' E., 23 lks. dist., marked T29S R4E S5 BT.

A pinon, 4 ins. diam., bears S. 43°30' W., 87 lks. dist., upon which I find dim scribe marks.

A pinon, 4 ins. diam., bears N. 13°30' W., 23 lks. dist., marked T28S R4E S31 BT.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for the cor. of secs. 5, 6, 31, and 32; with brass cap marked

T28S R4E	
S31	S32
S6	S5
T29S	

1934

I mark additional bearing trees for cor. as follows.

A pinon, 12 ins. diam., bears N. 60°45' E., 77 lks. dist., marked T28S R4E S32 BT.

A pinon, 6 ins. diam., bears S. 32°30' E., 96 lks. dist., marked T29S R4E S5 BT.

A juniper, 14 ins. diam., bears S. 10°30' W., 33 lks. dist., marked T29S R4E S6 BT.

A pinon, 14 ins. diam., bears N. 82°30' W., 146 lks. dist., marked T28S R4E S31 BT.

U.S. GOVERNMENT PRINTING OFFICE 1934 6—8155

CHAINS	
	Land, rough and mountainous, being broken by red sandstone ledges, with a general easterly and westerly exposure and drains into drams and canyons draining southerly.
	Soil, shallow sand, mixed with white and blue clay and shale; 4th rate. Sandstone formation.
	Undergrowth, scattered sage and black brush, and weeds.
	Timber, medium dense scrub juniper and pinon.
	Fair grazing land.

DEPENDENT RESURVEY PORTION EAST BDY., T. 28 S., R. 3 E.

Reestablishment of surveys executed by Bailey and Burrill, U.S. Deputy Surveyors, in 1876.

Random Lines.

From the cor. of Ts. 28 and 29 S., Rs. 3 and 4 E., heretofore described.

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

39.75 Fall 8 lks. W. of the ¼ sec. cor. secs. 31 and 36, hereinafter described.

The course of this half mile therefore is N. 0°07' E., and the distance is 39.75 chs.

From the ¼ sec. cor:

North, with continuous measurement.

79.75 Find no trace of the cor. of secs. 25, 30, 31, and 36.

The course of the N. half mile bet. secs. 31 and 36, therefore is North, and the distance is 40.00 chs.

True Lines.

From the cor. of Ts. 28 and 29 S., Rs. 3 and 4 E.

N. 0°07' E., on true line, bet. secs. 31 and 36.

Ascend gradually over rolling SW. and S. slope of bench land, through medium dense timber and scattered undergrowth.

17.90 Dim road, bears NW. and SE.

28.50 Small draw, drains W., 1.00 chs. dist., thence S.

39.75 On gradual S. slope, 130 ft. above the township cor.

The ¼ sec. cor. of secs. 31 and 36, which is a volcanic stone, 12 x 10 x 6 ins., loosely set in a mound of stone, marked ¼ on W. face; from which:

A pinon, 16 ins. diam., bears S. 81°30' E., 46 lks. dist., marked US. I mark this tree ¼ S31 BT.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the

Chains

ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for ¼ sec. cor. secs. 31 and 36, with brass cap marked

¼
S36 | S31
1934

I mark an additional bearing tree to cor. as follows.

A pinon, 8 ins. diam., bears S. 42°45' W., 153 lks. dist., marked ¼ S36 BT.

Thence:

North, with continuous measurement.

41.15 Dim wood road, bears NE. and SW.; ascend gradual S. slope of rolling mountainous land.

65.90 Low ridge, 130 ft. above the ¼ sec. cor., bears E. and W.; descend abrupt N. slope.

72.70 Gulch, 115 ft. below ridge, drains W.; ascend steep S. slope of yellow shale ridge.

73.75 Record course and distance from the ¼ sec. cor. secs. 31 and 36; on steep S. slope of yellow shale ridge near top, 155 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and in a mound of stone to top, for the restored cor. of secs. 25, 30, 31, and 36, with brass cap marked

T28S
R3E | R4E
S25 | S30
S36 | S31
1934

from which

A pinon, 10 ins. diam., bears N. 42°30' E., 37 lks. dist., marked T28S R4E S30 BT.

A pinon, 12 ins. diam., bears S. 69°15' E., 123 lks. dist., marked T28S R4E S31 BT.

A pinon, 16 ins. diam., bears S. 27° W., 73 lks. dist., marked T28S R3E S36 BT.

A pinon, 6 ins. diam., bears N. 73° W., 175 lks. dist., marked T28S R3E S25 BT.

Land, rolling bench and mountains, with a general southwesterly exposure and drainage.

Soil, shallow white clay and rock; 4th rate.

Undergrowth, scattered sage and black brush, and weeds.

Timber, medium dense scrub juniper and pinon.

Fair grazing land.

Chains	
	From the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the township.
	North, on random line, along the W. bdy. of the township for alinement only, and intersect the closing cor. of Ts. 27 and 28 S., R. 4 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 4 E.; of this group.
	The course of this portion of the W. bdy. of T. 28 S., R. 4 E., therefore is N.
	Thence:
	From the cor. of secs. 25, 30, 31, and 36.
	North, on true line, along the E. bdy. of sec. 25, T. 28 S., R. 3 E.
	Ascend abrupt S. slope of yellow shale ridge, through scattered timber and undergrowth.
1.30	Top of ridge, 40 ft. above cor., bears N. 85° E. and S. 85° W.; descend abruptly over nearly inaccessible yellow shale breaks on N. side of ridge.
9.70	Old wood road at base of breaks, bears N. 80° E. and S. 80° W.; descend gradual N. slope.
10.70	Small stream, 2 lks. wide, 2 ins. deep, in wash, 50 lks. wide, 8 ft. deep, in bottom of fork of Red Canyon, 300 ft. below ridge, flows S. 80° W.; ascend gradual S. slope of low spur.
17.00	Low spur, 40 ft. above stream, projects SW., about 10.00 chs. dist. to end; from this point, a small spring in dense patch of birch, bears N. 60° E., about 29.00 chs. dist.; descend gradually along W. slope.
23.10	Small stream, 2 lks. wide, 3 ins. deep, in bottom of wash, 60 lks. wide, 30 ft. deep, in fork of Red Canyon, 50 ft. below spur, flows SW. from N. 5° E.; thence ascend gradually along W. side of canyon near bottom.
34.00	Enter dense undergrowth of tall rabbit brush and willows in bottom of fork of Red Canyon, bears N. 20° W. and S. 20° E.; thence across bottom of canyon.
38.47	Point which is South, 40.00 chs. dist. from the closing cor. of secs. 19 and 30, T. 28 S., R. 4 E.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. sec. 30, T. 28 S., R. 4 E., with brass cap marked ¼ S30 1935 deposit a volcanic stone, 12 x 10 x 10 ins., at base of post, marked X. No other suitable accessories available.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. sec. 25, T. 28 S., R. 3 E., with brass cap marked ¼ S25 1935

Chains	
	deposit a volcanic stone, 18 x 12 x 6 ins., at base of post, marked X.
42.10	Stream, 2 lks. wide, 2 ins. deep, in bottom of same canyon as last, 70 ft. above last crossing, flows S. 10° E continue across bottom of canyon through dense undergrowt
44.90	Leave bottom of canyon and ascend steep SW. slope of high ledgy spur, bears N. 10° W. and S. 10° E.
49.50	Dim trail, bears N. 35° W. and S. 35° E.
51.55	Recross trail, bears bears N. 35° E. and S. 35° W.
60.50	Top of red sandstone spur, 410 ft. above bottom of canyon projects S. 10° E. from the N.; thence ascend gradually along top of spur.
66.10	From this point, a small spring at base of ledges in head of fork of Red Canyon, bears East, about 10.00 chs. dist. At one time, the water from this spring was piped to the town of Bicknell, Utah, for culinary purposes.
68.00	Leave top of spur, projects S. from N. 30° E.; thence along ledgy W. slope of spur.
78.47	The closing cor. of secs. 19 and 30, T. 28 S., R. 4 E., subsequently set at this point.
80.00	On ledgy W. slope of spur, 210 ft. above point of entering top of spur.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 24 and 25, T. 28 S., R. 3 E., with brass cap marked

T28S S24	T28S [redacted]
R4E	
S25 R3E	[redacted] S19

1935

from which

A pinon, 12 ins. diam., bears S. 41°15' W., 158 lks. dist., marked T28S R3E S25 BT.

A pinon, 10 ins. diam., bears N. 19°30' W., 40 lks. dist., marked T28S R3E S24 BT.

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

Soil, shallow loose sand and clay, mixed with sandstone; 4th rate.

Undergrowth, scattered sage, rabbit, and black brush; dense rabbit brush and willows along bottom of canyons.

Timber, scattered scrub juniper and pinon.

Good grazing land.

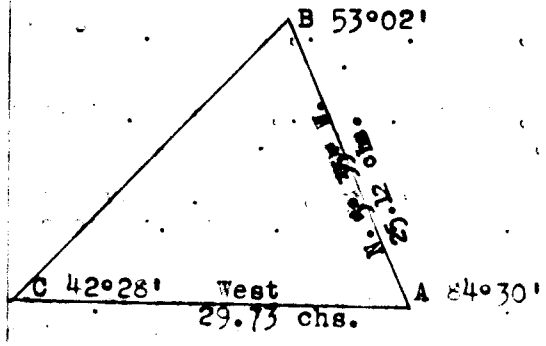
North, along the E. bdy. of sec. 24, T. 28 S., R. 3 E.

The line to the N. of the cor. of secs. 24 and 25, passes over the inaccessible W. breaks of spur, through

Chains

scattered timber and undergrowth, over which it is impossible to chain or project a line, I therefore determine the distance to the N. on a traverse line, by triangulation as follows.

Erect flag "A" at the cor. of secs. 24 and 25, and flag "B" at a point N. 5°30' W. from "A". From "A", survey a base line "AC", West, 29.73 chs. dist. From "C", flags "AB" subtend an angle of 42°28'. From "B", flags "AC" subtend angle of 53°02'. All angles checked by repetition. Vertical angle from "A" to "B" is plus 14°45'.



Distance by triangulation from "A" to "B" is N. 5°30' W., 25.12 chs.
Thence, from point "B" of tringulation, N. 50°35' E., 3.12 chs. to a point on true line, 26.98 chs. North from the cor. of secs. 24 and 25.

Approximate distances to topography on true line.

15.00 Base of perpendicular sandstone ledges at head of fork of Red Canyon, 220 ft. below cor., drains S. 20° W.; small stream, 2 lks. wide, 2 ins. deep, heads in bottom of canyon, S. 20° W., 5.00 chs. dist.; ascend perpendicular walls of head of canyon.

20.00 Top of ledges at head of canyon, bears SW., and NE. 5.00 chs. dist., thence N. 10° E.; thence ascend gradually along broken E. slope on W. side of rocky draw.

26.98 To point of traverse on true line.

32.90 Base of abrupt ascent over steep SE. slope of white sandstone ledges, bears NE. and SW.

38.47 Point midway bet. the closing cor. of secs. 19 and 30, and secs. 18 and 19, T. 28 S., R. 4 E.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 19, T. 28 S., R. 4 E., with brass cap marked

¼ S19

1935

from which

A pinon, 5 ins. diam., bears N. 28° E., 20 lks. dist., marked ¼ S19 BT.

A pinon, 5 ins. diam., bears S. 13° E., 43 lks. dist., marked ¼ S19 BT.

Cor. set on abrupt SE. slope of white sandstone ledges, 600 ft. above the cor. of secs. 24 and 25.

Chains	
40.00	On steep ledgy SE. slope, 25 ft. above the ¼ sec. cor. sec. 19. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 24, T. 28 S., R. 3 E., with brass cap marked ¼ S24 1935 from which A yellow pine, 8 ins. diam., bears S. 60°45' W., 38 lks dist., marked ¼ S24 BT. A yellow pine, 12 ins. diam., bears N. 34°15' W., 102 lks. dist., marked ¼ S24 BT.
47.60	Enter flat top of high ridge, 85 ft. above the ¼ sec. cor sec. 24, bears N. 20° E. and S. 20° W.; thence across top of ridge.
50.60	Bend in top of N. side of ridge, bears SW. and E.; descend abrupt NW. slope, through scattered yellow pine timber.
60.00	Head of small draw, drains NW.; continue descent over NW. slope.
60.40	Bend in 2 inch iron pipe line which carries the culinary water to Bicknell, Utah, bears N. 20° E. and S. 80° W.
61.00	Draw, 180 ft. below ridge, drains W.; ascend steep ledgy SW. slope.
68.76	A 30 in. yellow pine on line, which I mark with 2 notches on N. and S. faces for a line tree.
70.40	Spur, 85 ft. above draw, projects W.; descend abruptly over standstone ledges.
72.30	Sandstone gulch, 75 ft. below spur, drains W.; ascend over broken sandstone ledges.
75.39	On sandstone ledges, 90 ft. above gulch, mark a cross (X) on the surfacerock, over which: Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone to its top, for witness cor. to the cor. of secs. 13 and 24, T. 28 S., R. 3 E., and also for witness cor. to the closing cor. of secs. 18 and 19, T. 28 S., R. 4 E., with brass cap marked WC T28S R3E | R4E S13 | S18 S24 | S19 1935 from which A yellow pine, 12 ins. diam., bears S. 80° E., 85 lks. dist., marked WC T28S R4E S19 CC BT. No other suitable bearing trees available. The line to the N. of this cor., passes over steep SW. face of sandstone ledges, over which it is impossible to chain.

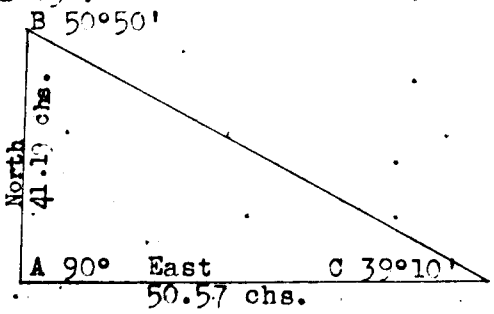
SURVEY OF A PORTION EAST BOUNDARY, T. 28 S., R. 3 E.

Chains	
78.47	Point for the closing cor. of secs. 18 and 19, T. 28 S., R. 4 E., falls on the inaccessible SW. face of sandstone ledges. No cor. set.
80.00	Point for the cor. of secs. 13 and 24, T. 28 S., R. 3 E., falls on inaccessible SW. face of sandstone ledges; no cor. set.
	Land, mostly all inaccessible white and red sandstone ledges, with a general northerly and southwesterly exposure and drainage.
	Soil, pockets of shallow loose sand in the sandstone ledges; 4th rate.
	Undergrowth, scattered sage and black brush and weeds.
	Timber, scattered scrub juniper, pinon, and yellow pine.
	Poor grazing land.

North, along the E. bdy. sec. 13, T. 28 S., R. 3 E.

The line to the N. of the witness cor. to the cor. of secs. 13 and 24, T. 28 S., R. 3 E., passes over the inaccessible SW. breaks of high ridge, over which it is impossible to chain. It being impossible to reach the true point for the cor. of secs. 13 and 24, I commence at the witness cor. to the cor. of said secs., which is South, 4.61 chs. dist. from the true cor. point, and determine the distance by triangulation as follows.

Erect flag "A" at the witness cor., and flag "B" on line north. From "A", survey base line "AC", East, 50.57 chs. dist. From "C", "AB" subtends an angle of 39°10'. From "B", line "AC" subtends an angle of 50°50'. All angles checked by repetition. Vertical angle from "A" to "B" is plus 12°45'.



Distance by triangulation "A" to "B"	41.19 chs.
Distance from "A" to true point for cor. secs. 13 and 24	4.61 chs.
	36.58 chs.

36.58	To point "B" of triangulation at top of sharp ridge, which at this point is rimmed with perpendicular ledge, 30 ft. high, 620 ft. above the witness cor. to the cor. of secs. 13 and 24, bears S. 10° E. and N. 10° W.; thence ascend gradually along E. side of top of ridge.
38.46	Point midway bet. the closing cor. of secs. 7 and 18, and the true point for the closing cor. of secs. 18 and 19, T. 28 S., R. 4 E.; on shale point from ridge, projects E. 15 lks. dist. to end, mark a cross (X) on the surfacerock, over which:

SURVEY OF A PORTION EAST BOUNDARY, T. 28 S., R. 3 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone to its top, for ¼ sec. cor. sec. 18, T. 28 S., R. 4 E., with brass cap marked ¼ S18 1935 from which A cat-tail pine, 8 ins. diam., bears S. 70° E., 32 lks. dist., marked ¼ S18 BT. No other bearing tree available.
40.00	At base of perpendicular ledge on E. side of ridge, bears N. 10° W. and S. 10° E. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 13, T. 28 S., R. 3 E., with brass cap marked ¼ S13 1935 from which A yellow pine, 12 ins. diam., bears S. 5° W., 153 lks. dist., marked ¼ S13 BT. A cat-tail pine, 20 ins. diam., bears N. 35° W., 47 lks dist., marked ¼ S13 BT.
53.00	Recross top of ridge, 120 ft. above last crossing, bears N. 20° E. and S. 10° W.; descend gradually along steep W. slope of high peak on ridge.
56.10	From this point, top of high peak on ridge, bears East, 5.00 chs. dist.
60.90	Slope changes from a steep W. slope to a steep N. slope, bears E. and W.
73.50	Draw, 590 ft. below ridge, drains S. 70° W.; ascend abrupt S. slope.
78.45	The closing cor. of secs. 7 and 18, T. 28 S., R. 4 E., subsequently set at this point.
80.00	On broken S. slope, 100 ft. above draw. Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 12 and 13, T. 28 S., R. 3 E., with brass cap marked T28S | T28S S12 | R4E S13 | S7 R3E 1935 from which A yellow pine, 30 ins. diam., bears S. 70°45' W., 116 lks. dist., marked T28S R3E S13 BT. A pinon, 8 ins. diam., bears N. 39° W., 34 lks. dist., marked T28S R3E S12 BT.

Chains	
	Land, rough and mountainous, being broken by inaccessible sandstone ledges, with a general westerly and southwesterly exposure and drainage.
	Soil, shallow pockets of loose sand; 4th rate.
	Undergrowth, scattered sage and black brush.
	Timber, scattered scrub juniper, pinon, cat-tail, white, and yellow pine.
	Fair grazing land.
	North, along the E. bdy. of sec. 12, T. 28 S., R. 3 E.
	Over general W. slope of rolling mountainous land, through scattered timber and undergrowth.
16.10	Wood road, bears N. 85° E. and S. 85° W.
18.00	Draw, 30 lks. wide, 6 ft. deep, drains W.; spring in draw from which the town of Bicknell, Utah, obtains its culinary water, bears easterly about 38.00 chs. dist.
23.50	Bottom of main draw, 50 ft. below cor., drains W.; ascend abrupt S. slope.
32.20	Spur, 150 ft. above draw, projects S. 80° W.; descend abrupt NW. slope.
38.45	Point which is midway bet. the closing cor. of secs. 6 and 7, and secs. 7 and 18, T. 28 S., R. 4 E.; on steep NW. slope, 110 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 7, T. 28 S., R. 4 E., with brass cap marked ¼ S7 1935 from which
	A red pine, 10 ins. diam., bears N. 18°30' E., 9 lks. dist., marked ¼ S7 BT.
	A cat-tail pine, 6 ins. diam., bears S. 31° E., 20 lks. dist., marked ¼ S7 BT.
40.00	On steep NW. slope, 50 ft. below the ¼ sec. cor. sec. 7
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 12, T. 28 S., R. 3 E., with brass cap marked ¼ S12 1935 from which
	A cat-tail pine, 8 ins. diam., bears S. 27°45' W., 21 lks. dist., marked ¼ S12 BT.
	A cat-tail pine, 10 ins. diam., bears N. 34°15' W., 34 lks. dist., marked ¼ S12 BT.
42.40	Draw, 35 ft. below the ¼ sec. cor. sec. 12, drains W.; ascend gradually over rolling SW. slope.

Chains	
53.10	Small spur, 80 ft. above draw, projects W.; descend steep NW. slope.
56.20	Bottom of main draw, 75 ft. below spur, drains SW.; ascend abrupt SW. slope.
56.50	Base of broken sandstone ledges, bears NE. and SW.
59.00	Top of ledges, bears NE. and SW.; ascend steep S. slope.
70.50	Timber becomes more scattered, bears E. and W.
74.20	Slope changes from a steep S. slope to a steep W. slope.
78.45	The closing cor. of secs. 6 and 7, T. 28 S., R. 4 E., subsequently set at this point.
80.00	On gradual W. slope, 325 ft. above main draw.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 1 and 12, T. 28 S., R. 3 E., with brass cap marked

T28S S1	T28S R4E
S12 R3E	S6

1935

from which

A red pine, 20 ins. diam., bears S. 11°30' W., 337 lks. dist., marked T28S R3E S12 BT.

No other suitable bearing tree available.

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

Soil, deep white clay and gravel; 3rd rate.

Undergrowth, scattered sage and black brush and weeds.

Timber, scattered scrub juniper and pinon, white, red, yellow, and cat-tail pine.

Good grazing land.

North, along the E. bdy. of sec. 1, T. 28 S., R. 3 E.

Ascend gradually over rolling W. slope of mountainous land through scattered timber and undergrowth.

5.90	Spur, 25 ft. above sec. cor., projects N. 60° W.; descend steep NW. slope.
9.20	Draw, 100 ft. below spur, drains W., 2.00 chs. dist., thence S. 75° W.; ascend steep SW. slope.
37.00	Top of ascent and enter medium dense timber, bears E. and W.; descend gradually along W. slope.
38.45	Point which is North, 40.00 chs. dist. from the closing cor. of secs. 6 and 7, on gradual W. slope, 185 ft. above draw.

SURVEY OF A PORTION EAST BOUNDARY, T. 28 S., R. 3 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 6, T. 28 S., R. 4 E., with brass cap marked ¼ S6 1935 from which
	A red pine, 12 ins. diam., bears N. 80°30' E., 70 lks. dist., marked ¼ S6 BT.
	A red pine, 12 ins. diam., bears S. 17°45' E., 74 lks. dist., marked ¼ S6 BT.
40.00	On gradual W. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 1, T. 28 S., R. 3 E., with brass cap marked ¼ S1 1935 from which
	A red pine, 36 ins. diam., bears S. 19° W., 94 lks. dist., marked ¼ S1 BT.
	A red pine, 20 ins. diam., bears N. 60° W., 122 lks. dist., marked ¼ S1 BT.
41.46	A red pine, 24 ins. diam., on line, which I mark with 2 notches on N. and S. faces for a line tree.
58.30	Draw, 100 ft. below the ¼ sec. cor. sec. 6, drains W.; ascend steep S. slope.
62.70	Spur, 70 ft. above draw, projects W., 7.00 chs. dist. to end; descend steep NW. slope.
66.00	Draw, 105 ft. below spur, drains W., 5.00 chs. dist., thence SW.; ascend steep S. slope.
72.25	The closing cor. of Ts. 27 and 28 S., R. 4 E., 180 ft. above draw.
	From this cor., the cor. of Ts. 27 and 28 S., R. 3 E., bears North, 7.18 chs. dist.
	Cors. are iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 4 E., of this group.
	Land, rolling and mountainous, with a general southwesterly exposure and drainage.
	Soil, deep white clay and gravel; 3rd rate.
	Undergrowth, scattered sage and black brush, and weeds.

SURVEY OF A PORTION WEST BOUNDARY, T. 28 S., R. 4 E.

Chains

Timber, scattered clumps of spruce, red, white, yellow, and cat-tail pine.

Good grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Reestablishment of surveys executed by H. D. Heist, U. S. Deputy Surveyor, in 1902.

The following field notes of the dependent resurvey of portion of subdivisional lines are the record of the true line courses and distances of the restoration of the original subdivisional lines in their true positions as adjusted to the identified evidence.

Before reconstructing or restoring the corners, the lines of the original survey were retraced, and search made for evidence of the original corner monuments or other calls of the field notes. When duly identified or restored, the positions were remonumented.

The retracement data were submitted for office examination and verification. In order to simplify the record, the true line notes only are supplied here, which refer to the completed resurveys.

The cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the township, is a volcanic stone, 16 x 16 x 20 ins., firmly set, marked 5 notches on W. edge and 1 notch on E. edge. Cor. is witnessed by a mound of stone, 2 ft. base, 1½ ft. high, to the W. of the cor. monument.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument along side, for cor. of secs. 1, 2, 35, and 36, with brass cap marked

T28S R4E
S35 | S36
S2 | S1
T29S

1934

from which

A juniper, 6 ins. diam., bears N. 43°15' E., 107 lks. dist., marked T28S R4E S36 BT.

A pinon, 6 ins. diam., bears S. 61° E., 132 lks. dist., marked T29S R4E S1 BT.

A pinon, 6 ins. diam., bears S. 25° W., 72 lks. dist., marked T29S R4E S2 BT.

Chains	
	A juniper, 6 ins. diam., bears N. 30° W., 29 lks. dist., marked T28S R4E S35 BT.
	Thence:
	N. 0° 04' W., on true line, bet. secs. 35 and 36.
	Ascend gradually along broken W. slope of spur and broken mountainous land, through scattered scrub juniper and pinon timber, and undergrowth of sage, black, and rabbit brush, and weeds.
13.50	Spur, 90 ft. above cor., projects S. 20° E. from NW.; descend abrupt rocky NE. slope.
21.40	Enter rolling bottom of Wide Hollow, bears SE. and NW.
26.00	Wash, 50 lks. wide, 12 ft. deep, in bottom of Wide Hollow, drains E.
27.00	Main wash in Wide Hollow, 70 lks. wide, 12 ft. deep, drains SE., 3.00 chs. dist., thence E.
32.80	Wash, 50 lks. wide, 12 ft. deep, in bottom of Wide Hollow, drains SE.
34.40	Leave bottom lands of Wide Hollow, bears NW. and SE., and ascend gradually along broken W. slope of E. breaks of fork of Wide Hollow.
40.00	Proportionate distance; on W. slope, 70 ft. above bottom of Wide Hollow.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. secs. 35 and 36, with brass cap marked ¼ S35 | S36 1934
	from which
	A pinon, 12 ins. diam., bears N. 30°30' E., 267 lks. dist., marked ¼ S36 BT.
	A juniper, 7 ins. diam., bears N. 69°15' W., 103 lks. dist., marked ¼ S35 BT.
56.90	Spur, 190 ft. above the ¼ sec. cor., projects NW., 5.00 chs. dist. to end; descend abrupt ledgy N. slope.
62.10	Draw, 125 feet below spur, drains W., 5.00 chs. dist. to junction with fork of Wide Hollow; ascend W. slope.
80.00	Proportionate point; on W. slope, 120 ft. above draw.

Chains

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

T28S R4E
S26 | S25
S35 | S36

1934

from which

A pinon, 7 ins. diam., bears N. 57° E., 175 lks. dist., marked T28S R4E S25 BT.

A pinon, 5 ins. diam., bears S. 57°15' E., 98 lks. dist., marked T28S R4E S36 BT.

A pinon, 4 ins. diam., bears N. 24°45' W., 52 lks. dist., marked T28S R4E S26 BT.

No suitable bearing tree available in sec. 35.

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

Soil, shallow blue and white clay, mixed with rock; 4th rate.

Undergrowth, scattered sage, black, and rabbit brush, and weeds.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 28 S., R. 5 E.

S. 89°51' W., on true line, bet. secs. 25 and 36.

Ascend abruptly over perpendicular ledges which form the W. rim of a boxed gulch.

6.50 Top of rim at head of boxed gulch, 150 ft. above cor., bears N. 2.00 chs., thence N. 80° E., and S. 20° E., 5.00 chs., thence E.; ascend gradually over broken E. slope, through scattered timber and undergrowth.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
37.00.	Base of abrupt. ascent over E. face of nearly inaccessible red sandstone ledges, bears SE. and N. 10° W.
39.96	Proportionate distance, and true point for the ¼ sec. cor. secs. 25 and 36, falls on E. face of ledges where it is impracticable to set a cor. No. corner set.
46.87	At top of high vertical ledge, 660 ft. above sec. cor., bears N. and S.; mark a cross (X) on the surfacerock, over which Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone to its top, for witness cor. to the ¼ sec. cor. secs. 25 and 36, with brass cap marked ¼ S25 / S36 WC 1934 No other suitable accessories available. Thence ascend gradually over broken E. face of ledges.
56.00	Top of ascent on spur, 135 feet above the witness cor. to the ¼ sec. cor., projects N.; low saddle in spur, bears North, about 15.00 chains distant; descend abrupt NW. slope over nearly inaccessible sandstone ledges.
62.20	Top of high vertical ledge, faces NW. and bears NE. and S. 20° W.
79.92	The cor. of secs. 25, 26, 35, and 36, 810 ft. below top of spur. Land, broken by high ledges and sandstone outcroppings, with a general easterly and westerly exposure and drainage. Soil, shallow sand and clay, mixed with sandstone; 4th rate. Undergrowth, scattered sage and black brush, silver leaf, and weeds. Timber, scattered scrub juniper and pinon. Fair grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	N. 0° 01' W., on true line, bet. secs. 25 and 26.
	Descend gradually along ledgy W. slope of rough mountainous land, through scattered timber and undergrowth.
9.90	Bottom of main draw, 85 ft. below cor., drains SW.; ascend abruptly over steep SE. slope.
20.00	Ascent becomes more gradual, bears NE. and SW.
27.00	Base of high nearly perpendicular sandstone ledge, faces S. and bears E. and W.; thence ascend ledge over which it is nearly impossible to chain.
31.90	Top of ledge, 1030 feet above draw, bears E. and W.; thence ascend gradually over SE. slope of sandstone outcroppings.
40.00	On SE. slope, 55 ft. above rim of ledge.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the restored ¼ sec. cor. secs. 25 and 26, with brass cap marked

¼

S26 | S25

1934

from which

A pinon, 10 ins. diam., bears S. 29° 30' E., 46 lks. dist., marked ¼ S25 BT.

A pinon, 12 ins. diam., bears S. 48° 30' W., 31 lks. dist., marked ¼ S26 BT.

45.00	Spur, 25 ft. above the ¼ sec. cor.; thence over rolling bench land, projects E.
64.50	Top of abrupt descent over N. slope, bears E. and W.
77.30	Wash, 40 lks. wide, 5 ft. deep, in wide draw, 150 ft. below spur, drains E.
80.00	On level sandy bench land.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the restored cor. of secs. 23, 24, 25, and 26, with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains

T28S R4E
S23 | S24
S26 | S25

1935

from which

A pinon, 14 ins. dia., bears N. 39°30' E., 467 lks. dist., marked T28S R4E S24 BT.

A juniper, 12 ins. diam., bears S. 67°15' E., 129 lks. dist., marked T28S R4E S25 BT.

A pinon, 12 ins. diam., bears S. 17° W., 194 lks. dist., marked T28S R4E S26 BT.

A pinon, 12 ins. diam., bears N. 22°45' W., 145 lks. dist., marked T28S R4E S23 BT.

Land, broken sandstone ledges and rolling bench land, with a general southerly and northeasterly exposure and drainage.

Soil, shallow loose sand and clay, with outcroppings of sandstone; 3rd rate.

Undergrowth, scattered and dense sage and black brush, and weeds.

Timber, scattered scrub juniper and pinon.

Fair grazing land.

From the ¼ sec. cor. secs. 34 and 35, which is a sandstone, 15 x 12 x 10 inches above ground, firmly set, marked ¼ on W. face. Cor. is witnessed by bearing trees as follows:

A juniper, 10 ins. diam., bears N. 73° E., 28 lks. dist., marked ¼ S35 BT. As these marks are dim, I blaze tree and remark it ¼ S35 BT.

A pinon, 5 ins. diam., bears N. 78° W., 18 lks. dist., marked ¼ S34 BT. As these marks are dim, I blaze and remark tree ¼ S34 BT.

At the cor. point:

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor., with brass cap marked
	¼ S34 | S35 1934
	Thence:
	N. 0° 02' E., on true line, bet. secs. 34 and 35.
	Over rolling bench land, through scattered timber and undergrowth.
10.10	Base of abrupt ascent over nearly inaccessible sandstone ledges, bears N. 80° W. and S. 80° E.
19.50	Top of ascent on ledges, 660 ft. above the ¼ sec. cor., bears N. 80° W. and S. 80° E.; descend gradually over ledgy N. slope.
32.70	Descent becomes abrupt, bears W., and E. 1.50 chains distant to top of sharp sandstone ridge bearing North and South.
40.00	Proportionate point; on sandstone surfacerock, 150 feet below top of ascent, mark a cross (X), over which:
	Set an iron post, 3 ft. long, 2 inches diam., in a large mound of stone to its top, for the restored corner of secs. 26, 27, 34, and 35, with brass cap marked
	T28S R4E S27 | S26 S34 | S35 1934
	from which
	A pinon, 4 ins. diam., bears N. 59° E. 24 lks. dist., marked T28S R4E S26 BT.
	A pinon, 18 ins. diam., bears S. 51°30' E., 81 lks. dist., marked T28S R4E S35 BT.
	A pinon, 10 ins. diam., bears S. 4° W., 69 lks. dist., marked T28S R4E S34 BT.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	A pinon, 7 ins. diam., bears N. 7° W., 66 lks. dist., marked T28S R4E S27 BT.
	Land, rolling bench and sandstone ledges, with a general southerly and northerly exposure and drainage.
	Soil, shallow loose sand and rock; 3rd rate.
	Undergrowth, scattered weeds, sage and black brush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.
	From the cor. of secs. 25, 26, 35, and 36.
	N. 89° 56' W., on true line, between sections 26 and 35.
	Descend abrupt W. slope of broken mountainous land, through scattered timber and undergrowth.
5.20	Draw, 150 ft. below cor., trains S. 20° E.; ascend steep E. slope.
9.00	Small clay spur, projects SE., 6.00 chs. dist. to end; thence along broken S. slope.
16.80	The E. base of point of ledges from a hi mesa to the N., bears NE. and SW.
	From this point, a small seep at head of small gulch draining southeast., bears South, 2.50 chains distant. Dense brush and scattered cottonwood trees found around seep.
25.90	Top of ascent on South face of ledges, 320 feet above draw, slopes S., about 9.00 chs. dist. to base; descend abrupt SW. face of ledges.
35.00	The West base of ledges, at East side of Wide Hollow, bears Northwest and Southeast., 210 feet below top of ledge; thence across Wide Hollow, through dense timber.
39.98	Proportionate point, in bottom of Wide Hollow.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored ¼ sec. cor. secs. 26 and 35, with brass cap marked

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 28 S., R. 4 E.

Chains

S26
¼
S35
1934

from which

A pinon, 10 ins. diam., bears S. 60° E., 44 lks. dist., marked ¼ S35 BT.

A juniper, 24 ins. diam., bears N. 25° W., 43 lks. dist., marked ¼ S26 BT.

40.60 Small intermittent stream, 2 lks. wide, 1 in. deep, in draw, 5.00 chs. wide, 60 ft. deep, in bottom of Wide Hollow, flows SE.; continue across bottom lands of Wide Hollow.

57.20 Wood road, bears NW. and SE.

67.20 Base of abrupt ascent over broken sandstone ledges at West side of Wide Hollow, bears N. 10° W. and S. 10° E.

76.60 Top of sharp sandstone ridge, 440 feet above Wide Hollow, bears N. 10° W. and S. 10° E.; descend abruptly over broken West slope of sandstone ledges.

79.97 The cor. of secs. 26, 27, 34, and 35, 200 ft. below top of sandstone ridge.

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

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

Undergrowth, scattered sage and black brush, and weeds.

Timber, scattered and dense scrub juniper and pinon.

Fair grazing land.

N. 0° 01' W., on true line, bet. secs. 26 and 27.

Ascend abruptly along broken West face of sandstone ridge, through medium dense timber and scattered undergrowth.

12.50 Top of sandstone ridge, 150 ft. above cor., bears N. 20° W., and S. 20° E.; descend gradually along broken W. face of ledges.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
40.00	On broken E. face of ledges and E. breaks of a high wide ridge to the W.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored ¼ sec. cor. secs. 26 and 27, with brass cap marked
	¼ S27 | S26 1934
	from which
	A pinon, 7 ins. diam., bears S. 42° E., 6 lks. dist., marked ¼ S26 BT.
	A pinon, 10 ins. diam., bears S. 73° W., 36 lks. dist., marked ¼ S27 BT.
	Land, broken sandstone ledges, with a general easterly and westerly exposure and drainage.
	Soil, shallow pockets of loose sand and clay in the depressions of the sandstone ledges; 4th rate.
	Undergrowth, scattered sagebrush and weeds.
	Timber, medium dense scrub juniper and pinon.
	Poor grazing land.
	From the cor. of secs. 26, 27, 34, and 35.
	S. 89°55' W., on true line, bet. secs. 27 and 34.
	Descend abruptly over broken general NW. face of sandstone ledges, through scattered timber and undergrowth.
15.50	Draw at base of ledges bearing N. 60° E. and S. 30° W., 370 ft. below cor., drains S. 30° W.; thence over rolling bench land.
24.90	Wash, 10 lks. wide, 3 ft. deep, drains S. 15° W.; leave timber, bears N. and S.
27.90	Wash, 15 lks. wide, 10 ft. deep, drains S. 10° W.
34.70	Wash, 40 lks. wide, 10 ft. deep, drains S., 2.50 chs. dist., thence S. 15° W.
39.05	Small spring branch in wash, 90 lks. wide, 2 ft. deep, flows SE., 2.00 chs. dist., thence S.
39.97	Proportionate point; on sandy bench land.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored ¼ sec. cor. secs. 27 and 34, with brass cap marked
	¼ S27 S34 1934
	from which

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 1

Chains	
	A pinon, 18 ins. diam., bears S. 77°30' W., 147 lks. dist., marked ¼ S34 BT.
	A pinon, 6 ins. diam., bears N. 62° W., 123 lks. dist., marked ¼ S27 BT.
	From this cor., a small spring of good water, in dense patch of birch, bears N. 7° W., 9.50 chs. dist.
41.00	Enter dense juniper and pinon timber, bears N. 20° E. and S. 30° E.
44.80	The base of the S. point of high ledge from flat topped ridge to the N., bears North, 2.00 chs. dist.
45.75	Wood road, bears N. 55° W. and SE.
47.00	Wash, 25 lks. wide, 5 ft. deep, drains S. 20° E.
54.70	Wash, 30 lks. wide, 8 ft. deep, drains S. 15° E.
55.60	Sand Creek, stream 4 lks. wide, 8 ins. deep, in wash, 30 lks. wide, 10 ft. deep, flows S. 15° E.
56.20	Leave timber, bears N. 50° W. and S. 30° E.; thence through dense undergrowth of sage and rabbit brush.
66.60	Brown's Creek, stream 3 lks. wide, 2 ins. deep, in wash, 1.50 chs. wide, 40 ft. deep, flows S. 40° E.; enter dense juniper and pinon timber, bears NW. and SE.
74.10	Wash, 30 lks. wide, 8 ft. deep, drains S. 50° E.
76.50	Base of abrupt ascent over steep broken NE. slope, bears NW. and SE.
79.94	The cor. of secs. 27, 28, 33, and 34, which is a sandstone boulder, 6 x 5 x 4 ft. above ground, marked with a cross (X) on its top face, and 1 groove to the S. and 3 grooves to the E. of the cross. Cor. is witnessed by bearing trees as follows.
	A pinon limb, 5 ins. diam., bears N. 66° E., 10 lks. dist., marked T28S R4E S27 BT.
	A juniper, 10 ins. diam., bears S. 30° E., 21 lks. dist., marked T28S R4E S34 BT.
	A pinon, 6 ins. diam., bears S. 81° W., 46 lks. dist., marked T28S R4E S33 BT.
	A juniper, 12 ins. diam., bears N. 32° W., 55 lks. dist., marked T28S R4E S28 BT.
	As all the markings on the bearing trees are dim, I blaze and remark all the trees.
	At the cor. point, over the cross (X) on the cor. monument.
	Set an iron post, 3 ft. long, 2 ins. in diam., in a large mound of stone to its top, for cor. of secs. 27, 28, 33, and 34, with brass cap marked

T28S | R4E	
S28	S27
S33	S34

1934

Chains	
	Land, broken sandstone ledges and rolling benches, with a general southerly exposure and drainage.
	Soil, deep loose sand; 3rd rate.
	Undergrowth, scattered and dense sage, rabbit, and black brush, and weeds.
	Timber, scattered and dense scrub juniper and pinon.
	Fair grazing land.

	N. 0°02' W., on true line, bet. secs. 27 and 28.
	Descend broken NE. slope of mountainous land, through dense timber and undergrowth.
3.00	Base of descent and leave timber, 25 ft. below cor., bears NW. and SE.; ascend gradual SW. slope of sandy bench land.
11.75	Brown's Creek, stream 2 lks. wide, 2 ins. deep, in Wash, 2.00 chs. wide, 45 ft. deep, flows S. 65° E. from NW.
22.40	Base of abrupt ascent over broken SW. face of sandstone ledges, bears NW. and SE.
28.60	Top of ledges, 345 ft. above Brown's Creek, bears NW. and SE.; ascend gradually over broken SW. slope through dense timber and undergrowth.
40.00	Record course and distance:
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for the restored ¼ sec. cor. secs. 27 and 28, with brass cap marked ¼ S28 | S27 1934 from which
	A pinon, 8 ins. diam., bears S. 12°15' E., 96 lks. dist., marked ¼ S27 BT.
	A pinon, 14 ins. diam., bears N. 51° W., 38 lks. dist., marked ¼ S28 BT.
	Cor. set at base of ledge, 20 ft. high, bears N. 20° W., and S. 20° E.
40.40	Top of the NW. end of broken sandstone butte on spur, 80 ft. above top of ledges, projects S. 20° E.; descend abruptly over broken NE. slope.
69.30	Draw, 265 ft. below spur, drains SE.; ascend gradually along along broken E. slope near E. base of same.
70.40	Sandy spur, 20 ft. above draw, projects SE.; 5.00 chs. dist. to end; descend gradual NE. slope.
74.00	Wash, 30 lks. wide, 10 ft. deep, in gulch, 20 ft. below spur, drains SE.; ascend gradually along broken E. slope of sandy land.
75.40	Base of ledges, bears N. 60° W. and S. 60° E.; thence over broken SW. slope of same.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
80.00	Record course and distance:
	Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to solid rock and in a mound of stone to top, for the restored cor. of secs. 21, 22, 27, and 28, with brass cap marked
	T28S | R4E S21 | S22 S28 | S27 1934
	from which
	A pinon, 10 ins. diam., bears N. 78° E., 39 lks. dist., marked T28S R4E S22 BT.
	A pinon, 16 ins. diam., bears S. 35°30' E., 45 lks. dist., marked T28S R4E S27 BT.
	A pinon, 12 ins. diam., bears S. 11° W., 52 lks. dist., marked T28S R4E S28 BT.
	A pinon, 9 ins. diam., bears N. 49° W., 82 lks. dist., marked T28S R4E S21 BT.
	Cor. set on ledgy SW. slope, 75 ft. above gulch.
	Land, broken sandstone ledges and rolling bench land, with a general easterly exposure and drainage.
	Soil, deep and shallow loose sand, mixed with rock; 3rd rate.
	Undergrowth, dense sage, rabbit, and black brush, and weeds.
	Timber, dense scrub juniper and pinon on portions of mile
	Fair grazing land.

	From the cor. of secs. 27, 28, 33, and 34.
	S. 89°48' W., on true line, bet. secs. 28 and 33.
	Ascend steep broken NE. slope of ledges and rough mountainous land, through dense timber and undergrowth.
8.80	Top of ascent, 145 ft. above cor., bears N. and S.; descend abrupt ledgy NW. slope.
10.20	Draw, 20 ft. below top of ascent, drains N. 20° E.; ascend abrupt E. face of sandstone ledges.
12.50	Top of sandstone ledge, faces E., 100 ft. high, bears N. 20° E., and S. 3.00 chs. dist. to end; thence ascend broken NE. slope over ledges.
23.40	Spur, 370 ft. above draw, projects N.; descend gradual NW. slope.
31.90	Draw, 60 ft. below spur, drains N. 20° E.; ascend abrupt E. slope.
33.20	Spur, 50 ft. above draw, projects N., 6.00 chs. dist. to end; descend gradual W. slope.

DEPENDENT RESURVEY PORTION SUBDIVISION; T. 28 S., R. 4 E.

Chains	
36.80	Draw, 20 ft. below spur, drains N. 20° E., 5.00 chs., thence NE.; ascend abrupt ledgy E. slope.
39.30	Top of sandstone ledge, 30 ft. high, faces E. and bears N. and S.; ascend gradual E. slope.
40.12	The ¼ sec. cor. secs. 28 and 33, which is a sandstone, 18 x 8 x 3 ins., loosely set, marked ¼ on N. face. Cor. is witnessed by bearing trees as follows. A pinon, 8 ins. diam., bears N. 57°15' E., 81 lks. dist., marked ¼ S28 BT. A pinon, 10 ins. diam., bears S. 77° W., 68 lks. dist., marked ¼ S33 BT. As the markings on both these bearing trees are dim, I blaze and remark both trees. At the cor. point: Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor. secs. 28 and 33, with brass cap marked S28 ¼ S33 1934 Cor. set on gradual E. slope, 100 ft. above draw. Thence: S. 89°55' W., with continuous measurement.
58.00	Rolling top of ridge, 60 ft. above the ¼ sec. cor., bears S. 60° E., and N. 30° W., about 12.50 chs. dist. to the SE. point of high red sandstone ledges on ridge; descend gradually along rolling SW. slope.
72.40	Draw, 80 ft. below ridge, drains S.; ascend gradual SE. slope.
78.60	Spur, 20 ft. above draw, projects S.; descend gradual SW. slope.
79.99	On gradual SW. slope, 10 ft. below spur. The cor. of secs. 28, 29, 32, and 33, which is a volcanic stone, 14 x 12 x 5 ins. above ground, firmly set, marked 1 notch on S. edge and 4 notches on E. edge. Cor. is witnessed by bearing trees as follows. A juniper limb, 8 ins. diam., bears N. 72° E., 36 lks. dist., marked T28S R4E S28 BT. A pinon, 16 ins. diam., bears S. 57° E., 101 lks. dist., marked T28S R4E S33 BT. A pinon, 10 ins. diam., bears S. 22°45' W., 57 lks. dist., marked T28S R4E S32 BT. A pinon, 6 ins. diam., bears N. 52°30' W., 16 lks. dist., marked T28S R4E S29 BT. As the bearing trees in secs. 32 and 33 are dimly marked and the bearing trees in secs. 28 and 29 are dying, I

DEPENDENT RESURVEY PORTION SUBDIVISION; T. 28 S., R. 4 E.

Chains

Blaze and remark the bearing trees in secs. 32 and 33, and take additional bearing trees in secs. 28 and 29 as follows.

A pinon, 10 ins. diam., bears N. 75°30' E., 67 lks. dist., marked T28S R4E S28 BT.

A pinon, 14 ins. diam., bears N. 29°15' W., 73 lks. dist., marked T28S R4E S29 BT.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 28, 29, 32, and 33, with brass cap marked

T28S S29	R4E S28
S32	S33

1934

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

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

Undergrowth, dense sage, black, and rabbit brush, and weeds.

Timber, dense scrub juniper and pinon.

Fair grazing land.

N. 0°03' W., on true line; bet. secs. 28 and 29.

Ascend gradual SW. slope of broken mountainous land, thro dense timber and scattered undergrowth.

3.80 Begin abrupt ascent over broken SW. face of sandstone ledges, bears N. 60° W. and S. 60° E.

14.00 Ascent becomes more gradual, bears NW. and SE.

40.00 Record course and distance; on gradual SW. slope, 925 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for the restored ¼ sec. cor. secs. 28 and 29, with brass cap marked

	¼
S29	S28

1934

from which

A pinon, 12 ins. diam., bears S. 36° E., 24 lks. dist., marked ¼ S28 BT.

A pinon, 14 ins. diam., bears N. 81° W., 57 lks. dist., marked ¼ S29 BT.

44.00 Ridge, 40 ft. above the ¼ sec. cor., bears NW. and SE.; descend gradually over broken NE. slope.

Chains	
55.60	Head of draw, 70 ft. below ridge, drains E.; from this point, top of high densely timbered peak on ridge, bears West, 7.00 chs. dist.; ascend gradually along broken E. slope of sandstone ledges.
62.20	Spur, 50 ft. above head of draw, projects E.; descend gradually over broken NE. slope.
63.80	Ridge, 20 ft. below spur, bears N. 10° E. and SW.; from this point on ridge, a large main spur projects NE.; descend abruptly along ledgy W. slope of ridge.
80.00	Record course and distance; true point for the cor. of secs. 20, 21, 28, and 29, falls on steep W. face of sandstone ledge, 420 ft. below ridge, where it is impracticable to set a cor.; therefore, at a point, West, 50 lks. dist. from the true cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for witness cor. to the cor. of secs. 20, 21, 28, and 29, with brass cap marked

T26S | R4E	
320 | 321	
——— + ———	WC
329 | 328	

1934

from which

A red pine, 5 ins. diam., bears N. 25°15' E., 31 lks. dist., marked WC T26S R4E S20 BT.

A red pine, 5 ins. diam., bears S. 4°15' E., 8 lks. dist., marked WC T26S R4E S29 BT.

A red pine, 12 ins. diam., bears S. 4°15' W., 24 lks. dist., marked WC T26S R4E S29 BT.

A red pine, 12 ins. diam., bears W. [illegible] W., 26 lks. dist., marked WC T26S R4E S20 BT.

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

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

Undergrowth, scattered weeds, sage, and black brush.

Timber, dense scrub juniper and pinon and scattered red pine.

Fair grazing land.

From the cor. of secs. 21, 22, 27, and 28.

S. 89°57' W., on true line, bet. secs. 21 and 28.

Descend broken SW. slope of ledges and rough mountainous land, through scattered undergrowth and dense timber.

8.00	Draw, 50 ft. below cor., drains S. 50° E.; aspen timber along bottom of draw; ascend abruptly over ledgy NE. slope.
33.00	Ridge, 600 ft. above draw, bears N. 15° W. and SE; descend broken ledgy NW. slope.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
35.20	Top of abrupt descent over nearly vertical sandstone ledge, 300 ft. high, bears NW. and SE.
39.70	Base of ledge, bears NW. and SE.; descend abrupt SW. slo
39.97	Proportionate point; on abrupt SW. slope, 350 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for the restored ¼ sec. cor. secs. 21 and 28, with brass cap marked ¼ S21 / S28 1934 from which
	A pinon, 10 ins. diam., bears S. 74° W., 15 lks. dist., marked ¼ S28 BT.
	A juniper, 7 ins. diam., bears N. 45° W., 28 lks. dist., marked ¼ S21 BT.
	Cor. set at the S. edge of a large stationary sandstone boulder, size 8 x 8 x 5 ft.
52.60	Draw, 80 ft. below the ¼ sec. cor., drains S. 25° E. from N. 15° W.; ascend abrupt broken ledgy E. slope.
72.50	Spur, 650 ft. above draw, projects N.; descend abrupt ledgy W. slope.
77.20	Draw, 140 ft. below spur, drains N., and heads S., 3.50 chs. dist.; ascend abrupt E. face of sandstone ledges.
79.60	Top of white sandstone ridge, 40 ft. above draw, bears N. 20° E. and S.; descend abrupt W. slope over white sandstone ledges.
79.94	The true point for the cor. of secs. 20, 21, 28, and 29, which is East, 50 lks. dist. from the witness cor. to the cor. of said secs., 25 ft. below top of ridge.
	Land, broken sandstone ledges and rough and mountainous, with a general northeasterly and southwesterly exposure and drainage.
	Soil, shallow loose sand, clay and rock; 4th rate.
	Undergrowth, scattered sage, black, rabbit, and deer brush, silver leaf, and weeds.
	Timber, dense juniper, pinon, spruce, red and yellow pine.
	Fair grazing land.
	From the cor. of secs. 28, 29, 32, and 33.
	S. 87°46' W., on true line, bet. secs. 29 and 32.
	Descend gradual W. slope of broken mountainous land, through dense timber and scattered undergrowth.
12.59	Top of ledge, 30 ft. high, faces SW. and bears SE. and N. 70° W., 5.00 chs. dist. to end; descend abrupt SW. slope.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
15.75	Draw, 130-ft. below cor., drains S. from the NW.; at a point 50 lks. S. of line, draw drops off perpendicular sandstone rim, 200 ft. high, bears SE., and S. 80° W., 7.00 chs. dist., thence S.; ascend abrupt E. slope.
19.40	Top of sandstone ledge, 30 ft. high, faces E. and bears S., and N. 3.00 chs. dist. to end.
32.20	Ridge, 150 ft. above draw, bears NW. and S. 15° E.; descend gradual SW. slope.
40.03	On gradual SW. slope, 40 ft. below ridge:
	The ¼ sec. cor. secs. 29 and 32, which is a sandstone, 18 x 12 x 4 ins., loosely set, marked ¼ on N. face. Cor. is witnessed by bearing trees as follows.
	A pinon, 12 ins. diam., bears N. 62°30' E., 55 lks. dist., marked ¼ S29 BT.
	A pinon, 10 ins. diam., bears S. 17° E., 36 lks. dist., marked ¼ S32 BT.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¼ sec. cor. secs. 29 and 32, with brass cap marked ¼ S29 / S32 1934
	Thence:
	N. 85°51' W., with continuous measurement.
	Continue gradual descent over broken SW. slope
60.00	From this point, the SW. point of high sandstone ledges bearing N. 20° W. and S. 80° E., bears North, about 15.00 chs. dist.
80.14	Proportionate point; 100 ft. below the ¼ sec. cor., on top of sandstone ledge, 15 ft. high, bearing NE. and S. 30° W.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for the restored cor. of secs. 29, 30, 31, and 32, with brass cap marked T28S | R4E S30 | S29 S31 | S32 1934
	from which
	A pinon, 12 ins. diam., bears N. 66° E., 93 lks. dist., marked T28S R4E S29 BT.
	A pinon, 12 ins. diam., bears S. 45° E., 93 lks. dist., marked T28S R4E S32 BT.
	A white pine, 6 ins. diam., bears S. 22°45' W., 110 lks. dist., marked T28S R4E S31 BT.

Chains

A pinon, 8 ins. diam., bears N. 10°15' W., 64 lks. dist., marked T28S R4E S30 BT.

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

Soil, shallow red clay and sand, mixed with rock; 4th rate.

Undergrowth, scattered sage and black brush.

Timber, dense scrub juniper and pinon.

Fair grazing land.

S. 0°21' E., ontrue line, bet. secs. 31 and 32.

Descend gradual SW. slope of broken mesa land, through dense timber and scattered undergrowth.

20.40 Top of high nearly inaccessible ledges which form the SW. rim of mesa, 400 ft. high, bears E., and SW., 2.50 ch dist., thence N., 7.00 chs. dist., thence W.; descend abruptly over rim of mesa.

26.00 Base of ledges, bear same as top; thence descend abrupt S. slope of sandstone outcroppings.

40.00 Proportionate point and true point for the ¼ sec. cor. secs. 31 and 32, falls in bottom of canyon, 850 ft. below sec. cor., drains SW., where it is impracticable to set a cor.

41.00 On S. side of bottom of canyon:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the ¼ sec. cor. secs. 31 and 32, with brass cap marked

W C
¼
S31 | S32
1935

from which

A juniper, 18 ins. diam., bears N. 44° E., 93 lks. dist., marked WC ¼ S32 BT.

A red pine, 12 ins. diam., bears N. 5° W., 19 lks. dist., marked WC ¼ S31 BT.

Thence ascend abrupt NW. slope over blue and red clay breaks.

46.72 From this point, the entrance to a tunnel of coal prospect bears S. 55° E., 8.80 chs. dist. A few small outcroppings of coal found in vicinity of tunnel.

53.60 Top of sandstone ledges, 30 ft. high, faces NW. and bears NE. and S. 30° W.

72.30 Top of ascent on broken W. slope, 390 ft. above bottom of canyon, bears E. and W.; descend abrupt ledgy SW. slope.

80.00 The cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the township, 110 ft. below top of ascent.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Land, broken and mountainous, with a general southwesterly exposure and drainage.
	Soil, shallow sand, blue and red clay, mixed with rock; 4th rate.
	Undergrowth, scattered weeds, sage, and black brush.
	Timber, dense scrub juniper and pinon, and a few scattered red pine.
	Fair grazing land.
	SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.
	From the restored cor. of secs. 23, 24, 25, and 26, heretofore described.
	East, on random line, bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the township, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 28 S., R. 5 E.
	Thence:
	West, on true line, bet. secs. 24 and 25.
	Descend gradually over broken ledgy SW. slope of mountainous land, through scattered timber and undergrowth.
15.10	Sulphur Creek, stream of alkali water, 3 lks. wide, 2 ins. deep, in bottom of sandstone gulch, 270 ft. below cor., flows SE.; ascend abruptly over ledgy NE. slope.
31.10	Spur, 320 ft. above creek, projects SE.; descend gradually over broken SW. slope.
38.56	On broken SW. slope:
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the ¼ sec. cor. secs. 24 and 25, with brass cap marked WC ¼ S24/S25 1934 from which
	A pinon, 6 ins. diam., bears S. 44° 30' E., 14 lks. dist., marked WC ¼ S25 BT.
	A pinon, 12 ins. diam., bears N. 27° 30' W., 7 lks. dist., marked WC ¼ S24 BT.
39.95	True point for the ¼ sec. cor. falls on edge of draw, where it is impossible to set a permanent cor.
41.00	Draw, 50 ft. below spur, drains S. 80° E.; ascend gradually along broken N. slope.
49.40	Spur, 140 ft. above draw, projects N., 4.00 chs. dist. to end; descend steep rocky W. slope.

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Chains	
55.00	Base of descent from spur, 50 ft. below top, bears NE. and SW.; thence over rolling bench land.
58.00	Enter bottom of wide shallow draw, drains N. 80° E. from the W.; thence along general bottom of draw.
70.00	Leave bottom of draw, drains E. from the NW.; continue over rolling bench land.
79.90	The cor. of secs. 23, 24, 25, and 26.
	Land, E. portion of mile is broken sandstone ledges, with a general southeasterly exposure and drainage; west portion of mile is rolling bench land, with a general easterly exposure and drainage.
	Soil, deep loose sand on W. portion of mile; deep rocky blue clay on E. portion; 3rd and 4th rates.
	Undergrowth, scattered weeds, silver leaf, sage, rabbit, deer, and black brush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.

N. 0°01' W., bet. secs. 23 and 24.

Descend gradually along rolling E. slope of mountainous land, through dense timber and scattered undergrowth.

12.40	Draw, 20 ft. below cor., drains SE.; ascend abrupt S. slope.
18.00	Enter flat top of spur, 85 ft. above draw, spur projects S. 60° E., and rim of top bears S. 60° E. and N. 60° W.
26.50	Leave flat top of spur and descend abrupt N. slope, bears S. 60° E. and N. 60° W.
28.50	Dry channel of Sulphur Creek, dry, 110 ft. below spur, drains E., 5.00 chs. dist., thence SE.; ascend abrupt S. slope.
32.80	Enter wide flat top of bench spur, projects SE. and bears NW., 125 ft. above dry channel of Sulphur Creek.
40.00	On flat top of bench 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

S23 | S24

1934

from which

A pinon, 7 ins. diam., bears S. 74° E., 15 lks. dist., marked ¼ S24 BT.

A pinon, 12 ins. diam., bears S. 57° W., 11 lks. dist., marked ¼ S23 BT.

Continue over flat top of spur.

52.00	Leave flat top of spur and descend gradually over broken NE. slope; bears NW. and SE.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
63.00	Fork of Sulphur Creek, dry; 90 ft. below spur, drains SE. from the N.; thence along bottom of creek bed.
71.30	Leave bottom of creek bed, drains S. from the NW.; ascend gradually over rocky S. slope.
80.00	On general S. slope, 90 ft. above Sulphur Creek.
	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

T28S | R4E	
S14	S13
S23	S24

1934

from which

A spruce, 18 ins. diam., bears N. 30°45' E., 140 lks. dist., marked T28S R4E S13 BT.

A spruce, 10 ins. diam., bears S. 34°30' E., 87 lks. dist., marked T28S R4E S24 BT.

A pinon, 14 ins. diam., bears S. 25° W., 80 lks. dist., marked T28S R4E S23 BT.

A pinon, 5 ins. diam., bears N. 25°30' W., 19 lks. dist., marked T28S R4E S14 BT.

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

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

Undergrowth, scattered weeds, silver leaf, shadscale, sage, deer, and black brush.

Timber, dense pinon and juniper with a few scattered spruce on N. portion of mile.

Fair grazing land.

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

40.00 Set temp. ¼ sec. cor.

79.90 Intersect the E. bdy. of the township, 9 lks. S. of the cor. of secs. 13, 18, 19, and 24, heretofore described.

Thence:

S. 89°56' W., on true line, bet. secs. 13 and 24.

Ascend abruptly over ledgy E. slope of rough mountainous land, through dense timber and scattered undergrowth.

1.90 The S. point of sandstone ledge, 50 ft. high.

8.00 Spur, 150 ft. above cor., projects S., 15.00 chs. dist. to end; descend steep ledgy W. slope.

33.00 Draw, 90 ft. below spur, drains SE.; ascend gradual E. slope.

Chains	
39.95	On top of ridge, 100 ft. above draw, bears SE. and NW. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in t ground to solid rock and in a mound of stone to top, fo ¼ sec. cor., with brass cap marked ¼ S13 / S24 1934 from which A pinon, 10 ins. diam., bears N. 12°15' E., 27 lks. dist., marked ¼ S13 BT. A juniper, 6 ins. diam., bears S. 10° E., 7 lks. dist., marked ¼ S24 BT.
	Thence ascend gradually along general S. slope.
48.00	Top of ascent on S. slope of knoll, 120 ft. above ridge, slopes S.; descend gradually over rocky SW. slope.
56.60	Top of broken sandstone ledges, 110 ft. below top of ascent on S. slope of knoll, bears N. and SE.
62.00	Base of ledges, bears N. and SE.; descend gradual W. slo
72.00	Draw, 380 ft. below top of ledges, drains S., 5.00 chs. dist., thence SE.; ascend gradually over ledgy E. slope.
79.90	The cor. of secs. 13, 14, 23, and 24, 110 ft. above draw.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, shallow loose sand and clay, mixed with rock; 4th rate.
	Undergrowth, scattered weeds, shadscale, silver leaf, sage, deer, and black brush.
	Timber, dense juniper and pinon.
	Fair grazing land.
	N. 0°01' W., bet. secs. 13 and 14.
	Ascend gradually over ledgy S. slope of rough mountainous land, through dense timber and scattered undergrowth.
13.60	Top of white sandstone ledge, 130 ft. above cor., bears NE. and SW.
24.95	Dim wood road, bears NE. and SW.
28.00	Top of small spur, 230 ft. above sec. cor., projects W., about 10.00 chs. dist. to end; descend gradual N. slope.
34.20	Small draw, 40 ft. below spur, drains S. 80° W., 7.00 chs. dist. to junction with Sulphur Creek draining southerly; ascend gradual S. slope.
40.00	On S. slope of sandstone surfacerock, 330 ft. above sec. cor., mark a cross (X), over which.

SURVEY OF A PORTION SUBDIVISION? T. 28 S., R. 4 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to its top, for ¼ sec. cor., with brass cap marked ¼ S14 | S13 1934 from which
	A pinon, 13 ins. diam., bears N. 22°15' E., 33 lks. dist., marked ¼ S13 BT.
	A pinon, 6 ins. diam., bears S. 89°30' W., 95 lks. dist., marked ¼ S14 BT.
49.20	Base of sandstone ledges, bears W. and SE.
51.40	Top of ledges, 180 ft. above the ¼ sec. cor., bear W. and SE.; descend gradual NW. slope.
60.40	Trail in low saddle of ridge, 125 ft. below top of ledges, trail bears NE. and SW. and ridge bears N. 10° W. and S. 10° E.; ascend gradual S. slope.
65.00	Small spur, projects E., 3.00 chs. dist., thence ascend gradual SE. slope.
79.40	Small spur, 90 ft. above saddle in ridge, projects E., 3.00 chs. dist. to end; descend gradual NE. slope.
80.00	On NE. slope, 10 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. secs. 11, 12, 13, and 14, with brass cap marked T28S | R4E S11 | S12 S14 | S13 1934 from which
	A spruce, 12 ins. diam., bears N. 34° E., 61 lks. dist., marked T2 S R4E S12 BT.
	A yellow pine, 12 ins. diam., bears S. 16°30' E., 12 lks. dist., marked T28S R4E S13 BT.
	A yellow pine, 12 ins. diam., bears S. 50° W., 24 lks. dist., marked T28S R4E S14 BT.
	A yellow pine, 14 ins. diam., bears N. 67°30' W., 18 lks. dist., marked T28S R4E S11 BT.
	Land, broken sandstone ledges and mountainous, with a general southerly and northeasterly exposure and drainage.
	Soil, shallow loose sand and rock; 3rd rate.
	Undergrowth, scattered weeds, sage, rabbit, and black brush.
	Timber, dense juniper and pinon and scattered spruce and yellow pine.
	Fair grazing land.

SURVEY OF A PORTION SUBDIVISION? T. 28 S., R. 4 E.

Chains	
	N. 89°56' E., on random line, bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
79.80	Fall 3 lks. S. of the cor. of secs. 12 and 13, on the E. bdy. of the township, heretofore described.
	Thence:
	S. 89°55' W., on true line, bet. secs. 12 and 13.
	Descend abrupt SW. slope of ledgy rough mountainous land, through dense timber and scattered undergrowth.
6.00	Draw, 150 ft. below cor., drains SE.; ascend abrupt NE. slope.
20.90	Top of E. edge of large enlongated knoll, 140 ft. above draw, bears W.; thence ascend gradual E. slope of top of knoll.
33.30	Top of W. side of elongated knoll, 25 ft. above E. side; descend gradually over rocky W. slope.
37.40	Enter N. side of large open flat, bears N. 20° E. and SE.
39.90	In open flat:
	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 / S13
	1934
	from which
	A yellow pine, 13 ins. diam., bears N. 85°15' E., 376 l dist., marked ¼ S12 BT.
	A yellow pine, 20 ins. diam., bears S. 73°30' E., 268 lks. dist., marked ¼ S13 BT.
60.80	Draw, 30 ft. below top of knoll, drains SE.; ascend gradual E. slope.
72.00	Leave open flat and enter dense juniper and pinon timber, bears N. and S.
79.80	The cor. of secs. 11, 12, 13, and 14, 60 ft. above draw.
	Land, W. portion of mile is rolling; E. portion is broken by sandstone ledges; general easterly exposure and drainage.
	Soil, deep loose sand on W. portion of mile; 2nd rate; shallow red shale and clay on E. portion; 4th rate.
	Undergrowth, scattered weeds, rabbit, sage, and black brus
	Timber, dense juniper and pinon and scattered yellow pine and spruce, on E. and W. portions of mile.
	Fair grazing land.

SURVEY OF A PORTION SUBDIVISION; T. 28 S., R. 4 E.

Chains	
	N. 0°01' W., bet. secs. 11 and 12.
	Descend gradually along broken E. face of sandstone ledges through dense timber and scattered undergrowth.
10.00	Wash, 50 lks. wide, 15 ft. deep, drains S. 70° E.
24.80	Top of ledges, bears N. 60° W. and S. 60° E.; thence ascend gradual E. slope.
29.00	Enter top of rolling bench land, 220 ft. above sec. cor., bears N. 60° W. and S. 60° E.
37.00	Draw, 1.00 chs. wide, 15 ft. deep, drains E., 3.00 chs. dist., thence SE.
40.00	On rolling bench land.
	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 $\frac{1}{4}$ S11 | S12 1934 from which
	A pinon, 8 ins. diam., bears N. 23° E., 109 lks. dist., marked $\frac{1}{4}$ S12 BT.
	A yellow pine, 20 ins. diam., bears S. 27° W., 455 lks. dist., marked $\frac{1}{4}$ S11 BT.
	Continue over rolling bench land.
50.50	Small draw, drains S. 70° E.
60.00	Leave rolling bench land and descend gradual N. slope, bears E. and W.
66.10	Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend steep S. slope.
80.00	On steep S. slope, 320 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 1, 2, 11, and 12, with brass cap marked T28S | R4E S2 | S1 S11 | S12 1934 from which
	A pinon, 14 ins. diam., bears N. 70° E., 15 lks. dist., marked T28S R4E S1 BT.
	A pinon, 10 ins. diam., bears S. 11°15' E., 54 lks. dist., marked T28S R4E S12 BT.
	A juniper, 16 ins. diam., bears S. 65°30' W., 74 lks. dist., marked T28S R4E S11 BT.
	A pinon, 18 ins. diam., bears N. 81° W., 47 lks. dist., marked T28S R4E S2 BT.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Land, S. portion of mile is broken sandstone ledges with a general easterly exposure and drainage; N. portion of mile is rolling bench land, with a general northeasterly exposure and drainage.
	Soil, shallow loose sand and clay, mixed with rock; 3rd rate.
	Undergrowth, scattered weeds, sage, deer, black, and rabbit brush.
	Timber, dense juniper and pinon and scattered yellow pine
	Fair grazing land.
	N. 89°55' E., on random line, bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect the cor. of secs. 1 and 12, on the E. bdy. of the township, heretofore described.
	Thence:
	S. 89°55' W., on true line, bet. secs. 1 and 12.
	Ascend abruptly along steep NE. slope of rough mountainous land, through dense spruce, red, and yellow pine timber.
5.20	Top of ridge, bears S. 80° E. and W.; thence ascend gradually along top of ridge, through dense juniper and pinon timber.
25.10	Leave top of ridge, bears S. 80° W. and E.; ascend gradual NE. slope through dense yellow pine and spruce timber.
39.90	On NE. slope, 280 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 S1 / S12 1934 from which
	A yellow pine, 12 ins. diam., bears N. 18° E., 99 lks. dist., marked ¼ S1 BT.
	A yellow pine, 12 ins. diam., bears S. 79°15' E., 70 lks dist., marked ¼ S12 BT.
48.80	Top of same ridge as last, 70 ft. above the ¼ sec. cor., bears N. 60° W., and S. 35° E. 5.00 chs. dist., thence E.; thence ascend gradually along steep S. slope of ridge.
79.80	The cor. of secs. 1, 2, 11, and 12, 160 ft. above top of ridge.
	Land, broken and mountainous, with a general southerly and northeasterly exposure and drainage.
	Soil, shallow sand and clay, mixed with rock; 4th rate.

Chains	
	Undergrowth, scattered weeds, sage, deer, and black brush.
	Timber, dense juniper, pinon, and yellow pine.
	Good grazing land.
	N. 0°01' W., on random line, bet. secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
73.79	Intersect the N. bdy. of the township, 37 lks. E. of the cor. secs. 1, 2, 35, and 36, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 4 E., of this group.
	Thence:
	S. 0°18' E., on true line, bet. secs. 1 and 2.
	Ascend steep NE. slope of high mountainous land, through scattered patches of timber.
15.20	Spur, 120 ft. above cor., projects E.; descend gradual SE. slope.
33.79	On gradual SE. slope, 180 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and in a mound of stone, to top, for ¼ sec. cor., with brass cap marked ¼ S2 | S1 1934 from which
	A yellow pine, 14 ins. diam., bears S. 56° E., 300 lks. dist., marked ¼ S1 BT.
	A red pine, 22 ins. diam., bears S. 86° W., 451 lks. dist., marked ¼ S2 BT.
41.30	Draw, 70 ft. below the ¼ sec. cor., drains S. 75° E., and heads N. 75° W., 4.00 chs. dist.; Ascend gradually along E. slope.
46.80	Spur, 30 ft. above draw, projects E.; descend gradual SE. slope.
60.00	Draw, 140 ft. below spur, drains N. 75° E., and heads N. 75° W., 5.00 chs. dist.; ascend gradually along E. slope.
68.80	Ridge, 30 ft. above draw, bears S. 75° E., and N. 75° W., 7.00 chs. dist., thence NW.; descend abrupt S. slope through dense juniper and pinon timber.
73.79	The cor. of secs. 1, 2, 11, and 12, 140 ft. below ridge.
	Land, rolling and mountainous, with a general easterly exposure and drainage.
	Soil, shallow clay and gravel, mixed with rock; 3rd rate.
	Undergrowth, scattered weeds, sage, and black brush.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Timber, dense juniper and pinon timber on S. 5.00 chs. of mile, scattered patches of aspen and red pine on remainder of mile.
	Good grazing land.
	From the restored ¼ sec. cor. secs. 26 and 27, heretofore describ
	N. 0°01' W., bet. secs. 26 and 27.
	Ascend gradually along ledgy E. slope of high wide ridge to the W., through dense timber and scattered undergrowth
40.00	On broken E. slope, 45 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in th ground to solid rock and in a mound of stone to top, for cor. of secs. 22, 23, 26 and 27, with brass cap marked

T28S | R4E	
S22	S23
S27	S26

1934

from which

A pinon, 6 ins. diam., bears N. 56° E., 57 lks. dist., marked T28S R4E S23 BT.

A pinon, 4 ins. diam., bears S. 67° E., 74 lks. dist., marked T28S R4E S26 BT.

A pinon, 10 ins. diam., bears S. 44°30' W., 33 lks. dist., marked T28S R4E S27 BT.

A pinon, 8 ins. diam., bears N. 24°45' W., 29 lks. dist., marked T28S R4E S22 BT.

	Land, broken and mountainous, with a general easterly exposure and drainage.
	Soil, shallow loose sand, clay, and rock; 4th rate.
	Undergrowth, scattered shadscale, sage, and black brush.
	Timber, dense juniper and pinon.
	Fair grazing land.
	S. 89°56' E., on random line, bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 23, 24, 25, and 26.
	Thence:
	S. 89°59' W., on true line, bet. secs. 23 and 26.
	Ascend gradual E. slope of high wide ridge to the W., through dense timber and scattered undergrowth.
7.00	Base of abrupt ascent over white sandstone ledges, bears N. and S.

Chains	
22.20	Top of ledges, bear N. and S.; thence ascend gradual E. slope.
24.60	Enter flat top of wide ridge or mesa, 500 ft. above cor., bears N. and S.
37.60	Leave top of wide ridge or mesa and descend abrupt rocky W. slope, bears N. and S.
40.00	On abrupt W. slope, 80 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S23 / S26
	1934
	from which
	A pinon, 10 ins. diam., bears S. 32°15' W., 28 lks. dist., marked ¼ S26 BT.
	A juniper, 10 ins. diam., bears N. 37°15' W., 24 lks. dist., marked ¼ S23 BT.
	Thence, descend abrupt W. slope over broken sandstone ledges.
65.00	Base of abrupt descent and base of ledges, 270 ft. below the ¼ sec. cor., bears S., and N. 10.00 chs., thence NW.; thence across rolling bottom of Wide Hollow, through very dense juniper and pinon timber.
68.00	Old wood road, bears S. and NE.
76.00	Gulch at W. side of Wide Hollow, 50 ft. deep, drains SE.; ascend abrupt E. slope.
80.00	The cor. of secs. 22, 23, 26, and 27, 70 ft. above gulch.
	Land, broken and rolling, with a general easterly and westerly exposure and drainage.
	Soil, shallow loose sand, red clay, and rock; 4th rate.
	Undergrowth, scattered weeds, sage, and black brush.
	Timber, dense scrub juniper and pinon.
	Fair grazing land.

	N. 0°01' W., bet. secs. 22 and 23.
	Descend gradual NE. slope of broken mountainous land, through dense timber and scattered undergrowth.
7.00	Gulch, 75 ft. below cor. at W. side of Wide Hollow, drains SE.; ascend gradual SW. slope.
20.00	Recross gulch, 150 ft. above last crossing, drains SW.; ascend gradual SE. slope.
40.00	On gradual SE. slope, 350 ft. above gulch in Wide Hollow.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Chains	
	ground, for ¼ sec. cor., with brass cap marked ¼ S22 | S23 1934 from which
	A pinon, 8 ins. diam., bears S. 21°45' E., 75 lks. dist., marked ¼ S23 BT.
	A pinon, 10 ins. diam., bears S. 31° W., 14 lks. dist., marked ¼ S22 BT.
52.30	Top of sandstone spur, 130 ft. above the ¼ sec. cor., projects SE., 4.00 chs. dist. to end; descend abrupt NE. slope.
63.30	Bottom of Wide Hollow, 150 ft. below spur, drains S. 40° ascend gradual S. slope.
80.00	On gradual S. slope, 205 ft. above Wide Hollow.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 14, 15, 22, and 23, with brass cap marked T28S | R4E S15 | S14 S22 | S23 1934 from which
	A pinon, 14 ins. diam., bears N. 18° E., 9 lks. dist., marked T28S R4E S14 BT.
	A pinon, 6 ins. diam., bears S. 35°30' E., 22 lks. dist., marked T28S R4E S23 BT.
	A juniper, 12 ins. diam., bears S. 51° W., 26 lks. dist., marked T28S R4E S22 BT.
	A pinon, 9 ins. diam., bears N. 59° W., 19 lks. dist., marked T28S R4E S15 BT.
	Land, broken and mountainous, with a general easterly and southerly exposure and drainage.
	Soil, shallow loose sand, clay, and rock; 4th rate.
	Undergrowth, scattered weeds, sage, silver leaf, and black brush.
	Timber, dense scrub juniper and pinon.
	Fair grazing land.
	N. 89°59' E., on random line, bet. secs. 14 and 23.
41.52	Set temp. witness cor. to the ¼ sec. cor. secs. 14 and 23.
80.06	Intersect the N. and S. line, 14 lks. N. of the cor. secs. 13, 14, 23 and 24.
	Thence:

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	N. 89°55' W., on true line, bet. secs. 14 and 23.
	Descend gradual SW. slope of broken mountainous land, through dense timber and scattered undergrowth.
8.00	Draw; 40 ft. below cor., drains SE.; ascend gradual SE. slope.
13.00	Low spur, 40 ft. above draw, projects SE.; descend gradual W. slope.
20.00	Fork of Sulphur Creek, 50 ft. below spur, drains SE.; trail in bottom of draw, bears NE. and SW.; ascend gradual E. slope.
28.50	Base of vertical white sandstone ledges, bears N. and S.
38.54	On top of white sandstone ridge, 365 ft. above sec. cor., mark a cross (X) on the surfacerock, over which:
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to its top, for witness cor. to the ¼ sec. cor. secs. 14 and 23, with brass cap marked
	WC ¼ S14 / S23 1934
	from which
	A yellow pine, 8 ins. diam., bears S. 81°45' E., 38 lks. dist., marked WC ¼ S23 PT.
	A yellow pine, 6 ins. diam., bears N. 69°15' W., 48 lks. dist., marked WC ¼ S14 PT.
	Thence descend abrupt W. slope of white sandstone ridge.
40.03	True point for the ¼ sec. cor. falls on inaccessible W. face of white sandstone ledges, where it is impracticable to set a cor.
43.00	Base of ledges, 110 ft. below top of ridge, bears N. and S.; ascend gradually along rolling S. slope.
52.30	Draw, 130 ft. below ridge, dry channel of Sulphur Creek, drains S., 1.50 chs. dist., thence SE.; ascend gradual E. slope.
58.30	Enter flat top of wide ridge, 100 ft. above draw, bears NW. and S. 30° E.
65.00	Leave flat top of wide ridge, bears NW. and SE.; descend gradual SW. slope.
80.06	The cor. of secs. 14, 15, 22, and 23, 140 ft. below top of ridge.
	Land, broken and mountainous, with a general southeasterly exposure and drainage.
	Soil, shallow loose sand, clay, and rock; 4th rate.
	Undergrowth, scattered weeds, sage, mountain rush, and black brush.
	Timber, dense juniper and pinon, and scattered yellow pine and spruce.
	Fair grazing land.

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Chains

N. 0°01' W., bet. secs. 14 and 15.

Ascend steep SW. slope of high mountainous land, through dense timber and scattered undergrowth.

13.50 Top of ridge, 485 ft. above cor., bears NW. and SE.; then along steep E. slope.

40.00 On steep E. slope, same level as top of ridge.

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

¼

S15 | S14

1934

from which

A pinon, 12 ins. diam., bears N. 37°15' E., 42 lks. dist., marked ¼ S14 BT.

A juniper, 18 ins. diam., bears N. 83° W., 25 lks. dist., marked ¼ S15 BT.

40.30 Head of draw, drains E.; ascend gradually along E. slope.

57.60 Top of ascent on E. slope, 80 ft. above the ¼ sec. cor., bears E. and W.; leave dense juniper and pinon timber and enter scattered red and yellow pine timber, bears E. and W.; descend gradually along steep E. slope.

69.10 Draw, 65 ft. below top of ascent, drains SE.; ascend SE. slope.

80.00 On SE. slope, 80 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 10, 11, 14, and 15, with brass cap marked

T28S R4E

S10 | S11

S15 | S14

1934

from which

A yellow pine, 20 ins. diam., bears N. 2°30' E., 94 lks. dist., marked T28S R4E S11 BT.

A yellow pine, 8 ins. diam., bears S. 19° E., 89 lks. dist., marked T28S R4E S14 BT.

A yellow pine, 24 ins. diam., bears S. 23°15' W., 195 lks. dist., marked T28S R4E S15 BT.

A yellow pine, 24 ins. diam., bears N. 67°15' W., 206 lks. dist., marked T28S R4E S10 BT.

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

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

Undergrowth, scattered weeds, sage, and black brush.

chains	
	Timber, dense juniper and pinon on S. portion of mile; scattered red and yellow pine on N. portion.
	Good grazing land.

	S. 89°55' E., on random line, bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, 16 lks. S. of the cor. secs. 11, 12, 13, and 14.
	Thence:
	S. 89°58' W., on true line, bet. secs. 11 and 14.
	Ascend steep ledgy E. face of high mountainous land, through dense timber and scattered undergrowth.
28.50	Branch spur, projects SE.; thence ascend gradual SE. slope.
39.98	On gradual SE. slope, 560 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S11 / S14 1934 from which
	A pinon, 10 ins. diam., bears N. 15°30' E., 20 lks. dist., marked ¼ S11 BT.
	A pinon, 8 ins. diam., bears S. 64° E., 31 lks. dist., marked ¼ S14 BT.
53.60	Ridge 180 ft. above the ¼ sec. cor., bears N. and S.; descend abrupt SW. slope.
73.30	Dry channel of Sulphur Creek, 415 ft. below ridge, drains S. 30° E.; ascend gradual SE. slope.
79.96	The cor. of secs. 10, 11, 14, and 15, 55 ft. above Sulphur Creek.
	Land, broken and mountainous, with a general southeasterly and westerly exposure and drainage.
	Soil, shallow loose sand, clay, and rock; 4th rate.
	Undergrowth, scattered sage, service berry, manzanita, weeds, and black brush.
	Timber, dense yellow pine, juniper and pinon.
	Fair grazing land.

	N. 0°01' W., bet. secs. 10 and 11.
	Ascend gradually along broken SE. slope of high mountainous land, through scattered timber and undergrowth.
18.90	Wash, 30 lks. wide, 8 ft. deep, drains S. 25° E.; continue ascent.

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SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
31.25	Draw, 3.00 chs. wide, 15 ft. deep, drains SE. from N. 70° W.; continue ascent.
40.00	On gradual SE. slope, 370 Ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S10 | S11 1934
	from which
	A yellow pine, 30 ins. diam., bears S. 34°30' E., 240 lks. dist., marked ¼ S11 BT.
	A yellow pine, 40 ins. diam., bears N. 60° W., 8 lks. dist., marked ¼ S10 BT.
	Leave juniper, pinon, and yellow pine timber and enter scattered patches of dense aspen, bears E. and W.
48.70	Enter patch of dense aspen timber, bears NW. and SE.; slope changes from a gradual SE. slope to an abrupt S. slope.
74.80	Dry channel of Sulphur Creek near head, 410 ft. above the ¼ sec. cor., drains SE.; continue ascent over steep S. slope.
77.80	Leave timber, bears NW. and SE.
80.00	On steep S. slope, 90 ft. above Sulphur Creek.
	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock and in a mound of stone to its top, for cor. of secs. 2, 3, 10, and 11, with brass cap marked T28S R4E S3 | S2 S10 | S11 1934
	from which
	An aspen, 5 ins. diam., bears S. 13° E., 258 lks. dist., marked T28S R4E S11 BT.
	An aspen, 8 ins. diam., bears S. 65° W., 188 lks. dist., marked T28S R4E S10 BT.
	An aspen, 8 ins. diam., bears N. 82° W., 203 lks. dist., marked T28S R4E S3 BT.
	No bearing tree in sec. 2 available.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, shallow white clay and rock; 4th rate.
	Undergrowth, scattered sage, yellow top, weeds, and black brush.
	Timber, scattered juniper, pinon, and yellow pine on S.

Chains	
	portion of mile; scattered patches of dense aspen on N. portion.
	Good grazing land.
	N. 89°58' E., on random line, bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, 7 lks. N. of the cor. secs. 1, 2, 11, and 12.
	Thence:
	N. 89°59' W., on true line, bet. secs. 2 and 11.
	Descend gradually along steep S. and SW. slopes of high rough mountainous land, through dense juniper and pinon timber.
11.00	Leave dense juniper and pinon timber and enter scattered red and yellow pine timber and patches of dense aspen, bears N. 30° W., and S. 5.0 chs. dist., thence SE.
19.90	Draw, 130 ft. below sec. cor., drains SE.; ascend steep NE. slope.
31.10	Ridge, 230 ft. above draw, bears NW. and SE.; ascend steep SE. slope.
39.98	On steep SE. slope, 70 ft. above ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S2 / S11 1934 from which
	A red pine, 14 ins. diam., bears S. 64° W., 427 lks. dist., marked ¼ S11 BT.
	An aspen, 5 ins. diam., bears N. 56° W., 249 lks. dist., marked ¼ S2 BT.
	Continue ascent over SE. slope.
52.00	Draw, 150 ft. above the ¼ sec. cor., drains SE.; ascend abrupt E. slope.
69.80	Ridge, 470 ft. above draw, bears NW. and S. 30° E.; descend gradually over rolling S. slope.
79.96	The cor. of secs. 2, 3, 10, and 11, 20 ft. below top of ridge.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, shallow white clay and rock; 4th rate.
	Undergrowth, scattered sage, weeds, and black brush.
	Timber, scattered red and yellow pine and patches of

Chains

aspen on N. portion of mile; dense juniper and pinon on E. portion.

Good grazing land.

N. 0°18' W., on random line, bet. secs. 2 and 3.

40.00 Set temp. ¼ sec. cor.

73.38 Intersect the N. bdy. of the township, 2 lks. E. of the cor. secs. 2, 3, 34, and 35, which is an iron post, 2 i diam., set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 4 E., of this group.

Thence:

S. 0°19' E., on true line, bet. secs. 2 and 3.

Ascend gradual NE. slope of high mountainous land, thro scattered patches of dense aspen timber.

13.60 Top of high divide ridge, 80 ft. above cor., bears E. a W.; descend gradual SE. slope, through dense aspen and scattered spruce and red pine timber.

29.90 Timber becomes scattered patches of aspen, bears NW. and SE.

33.[illegible] On open grassy E. slope, 50 ft. below divide ridge.

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

1/4
S3 | S2
1934

from which

An aspen, 8 ins. diam., bears N. 72°30' E., 151 lks. dist., marked ¼ S2 BT.

An aspen, 3 ins. diam., bears N. 6°15' W., 285 lks. dist., marked BT.

47.30 Small spring branch, flows S. 75° E., and heads at a small spring, N. 75° W., 1.50 chs. dist.

53.44 From this point, a small circular pole corral, bears West, 3.90 chs. dist.

5[illegible].31 From this point, a small spring which flows southwesterly in a ditch, bears West, 15.78 chs. dist. Spring is known as "Sulphur Spring".

61.50 Top of main ridge, 160 ft. below the ¼ sec. cor., bears NW. and SE.; descend steep S. slope.

73.88 The cor. of secs. 2, 3, 10, and 11, 170 ft. below top of ridge.

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

Soil, shallow white and blue clay, mixed with rock; 4th rate.

Chains	
	Undergrowth, scattered yellow top, weeds, sage, and black brush.
	Timber, scattered red and yellow pine and patches of dense aspen.
	Good grazing land.
	From the restored cor. of secs. 21, 22, 27, and 28, heretofore described.
	N. 89°55' E., on random line bet. secs. 22 and 27.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect the N. and S. line, 30 lks. N. of the cor. secs. 22, 23, 26, and 27.
	Thence:
	N. 89°52' W., on true line, bet. secs. 22 and 27.
	Ascend steep ledgy E. slope of rough mountainous land, through dense timber and scattered undergrowth.
20.20	Enter flat top of wide ridge, bears N. and S., 655 ft. above cor.
40.03	On flat top of ridge; 30 ft. above E. rim of same.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S22 / S27 1934 from which
	A pinon, 16 ins. diam., bears S. 44° W., 39 lks. dist., marked ¼ S27 BT.
	A pinon, 18 ins. diam., bears N. 20° W., 28 lks. dist., marked ¼ S22 BT.
47.80	Top of W. rim of ridge, bears N. 10° W. and S.; descend abrupt ledgy SW. slope.
49.10	Top of vertical ledge, 100 ft. high, faces SW. and bears NW. and SE.
65.90	Dim wagon road, bears N. 20° W. and S. 20° E.
68.40	Sand Creek, stream 6 lks. wide, 5 ins. deep, in bottom of canyon, 310 ft. below rim of ridge, flows S. 10° E.; thence across bottom lands of canyon.
72.60	Base of abrupt ascent over sandstone spur at W. side of canyon, bears N. and S.
77.60	Top of sandstone spur, 125 ft. above creek, projects S., 8.00 chs. dist. to end; descend gradually over broken SW. slope.
80.06	The cor. of secs. 21, 22, 27, and 28, 40 ft. below spur.
	Land, broken and mountainous, with a general easterly

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Chains

and westerly exposure and drainage.

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

Undergrowth, scattered sage, yellow top, weeds, and black brush.

Timber, dense juniper and pinon; scattered cottonwood alon bottom lands of Sand Creek.

Fair grazing land.

N. 0°02' W., bet. secs. 21 and 22.

Ascend gradually over broken SW. face of sandstone ledges, of rough mountainous land, through dense timber and scattered undergrowth.

3.60 Spur, 130 ft. above cor., projects SE.; descend gradually along broken E. slope.

22.00 Begin abrupt descent over NE. slope of sandstone outcropp-ings, bears NW., and SE. 6.00 chs. dist., thence S.

[illegible].20 Draw, 100 ft. below spur, drains SE. to Sand Creek; ascend gradual S. slope.

30.00 On gradual S. slope, 70 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

1/4

S21 | S22

1934

from which

A pinon, 9 ins. diam., bears N. 89°45' E., 103 lks. dist., marked ¼ S22 BT.

A pinon, 12 ins. diam., bears N. 79° W., 63 lks. dist., marked ¼ S21 BT.

37.10 Spur, 85 ft. above the ¼ sec. cor., projects SE.; thence ascend gradually along SE. slope of sandstone ledges.

41.70 Top of ascent, 90 ft. above spur, bears E., and W. 2.00 chs. dist. to spur; descend gradually over broken NE. slope.

55.50 Draw, 90 ft. below top of ascent, drains S. 70° E., and heads N. 70° W., 7.00 chs. dist.; ascend broken SE. slope.

61.20 Spur, 90 ft. above draw, projects E.; descend broken N. slope.

66.40 Draw, 90 ft. below spur, drains S. 80° E.; ascend abrupt S. slope over sandstone ledges.

75.00 Base of abrupt ascent over SE. face of inaccessible pink and red sandstone ledges, 300 ft. high, bears N. 60° E. and SW.

78.05 At base of vertical ledge, bears N. 60° E. and SW., 280 ft. above draw.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for witness cor. to the cor. of secs. 15, 16, 21, and 22, with brass cap marked W C / T28S | R4E / S16 | S15 / S21 | S22 / 1934
	from which
	A pinon, 8 ins. diam., bears N. 83°30' E., 58 lks. dist., marked WC T28S R4E S22 BT.
	A juniper, 7 ins. diam., bears S. 50°30' W., 136 lks. dist., marked WC T28S R4E S21 BT.
	No other suitable bearing trees available.
80.00	True point for the cor. of secs. 15, 16, 21, and 22, falls on inaccessible SE. face of ledge.
	Land, broken and mountainous, with a general southeasterly exposure and drainage.
	Soil, shallow lose sand and rock; 4th rate.
	Undergrowth, scattered sage, weeds, yellow top, and black brush.
	Timber, dense juniper and pinon and scattered spruce.
	Good grazing land.

	S. 89°52' E., on random line, bet. secs. 15 and 22.
	As it is impossible to reach the true point for the cor. of secs. 15, 16, 21, and 22, I commence at the witness cor. to the cor. of said secs., which is S. 0°02' E., 1.95 chs. dist. from the true cor. point, and run on offset set line along base of inaccessible ledges as follows.
	S. 89°52' E., 7.50 chs. dist., thence:
	N. 0°02' W., 1.95 chs. dist. to:
7.50	Point on true random line; thence, S. 89°52' E. on random line.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect the N. and S. line, 9 lks. S. of the cor. secs. 14, 15, 22, and 23.
	Thence:
	N. 89°56' W., on true line, bet. secs. 15 and 22.
	Descend gradually along broken SW. slope of high mountainous land, through dense timber and scattered undergrowth.
9.60	Descend becomes abrupt, bears NW. and SE.
13.50	Head of Wide Hollow, 185 ft. below cor., drains SE.; ascend gradually along NE. slope.
40.04	On broken NE. slope, 290 ft. above head of Wide Hollow.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked. ¼ S15 / S22 1934 from which A yellow pine, 12 ins. diam., bears N. 22°30' E., 7 lks. dist., marked ¼ S15 BT. A red pine, 10 ins. diam., bears S. 60°15' E., 56 lks. dist., marked ¼ S22 BT.
42.70	Top of divide ridge, 20 ft. above the ¼ sec. cor., bears S. 20° E., and N. 20° E. about 7.50 chs. dist. to low pass or saddle in ridge; descend abrupt ledgy W. slope.
49.60	Draw, 230 ft. below ridge, drains SW.; thence along broke S. slope.
59.50	Old wood road, bears N. 40° E. and S. 40° W.
64.40	Sand Creek, stream 5 lks. wide, 4 ins. deep, in draw, 40 lks. wide, 10 ft. deep, flows S.; ascend gradually over ledgy SE. slope.
72.58	Base of inaccessible ledges, bears NE., and SW. 2.00 chs. dist., thence W.
80.08	The true point for the cor. of secs. 15, 16, 21, and 22, Land, broken and mountainous, with a general southeasterly and westerly exposure and drainage. Soil, shallow loose sand and rock; 4th rate. Undergrowth, scattered sage, weeds, deer, and black brush. Timber, dense juniper and pinon and scattered yellow pine. Fair grazing land.
	N. 0°02' W., bet. secs. 15 and 16. The true point for the cor. of secs. 15, 16, 21, and 22, is inaccessible, and is N. 0°02' W., 1.95 chs. dist. from the witness cor. to the cor. of said secs. As the S. portion of the line bet. secs. 15 and 16, passes over the inaccessible SE. face of high pink and red sandstone ledges, over which I am unable to chain, I determine the distance by triangulation as follows. Designate the true point for sec. cor. as "A", and the ¼ sec. cor. secs. 15 and 22, as "B". Erect flag "C" at top of ledges, N. 0°02' W. from "A". From "C", line "AB" subtends an angle of 63°21'. From "B", line "AC" subtends an angle of 26°33'. All angles checked by repetition. Vertical angle from "A" to "C" is plus 33°.

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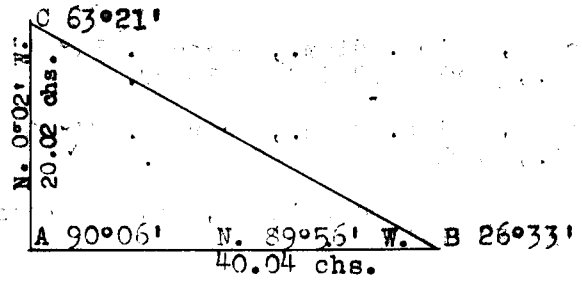
Chains



Distance by triangulation 20.02 chs.

20.02 To point "C" of triangulation at top of high mass of red and pink ledges, 370 ft. above point for sec. cor., bears NE. and SW.; descend abrupt N. slope of ledges.

23.00 Draw at base of ledges, 150 ft. below top, drains SW. from the N.; thence ascend along bottom of draw, through scattered pinon, aspen, spruce, and yellow pine timber, and undergrowth of weeds, yellow top, sage, and black brush.

34.00 Leave bottom of draw, drains S., and heads NE., 7.00 chs. dist.; ascend broken SE. slope.

39.20 Spur, 160 ft. above base of ledges, projects E.; descend gradually along N. slope.

40.00 On gradual N. slope near top 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
S16 | S15
1934

from which

A yellow pine, 24 lks. diam., bears S. 54° E., 38 lks. dist., marked ¼ S15 BT.

A yellow pine, 10 ins. diam., bears S. 73°30' W., 73 lks. dist., marked ¼ S16 BT.

43.00 Draw, 50 ft. below the ¼ sec. cor., drains SE., 8.00 chs. dist. to Sand Creek; ascend abruptly along irregular SE. slope.

80.00 On SE. slope, 785 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 9, 10, 15, and 16, with brass cap marked

T28S | R4E
S9 | S10
S16 | S15
1934

from which

A red pine, 30 ins. diam., bears N. 72° E., 153 lks. dist., marked T28S R4E S10 BT.

An aspen, 5 ins. diam., bears S. 25° E., 133 lks. dist., marked T28S R4E S15 BT.

SURVEY OF A PORTION OF SUBDIVISIONS OF SECS. 26 & 35, T. 4 S., R. 4 E.

Chains	
	An aspen, 4 ins. diam., bears S. 36° W., 6 lks. dist., marked T2S R4E S16 BT.
	An aspen, 6 ins. diam., bears N. 23° W., 29 lks. dist., marked T2S R4E S9 BT.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, deep and shallow sand and clay, mixed with rock; 3rd rate.
	Undergrowth, scattered yellow top, weeds, sage, and black brush.
	Timber, scattered spruce, aspen, red and yellow pine; a few scattered pinon found on S. portion of mile.
	Good grazing land.
	S. 89°56' E., on random line, bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
40.06	Intersect the cor. of secs. 10, 11, 14, and 15.
	Thence:
	N. 89°56' W., on true line, bet. secs. 10 and 15.
	Ascend abrupt E. slope of high mountainous land, through scattered timber and dense short undergrowth.
9.80	Small draw, 140 ft. above cor., drains S. 60° E.; continue ascent over E. slope.
28.40	Ridge, 610 ft. above cor., bears N. and S.; descend abrupt SW. slope.
38.75	Draw, 220 ft. below ridge, drains S.; aspen timber found along bottom of draw; ascend gradual SE. slope.
40.03	On gradual SE. slope, 25 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stones to top, for ¼ sec. cor., with brass cap marked ¼ S10 / S15 1934 from which
	A red pine, 12 ins. diam., bears South, 107 lks. dist., marked ¼ S15 BT.
	A red pine, 10 ins. diam., bears N. 38° W., 71 lks. dist., marked ¼ S10 BT.
43.60	Dim wood road, bears N. 20° E. and S. 10° W.
50.20	Spur, 20 ft. above cor., projects S. 15° E.; descend gradual SW. slope.
53.70	Draw, 60 ft. below spur, drains S. 15° E., 12.00 chs. dist. to small swamp, 2.50 chs. in diam.; ascend SE. slope.

Chains	
55.10	Enter dense aspen timber, bears NW. and SE.
70.00	Leave aspen timber and enter scattered red pine and spruce timber, bears N. 15° W. and S. 15° E.
62.00	Spur, 70 ft. above draw, projects S. 15° E.; descend gradual SW. slope.
63.60	Sand Creek, stream 4 lks. wide, 4 ins. deep, in wash, 20 lks. wide, 3 ft. deep, 20 ft. below spur, flows S. 15° E.; ascend broken SE. slope.
70.30	Spur, 90 ft. above creek, projects SE.; descend SW. slope.
73.00	Draw, 20 ft. below spur, drains S. 30° E.; ascend steep SE. slope through aspen and red pine timber.
80.06	The cor. of secs. 9, 10, 15, and 16, 120 ft. above draw.
	Land, high, broken and mountainous, with a general southerly exposure and drainage.
	Soil, shallow white clay and rock; 3rd rate.
	Undergrowth, dense short sage, yellow top, weeds, and black brush.
	Timber, scattered and dense aspen, spruce, pinon, and red pine, on portions of mile.
	Good grazing land.

N. 0°02' W., bet. secs. 9 and 10.

Ascend gradual SE. slope of high mountainous land, through dense timber and scattered undergrowth.

16.81	A red pine, 26 ins. diam., on line, which I mark with two notches on N. and S. faces for line tree.
18.80	Spur, 210 ft. above cor., projects SE.; thence along E. slope.
21.80	Draw, same level as spur, drains S. 60° E., 8.00 chs. dist. to Sand Creek; ascend gradually along irregular SE. slope.
28.80	Mound of stone on top of spur, 70 ft. above draw, projects SE.; continue ascent over SE. slope.
40.00	On steep 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

S9 | S10

1934

from which

An aspen, 6 ins. diam., bears S. 68° E., 12 lks. dist., marked ¼ S10 BT.

An aspen, 7 ins. diam., bears N. 81°15' W., 11 lks. dist., marked ¼ S9 BT.

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Chains	
56.70	Trail, bears N. 80° W. and S. 80° E.
61.70	Sand Creek, 4 lks. wide, 4 ins. deep, 170 ft. above the ¼ sec. cor., flows SE. under a bed of lava boulders; slope changes from a gradual SE. slope to a gradual SW. slope; thence over broken lava boulders through dense scrub aspen and spruce timber, bears NE. and SW.
80.00	On broken SW. slope, 170 ft. above Sand Creek.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 3, 4, 9, and 10, with brass cap marked

T28S R4E	
S4	S3
S9.	S10

1934

from which

A spruce, 10 ins. diam., bears N. 25° E., 55 lks. dist., marked T28S R4E S3 BT.

A spruce, 12 ins. diam., bears S. 51°30' E., 34 lks. dist., marked T28S R4E S10 BT.

A spruce, 18 ins. diam., bears S. 44°30' W., 35 lks. dist., marked T28S R4E S9 BT.

A spruce, 8 ins. diam., bears N. 63°30' W., 23 lks. dist., marked T28S R4E S4 BT.

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

Soil, deep white clay, mixed with lava rock; 4th rate.

Undergrowth, scattered sage, yellow top, weeds, and black brush.

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

Good grazing land.

S. 89°56' E., on random line, bet. secs. 3 and 10.

40.00	Set temp. ¼ sec. cor.
80.08	Intersect the N. and S. line, 3 lks. N. of the cor. secs. 2, 3, 10, and 11.

Thence:

N. 89°55' W., on true line, bet. secs. 3 and 10.

Descend gradually along S. slope of high mountainous land, through scattered patches of dense timber and scattered undergrowth.

1.70	Dry channel of Sulphur Creek, near head, 10 ft. below cor., drains SE. from the N.; ascend steep SE. slope.
14.30	Spur, 160 ft. above draw, projects S.; thence along S. slope.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
17.90	Enter dense aspen timber, bears N. and S.
18.80	Draw, same level as spur, drains S.; ascend gradual SE. slope.
27.90	Leave dense aspen, bears N. 15° W. and S. 30° E.
30.40	Rolling top of spur, 120 ft. above draw, projects S.; descend gradual W. slope.
31.39	Old broken down pole fence at the E. side of the Sulphur Ranger Station Pasture, bears S. 7°10' E., 1.23 chs. dist. to the SE. cor., and N. 7°10' W., about 15.00 chs. dist. to the NE. cor.
36.40	Draw, 20 ft. below spur, drains S.; aspen and spruce timber found along bottom of draw.; ascend gradually over grassy E. slope.
40.04	On gradual grassy E. slope, 20 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 S3 / S10 / 1934
	from which
	A spruce, 8 ins. diam., bears N. 35° E., 343 lks. dist., marked ¼ S3 BT.
	An aspen, 8 ins. diam., bears S. 81° E., 364 lks. dist., marked ¼ S10 BT.
	Thence ascend gradual SE. slope.
45.70	Ditch, 5 lks. wide, 1 ft. deep, which carries the water from Sulphur Spring, to Sand Creek, drains SW. from N. 70° E.
51.39	Broken down pole fence at W. side of Sulphur Ranger Station Pasture, bears S. 10°50' E., 5.20 chs. dist. to the SW. cor., and N. 10°50' W., about 15.00 chs. dist. to the NW. cor.
52.00	Rolling top of divide ridge, 20 ft. above the ¼ sec. cor., bears N. and S. 15° E.; descend gradual SW. slope.
70.15	Small spring branch in draw, 50 ft. below ridge, flows S. 35° E., and heads N. 35° W., 2.50 chs. dist.; ascend gradual SE. slope of lava sliderock and large boulders.
76.30	Rocky spur, 60 ft. above creek, projects S. 30° E.; descend gradually along SW. slope.
80.08	The cor. of secs. 3, 4, 9, and 10, 10 ft. below spur.
	Land, high and mountainous, with a general southerly exposure and drainage.
	Soil, deep white and yellow clay, mixed with rock; 4th rate.
	Undergrowth, scattered weeds and sagebrush.

Chains

Timber, scattered patches of dense aspen, spruce, and red pine.

Good grazing land.

N. 0°20' W., on random line, bet. secs. 3 and 4.

40.00 Set temp. ¼ sec. cor.

74.10 Intersect the N. bdy. of the township, 2 lks. W. of the cor. secs. 3, 4, 33, and 34, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey T. 27 S., R. 4 E., of this group.

Thence:

S. 0°19' E., on true line, bet. secs. 3 and 4.

Descend gradually along broken E. slope of high mountainous land, through dense timber and scattered undergrowth.

[illegible].20 Top of divide ridge, 20 ft. below cor., bears E. and W.; descend steep broken SE. slope.

[illegible].40 From this point, the SE. point of large flat top of the Thousand Lake Mountain, bears West, 7.00 chs. dist.

20.90 Base of descent from divide ridge, 150 ft. below top, bears E. and W.; ascend gradual NE. slope.

2[illegible].10 Forest Service trail to flat top of the Thousand Lake Mountain, bears N. 80° E. and S. 80° W.

2[illegible].10 Spur, 50 ft. above base of ascent, projects E.; descend abrupt irregular SE. slope.

3[illegible].10 On SE. slope, 90 ft. below spur.

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

¼
S4 | S3
1934

from which

A spruce, 8 ins. diam., bears N. 62°30' E., 34 lks. dist., marked ¼ S3 BT.

A spruce, 12 ins. diam., bears S. 1[illegible]°15' W., 136 lks. dist., marked ¼ S4 BT.

[illegible].30 Slope changes from an abrupt SE. slope to an abrupt S. slope.

[illegible].50 Forest Service trail, bears N. 70° E. and S. 70° W.

[illegible].10 The cor. of secs. 3, 4, 9, and 10, 430 ft. below the ¼ sec. cor.

Land, high and mountainous, with a general easterly and southeasterly exposure and drainage.

Soil, deep white clay and rock; 4th rate.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Undergrowth, scattered weeds, sage, and deer brush.
	Timber, dense aspen, spruce, red, and yellow pine.
	Good grazing land.
	From the restored point for the cor. of secs. 20, 21, 28, and 29, which is East, 50 lks. dist. from the witness cor. to the cor. of said secs., heretofore described.
	N. 0°03' W., bet. secs. 20 and 21.
	Along NW. face of white sandstone ledges, through dense timber and scattered undergrowth; descend NW. slope.
3.10	The N. end of ledges, bears NE. and SW.; continue descent over NW. slope.
13.70	Head of draw, 130 ft. below cor. point, drains W.; ascend gradual S. slope.
16.80	Sandy spur, 40 ft. above head of draw, projects W. 80° W.; descend gradual NW. slope.
30.20	Draw, 60 ft. below spur, drains W.; ascend steep SE. slope of sandstone ledges.
35.80	The E. edge of top of sandstone ledges or butte, bears E., and W. 4.00 chs. to end, 80 ft. above draw; descend N. slope.
40.00	On gradual N. slope, 50 ft. below top of butte.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S20 | S21 1934 from which
	A red pine, 30 ins. diam., bears S. 11° E., 76 lks. dist., marked ¼ S21 BT.
	A red pine, 10 ins. diam., bears S. 29°30' W., 230 lks. dist., marked ¼ S20 BT.
42.00	Draw in bottom of wide opening, 10 ft. below the ¼ sec. cor., drains W., 3.00 chs. dist., thence SW.; ascend gradual S. slope.
48.00	Slope changes from a gradual S. slope to a rocky steep SW. slope, bears SE. and NW.
69.80	Spur, 440 ft. above the ¼ sec. cor., projects SW. from the E.; descend abrupt irregular NW. slope.
74.70	Head of draw, 70 ft. below spur, drains W., 2.00 chs. dist., thence SW.; ascend abrupt rocky SW. slope.
80.00	On abrupt rocky SW. slope, 60 ft. above head of draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	

T28S R4E	
S17	S16
S20	S21

1934

from which

A pinon, 5 ins. diam., bears N. 24° E., 31 lks. dist., marked T28S R4E S16 BT.

A pinon, 8 ins. diam., bears S. 60° E., 79 lks. dist., marked T28S R4E S21 BT.

A pinon, 14 ins. diam., bears S. 56°30' W., 42 lks. dist., marked T28S R4E S20 BT.

A juniper, 12 ins. diam., bears N. 21° W., 66 lks. dist., marked T28S R4E S17 BT.

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

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

Undergrowth, scattered weeds, sage, deer, and rabbit brus

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

Fair grazing land.

N. 89°57' E., on random line, bet. secs. 16 and 21.

40.00 Set temp. ¼ sec. cor.

53.53 Leave flag point.

65.00 Base of inaccessible mass of pink and red sandstone ledge over which I am unable to chain, to pass ledges I return to the 53.53 chs. point and run on traverse line as follo

S. 29°00' E., 22.69 chs., thence:
East, 15.38 chs., thence:
N. 0°02' W., 17.99 chs. to:

79.90 The witness cor. to the cor. of secs. 15, 16, 21, and 22, which is S. 0°02' E., 1.95 chs. dist. from the true point for the cor. of said secs.

The course of the line bet. secs. 16 and 21, therefore is, S. 89°54' W., and the distance is 79.90 chs.

Thence:

From the true point for the cor. secs. 15, 16, 21, and 22.

S. 89°54' W., on true line, bet. secs. 16 and 21.

Over inaccessible S. face of high pink and red sandstone ledges.

7.50 Approximate distance; top of ascent on ledges, 220 ft. hig slopes S.; descend abrupt SW. slope of ledges.

14.90 The SW. base of ledges, 210 ft. below top, bears S. and NW.; thence descend broken W. slope of rough mountainous land, through dense timber and scattered undergrowth.

Chains	
22.40	**Draw**, 120 ft. below base of ledges, drains S.; ascend gradual SE. slope.
27.50	**Spur**, 70 ft. above draw, projects S., 6.00 chs. dist. to end; descend steep W. slope.
30.40	**Small draw**, 70 ft. below spur, drains S. 30° E.; ascend abrupt E. slope over sandstone outcroppings.
39.30	Slope changes from an abrupt E. slope to a gradual SE. slope, bears NE. and SW.
39.95	At W. edge of sandstone outcroppings, 250 ft. above draw, bears N. and S.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S16 / S21
	1934
	from which
	A yellow pine, 10 ins. diam., bears S. 35° W., 54 lks. dist., marked ¼ S21 BT.
	A yellow pine, 20 ins. diam., bears N. 40°30' W., 47 lks. dist., marked ¼ S16 BT.
47.00	Spur, 20 ft. above the ¼ sec. cor., projects S. 20° W., 4.00 chs. dist., thence SE.; descend abrupt W. slope.
52.00	Draw, 110 ft. below spur, drains S., 5.00 chs. dist., thence SE.; small seeps of good water found along bottom of draw; ascend abrupt E. slope.
72.00	Ridge, 600 ft. above draw, bears N. 15° E. and S.; descend gradual SW. slope.
79.90	The cor. of secs. 16, 17, 20, and 21, 20 ft. below ridge.
	Land, broken and mountainous, with a general southeasterly exposure and drainage.
	Soil, shallow loose sand and rock; 3rd rate.
	Undergrowth, scattered sage, rabbit, weeds, and deer brush.
	Timber, dense juniper and pinon and scattered red and yellow pine.
	Good grazing land.
	N. 0°03' W., bet. secs. 16 and 17.
	Ascend gradual SW. slope of high mountainous land, through dense timber and scattered undergrowth.
17.60	Head of draw, 3.00 chs. wide, 15 ft. deep, drains SW.; continue ascent.
25.30	Broken top of spur, 210 ft. above cor., projects W.; thence ascend gradually along W. slope.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains

27.91 A red pine, 24 ins. diam., on line, which I mark with 2 notches on N. and S. faces for a line tree.

36.70 Small spring branch in bottom of draw, 30 ft. above spur flows S. 60° W., about 4.00 chs. dist.; thence ascend SE. slope.

40.00 On broken SE. slope, 55 ft. above spring branch.

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

¼

S17 | S16

1934

from which

A pinon, 15 ins. diam., bears S. 86°30' E., 81 lks. dist., marked ¼ S16 BT.

A pinon, 18 ins. diam., bears N. 87° W., 70 lks. dist., marked ¼ S17 BT.

66.00 Enter dense aspen, spruce, red and yellow pine timber, bears NW. and SE.

72.00 Recross same spring branch as last, flows SE., and heads at a small spring, W., 75 lks. dist.

80.00 On broken SE. slope, 540 ft. above the ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in th ground to solid rock and in a mound of stone to top, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T28S | R4E
S8 | S9
S17 | S16

1934

from which

A red pine, 30 ins. diam., bears N. 36° E., 44 lks. dist., marked T28S R4E S9 BT.

A red pine, 6 ins. diam., bears S. 31°30' E., 70 lks. dist., marked T28S R4E S16 BT.

A red pine, 6 ins. diam., bears S. 10° W., 31 lks. dist., marked T2 S R4E S17 BT.

A red pine, 10 ins. diam., bears N. 86° W., 52 lks. dist., marked T28S R4E S8 BT.

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

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

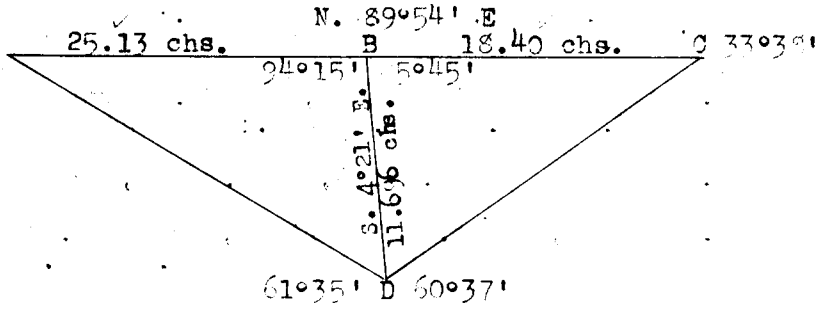
Undergrowth, scattered weeds, yellow top, sage, and black brush.

Timber, dense juniper, pinon, aspen, red and yellow pine.

Good grazing land.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	N. 89°54' E., on random line, bet. secs. 9 and 16.
20.02	The line E. of this point passes over broken ledges over which it is impracticable to chain, I therefore determine the distance by triangulation as follows.
	Erect flag "A" at the 20.02 chs. point and flag "B" and "C" on line to the E. From "B" survey base line "BD", S. 4°21' E., 11.696 chs. dist. From "D", line "AB" subtends an angle of 61°35'. From "A", line "BD" subtends an angle of 24°10'. From "D", line "BC" subtends an angle of 60°37'. From "C", line "BD" subtends an angle of 33°38'. Vertical angle from "A" to "B" is minus 15°30'. Vertical angle from "B" to "C", is plus 24°20'. All angles checked by repetition and base line double chained.



Distance on line	20.02 chs.
Distance by triangulation "A" to "B"	25.13 chs.
Distance to point "B" of triangulation	45.15 chs.
Distance by triangulation "B" to "C"	18.40 chs.
Distance to point "C" of triangulation	63.55 chs.

40.00	Distance determined by return measurement from point "B" of triangulation; set temp. ¼ sec. cor.
63.55	To point "C" of triangulation.
80.08	Intersect the N. and S. line, 5 lks. S. of the cor. secs. 9, 10, 15, and 16.
	Thence:
	S. 89°12' W., on true line, bet. secs. 9 and 16.
	Ascend gradual SE. slope of high rough mountainous land, through dense timber and scattered undergrowth.
7.40	Spur, 90 ft. above cor., projects S.; descend gradual SW. slope.
16.53	Top of inaccessible sandstone ledges facing W. and bearing N. and S., 40 ft. below spur.
26.30	Distance determined by direct measurement from point "B" of triangulation; draw, 650 ft. below top of E. breaks of ledges, drains S.; ascend broken SE. slope.
34.93	Top of steep spur, 145 ft. above draw, projects S.; descend abrupt W. slope.
40.04	On abrupt W. slope, near top 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 S9 / S16

1934

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	from which
	A spruce, 28 lks. diam., bears S. 9° W., 89 lks. dist., marked ¼ S16 BT.
	A spruce, 10 ins. diam., bears N. 34° W., 130 lks. dist., marked ¼ S9 BT.
42.50	Distance determined by return measurement from point "B" of triangulation; stream, 2 lks. wide, 2 ins. deep, in draw, 165 ft. below spur, flows S. 20° E.; ascend abrupt E. slope, over inaccessible ledges.
50.00	Approximate distance; spur, 160 ft. above draw, projects S.; descend abrupt SW. slope.
53.00	Approximate distance; head of boxed gulch, drains S., 10.00 chs. dist., thence SE.; ascend abruptly over broken E. slope of inaccessible sandstone ledges.
60.06	Top of divide ridge, 560 ft. above the ¼ sec. cor., bears N. 30° E. and S. 30° W.; descend gradually along S. slope.
62.00	Ditch, 5 lks. wide, 2 ft. deep, drains S. 30° W.
73.00	Draw, 40 ft. below ridge, drains S. 15° E.; ascend gradually along irregular SE. slope.
80.08	The cor. of secs. 8, 9, 16, and 17, 70 ft. above draw.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, shallow loose sand, clay, and rock; 4th rate.
	Undergrowth, scattered sage, weeds, yellow top, buck, black, and deer brush.
	Timber, dense juniper, pinon, spruce, red and yellow pine.
	Good grazing land.
	N. 0°03' W., bet. secs. 8 and 9.
	Ascend irregular SE. slope of high rough mountainous land, through dense timber and scattered undergrowth.
39.00	Slope changes from an abrupt SE. slope to a gradual S. slope, bears NE. and SW.
40.00	On gradual S. slope, 450 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ | S8 | S9 | 1935
	from which
	A yellow pine, 18 ins. diam., bears S. 37°15' E., 44 lks dist., marked ¼ S9 BT.
	A yellow pine, 30 ins. diam., bears N. 70° W., 26 lks. dist., marked ¼ S8 BT.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
63.00	Slope changes from a S. to a SE. slope, bears W. and NE.
66.35	Forest Service trail, bears E. and W.; thence ascend abrupt SE. slope.
71.40	Small spring of good water, bears East, 6.00 chs. dist.
80.00	On steep SE. slope, 310 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for cor. secs. 4, 5, 8, and 9, with brass cap marked

T28S | R4E	
S5	S4
S8	S9

1935

from which

A yellow pine, 12 ins. diam., bears N. 82° E., 134 lks. dist., marked T28S R4E S4 BT.

An aspen, 3 ins. diam., bears S. 40° E., 22 lks. dist., marked BT.

An aspen, 3 ins. diam., bears S. 15° W., 28 lks. dist., marked BT.

A red pine, 16 ins. diam., bears N. 2°30' W., 308 lks. dist., marked T28S R4E S5 BT.

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

Soil, shallow dark mountain loam, mixed with rock; 3rd rate.

Undergrowth, scattered sage, weeds, deer, and buck brush.

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

Good grazing land.

N. 89°52' E., on random line, bet. secs. 4 and 9.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the N. and S. line, 19 lks. N. of the cor. secs. 3, 4, 9, and 10.

Thence:

West, on true line, bet. secs. 4 and 9.

Ascend gradually along broken S. slope of high mountainous land, through dense timber and scattered undergrowth.

12.50 Top of ascent, 50 ft. above cor., bears N. and S.; descend gradually over rocky SW. slope.

18.40 Forest Service trail at base of descent, bears N. 30° W. and S. 30° E.; ascend gradually over broken SE. slope.

33.00 Top of ascent, 100 ft. above base, bears NE. and SW.; descend gradually along broken S. slope of lava bed.

Chains	
40.00	In S. edge of broken lava bed basin, 7.00 chs. in diam.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mo of stone to its top, for ¼ sec. cor., with brass cap marked
	S4 / ¼ / S9 / 1934
	from which
	A spruce, 12 ins. diam., bears S. 65°30' E., 73 lks. dist., marked ¼ S9 BT.
	A spruce, 14 ins. diam., bears N. 29° W., 52 lks. dist., marked ¼ S4 BT.
44.33	From this point, Chaffin Spring, bears North, 12.00 chs. dist.
49.45	An old log water flume, bears NW. and SE.
53.75	Trail, bears NE. and SW.
55.10	Ditch, 5 lks. wide, 1 ft. deep, drains SW., and bears NE. to Chaffin Spring.
57.50	Base of descent, 80 ft. below the ¼ sec. cor., bears NE. and SW.; ascend gradually over broken SE. slope.
80.00	The cor. of secs. 4, 5, 8, and 9, 230 ft. above base of ascent.
	Land, high, broken, and mountainous, with a general southerly exposure and drainage.
	Soil, shallow dark mountain loam and rock; 3rd rate.
	Undergrowth, scattered weeds, sage, deer, and buck brush.
	Timber, dense aspen, spruce, and red pine.
	Good grazing land.
	N. 0°20' W., on random line, bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
74.00	Intersect the N. bdy. of the township, 4 lks. W. of the cor. secs. 4, 5, 32, and 33, which is an iron post, 2 ins diam., set, marked, and witnessed as described in the official record of the survey of T. 27 S., R. 4 E., of this group.
	Thence:
	S. 0°18' E., on true line, bet. secs. 4 and 5.
	Descend gradual S. slope of the flat top of the Thousand Lake Mountain, through scattered timber and undergrowth.
32.00	Top of nearly vertical trachyte ledges at S. rim of the flat top of the Thousand Lake Mountain, 75 ft. below cor., bears N. 60° W. and S. 60° E.
34.00	At base of ledges, 150 ft. below top, bears N. 60° W. and S. 60° E.; mark a cross (X) on the surfacerock, over which:

Chains

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to its top, for ¼ sec. cor., with brass cap marked

¼

S5 | S4

1935

No suitable bearing trees available.

Thence descend abruptly over rocky S. slope.

56.00 Base of descent, bears E. and W.; ascend steep rocky NE. slope; through scattered spruce and dense aspen timber.

59.60 Top of rocky rise, 110 ft. above base of descent, bears E. and W.; descend steep rocky SE. slope.

74.00 The cor. of secs. 4, 5, 8, and 9, 160 ft. below top of rise and 470 ft. below the ¼ sec. cor.

Land, N. portion of mile is rolling top of mountain; S. portion is steep, rough, and mountainous; general southerly exposure and drainage.

Soil, shallow black mountain loam and rock; 3rd rate.

Undergrowth, scattered weeds, sage, deer, and buck brush.

Timber, scattered and dense aspen, spruce, and red pine.

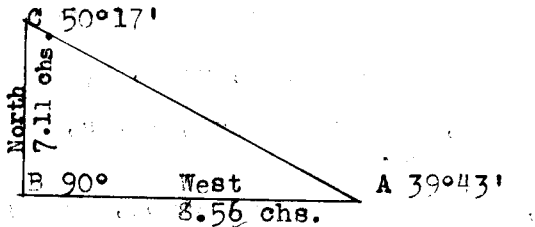
Good grazing land.

From the restored cor. of secs. 29, 30, 31, and 32, heretofore described.

West, on random line, bet. secs. 30 and 31.

30.58 The line to the W. of this point passes over inaccessible sandstone rim, over which I am unable to chain, I therefore determine the distance by triangulation as follows.

Erect flag "A" at the 30.58 chs. point, and flag "B" on line W. From "B", survey base line "BC", North, 7.11 chs. dist. From "C", line "AB" subtends an angle of 50°17'. From "A" line "BC" subtends an angle of 39°43'. Vertical angle from "A" to "B" is minus 30°. All angles checked by repetition and base line double chained.



Distance on line 30.58 chs.
Distance by triangulation 8.56 chs.
39.14 chs.

39.14 To point "B" of triangulation.

40.00 Set temp. ¼ sec. cor.

78.69 Intersect the W. bdy. of the township, 16 lks. S. of the

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	restored cor. of secs. 25, 30, 31, and 36, heretofore described.
	Thence:
	S. 89°53' E., on true line, bet. secs. 30 and 31.
	Descend gradually along steep S. slope of rough mountain land, through dense timber and scattered undergrowth.
6.70	Gulch, 60 ft. below cor., drains S. 20° W., 7.00 chs. dist., thence W.; ascend steep rocky SW. slope.
13.00	Ridge, 80 ft. above gulch, bears N. 80° W. and E.; at this point is a spur, projects SW. from ridge; thence along top of ridge.
20.00	Saddle in ridge, bears W. and S. 60° E.; descend along steep N. slope of ridge.
38.69	On steep rocky N. slope of ridge, 25 ft. below saddle.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S30 / S31 1935 from which
	A pinon, 10 ins. diam., bears N. 25° E., 17½ lks. dist., marked ¼ S30 BT.
	A pinon, 10 ins. diam., bears S. 80° E., 58 lks. dist., marked ¼ S31 BT.
39.55	Base of nearly perpendicular ledges, bears NE. and SW.
48.11	Top of ledges, 330 ft. above the ¼ sec. cor., bears NE. and SW.; thence ascend abrupt NW. slope over broken sandstone outcroppings.
73.10	Top of ledges and W. rim of mesa, bears N. 20° E., and S. 30° W., 2.50 chs. dist., thence S. 70° W.; 650 ft. above the ¼ sec. cor.
78.69	The cor. of secs. 29, 30, 31, and 32.
	Land, broken and mountainous, with a general westerly and southwesterly exposure and drainage.
	Soil, shallow loose sand, clay, and rock; 3rd rate.
	Undergrowth, scattered sage, weeds, silver leaf, buck, and black brush.
	Timber, dense juniper and pinon, and scattered spruce.
	Poor grazing land.
	----------
	the true point for From the restored cor. of secs. 20, 21, 28, and 29, heretofore described, which is 50 lks. E. of the witness cor.
	West, on random sectional correction line, bet. secs. 20 and 29.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
40.00	Set temp. ¼ sec. cor.
80.00	Set temp. cor. of secs. 19, 20, 29, and 30.
	Thence:
	S. 0°03' E., on random line, bet. secs. 29 and 30.
40.00	Set temp. ¼ sec. cor.
78.72	Fall 2 lks. W. of the cor. secs. 29, 30, 31, and 32.
	Thence, from the cor. secs. 29, 30, 31, and 32.
	N. 0°03' W., on true line, bet. secs. 29 and 30.
	Ascend gradual SE. slope of top of broken mesa and mountainous land, through dense timber and scattered undergrowth.
5.80	Rim of mesa, 20 ft. above cor., bears N. 10° E. and S. 30° W.; descend along broken W. slope.
25.00	Head of boxed canyon, which is fork of Red Canyon, draining S. 30° W., bears West, about 20.00 chs. dist.
38.72	On broken W. slope, 110 ft. below rim of mesa.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S30 | S29

1934

from which

A pinon, 10 ins. diam., bears N. 47° E., 50 lks. dist., marked ¼ S29 BT.

A pinon, 12 ins. diam., bears S. 55°30' W., 47 lks. dist., marked ¼ S30 BT.

	Thence descend abrupt ledgy N. slope.
45.00	Gulch, 135 ft. below the ¼ sec. cor., drains W.; ascend gradually over broken SW. slope.
52.20	Spur, 130 ft. above gulch, projects W., 8.00 chs. dist. to end; descend gradual N. slope.
59.60	Draw, 20 ft. below spur, drains W., 2.00 chs. dist., thence SW., about 14 chains dist. to fork of Red Canyon; ascend steep rocky S. slope.
66.60	Spur, 70 ft. above draw, projects SW.; descend along rocky W. slope.
74.00	Draw which is fork of Red Canyon, 75 ft. below spur, drains W., 1.00 chs. dist., thence S.; ascend rocky gradual S. slope.
75.40	Small spur, 40 ft. above draw, projects E., 2.00 chs. dist. to end; descend steep rocky NE. slope.
76.20	Recross draw, 30 ft. below spur, drains SE., 3.00 chs. dist., thence SW.; ascend steep rocky S. slope.

SURVEY OF A PORTION SUBDIVISION? T. 28 S., R. 4 E.

Chains	
78.72	On steep rocky S. slope, 30 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in t ground to solid rock and in a mound of stone to top, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T28S | R4E	
S19	S20
S30	S29

1935

from which

A juniper, 12 ins. diam., bears N. 61° E., 6 lks. dist., marked T28S R4E S20 BT.

A pinon, 12 ins. diam., bears S. 61°30' E., 60 lks. dist., marked T28S R4E S29 BT.

A pinon, 10 ins. diam., bears S. 61° W., 8 lks. dist., marked T28S R4E S30 BT.

A pinon, 8 ins. diam., bears N. 17° W., 70 lks. dist., marked T28S R4E S19 BT.

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

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

Undergrowth, scattered weeds, silver leaf, sage, black, buck, and deer brush.

Timber, dense juniper and pinon and scattered spruce.

Fair grazing land.

From the true point for the restored cor. of secs. 20, 21 28, and 29, which is East, 50 lks. dist. from the witness cor. to the cor. of said secs.

West, on true sectional correction line, bet. secs. 20 and 29.

Descend ledgy W. slope of white sandstone ledges and rough mountainous land, through dense timber and scattere undergrowth.

0.50	The witness cor. to the cor. of secs. 20, 21, 28, and 29, heretofore described.
1.40	Draw, 20 ft. below true point for sec. cor., drains NW.; ascend steep rocky NE. slope.
14.00	Top of ascent on steep N. slope, 330 ft. above draw, bears N. and S.; descend gradually along N. slope.
18.00	Spur, 20 ft. below top of ascent, projects N. 30° W.; descend abrupt NW. slope.
23.10	Draw, 160 ft. below spur, drains N.; ascend gradually along N. slope.
29.30	Spur, 30 ft. above draw, projects N. 30° W.; descend steep NW. slope.

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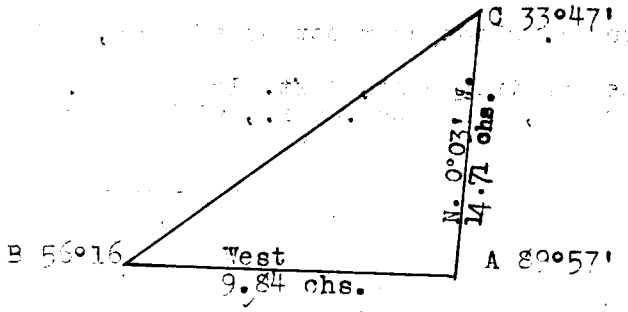
SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
39.99	On NW. slope near bottom of draw, 250 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 S20 / S29 1935 from which A red pine, 24 ins. diam., bears S. 71°45' E., 88 lks. dist., marked ¼ S29 BT. A red pine, 20 ins. diam., bears N. 2° W., 30 lks. dist., marked ¼ S20 BT.
40.80	Draw, 10 ft. below the ¼ sec. cor., drains N. 20° W., ascend gradually along rolling N. slope.
55.50	Draw, 20 lks. wide, 5 ft. deep, drains N., 5.00 chs. dist. to junction with main draw draining westerly.
62.00	Top of ascent on N. slope, 30 ft. above the ¼ sec. cor., bears N. and S.; descend abrupt NW. slope.
67.00	Descent over NW. slope becomes gradual, bears N. and S.
79.98	The cor. of secs. 19, 20, 29, and 30, 340 ft. below top of ascent. Land, broken and mountainous, with a general northerly and northwesterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattered weeds, sage, and black brush. Timber, dense juniper and pinon and scattered spruce and red pine. Good grazing land.
	West, on true sectional correction line, bet. secs. 19 and 30. Descend abrupt W. slope of high broken mountainous land, through dense timber and scattered undergrowth.
0.80	Draw which is fork of Red Canyon, 20 ft. below cor., drains S.; the line to the W. of this point, ascends abruptly over the inaccessible SE. face of ledges over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at the cor. secs. 19, 20, 29, and 30, and flag "B" on line W. From "A", survey base line "AC", N. 0°03' W., 14.71 chs. dist. From "C" line "AB" subtends an angle of 33°47'. From "B", line "AC" subtends an angle of 56°16'. Vertical angle from "A" to "B" is plus 23°. All angles checked by repetition and base line double chained.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains



Distance by triangulation 9.84 chs.

9.84 To point "B" of triangulation.

11.00 Top of E. rim of high broken ledges, 300 ft. above cor., bears N. and S.; thence descend gradually over broken top of ledges.

28.60 Top of abrupt descent over W. face of ledges, bears N. and S.

30.00 The W. base of ledges, 270 ft. below top, bears N. and S. thence over rolling bench land.

40.00 On rolling bench land.

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

$$\frac{1}{4}\ \frac{S19}{S30}$$

1935

from which

A pinon, 14 ins. diam., bears S. 50° W., 117 lks. dist., marked ¼ S30 BT.

A pinon, 10 ins. diam., bears N. 84° W., 64 lks. dist., marked ¼ S19 BT.

53.00 Bottom of sandstone gulch, with perpendicular walls, 100 ft. high, 200 ft. below the ¼ sec. cor., drains S. 10° E. ascend abrupt E. slope over ledges.

63.60 Top of sandstone spur, 160 ft. above gulch, projects S., 5.00 chs. dist. to end; descend abrupt ledgy W. slope.

71.50 Draw, 210 ft. below spur, drains S.; ascend abrupt E. slope over ledges.

73.00 Top of sandstone spur, 40 ft. above draw, projects S.; descend abrupt W. slope over ledges.

78.60 Intersect the W. bdy. of the township, South, 1.53 chs. dist. from the cor. of secs. 24 and 25, T. 28 S., R. 3 E. heretofore described.

At point of intersection, on steep W. slope, 80 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. secs. 19 and 30, T. 28 S., R. 4 E., with brass cap marked

Chains

T28S | T28S
S19 | C
R3E | C
S30
S25 | R4E

1935

from which

A juniper, 6 ins. diam., bears N.0°15' E., 33 lks. dist., marked T28S R4E S19 CC BT.

A pinon, 8 ins. diam., bears S. 32° E., 86 lks. dist., marked T28S R4E S30 CC BT.

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

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

Undergrowth, scattered sage, weeds, silver leaf, yellow top, and black brush.

Timber, dense scrub juniper and pinon.

Fair garzing land.

From the cor. of secs. 19, 20, 29, and 30.

N. 0°03' W., bet. secs. 19 and 20.

Descend gradual NW. slope of rough mountainous land, through dense timber and scattered undergrowth.

2.00 Bottom of draw which is a fork of Red Canyon, 20 ft. below cor., drains W., 1.00 chs. dist., thence SE.; ascend abrupt SE. slope over sandstone ledges.

4.80 Draw, 20 ft. deep, drains S. 20° E.; thence ascend over rocky SW. slope.

25.70 Bend in top of spur, projects S. 15° E. from N. 15° E.; continue ascent over SW. slope.

32.50 Head of small draw, 20 ft. deep, drains S. 20° W.; continue ascent over SW. slope.

40.00 On SW. slope, 570 ft. above sec. cor.

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

¼
S19 | S20
1935

from which

A pinon, 12 ins. diam., bears S. 37°45' E., 18 lks. dist., marked ¼ S20 BT.

A pinon, 10 ins. diam., bears N. 43°30' W., 64 lks. dist., marked ¼ S19 BT.

58.80 Bend in top of spur, 50 ft. above the ¼ sec. cor., projects S. 10° E. and bears NE.; descend abrupt NW. slope.

Chains	
61.50	Rocky draw, 75 ft. below bend in spur, drains W.; ascend steep rocky S. slope.
77.00	Spur, projects S. 35° W.; thence ascend gradually along steep W. slope.
80.00	On steep W. slope, 420 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 17, 18, 19, and 20, with brass cap marked

T28S S18	R4E S17
S19	S20

1935

from which

A pinon, 20 ins. diam., bears N. 14° E., 44 lks. dist., marked T28S R4E S17 BT.

A pinon, 8 ins. diam., bears S. 23°30' E., 63 lks. dist., marked T28S R4E S20 BT.

A pinon, 13 ins. diam., bears S. 28°30' W., 61 lks. dist., marked T28S R4E S19 BT.

A pinon, 15 ins. diam., bears N. 65°15' W., 65 lks. dist., marked T28S R4E S18 BT.

Land, rough and mountainous; with a general southerly and westerly exposure and drainage.

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

Undergrowth, scattered sage, weeds, yellow top, and black brush.

Timber, dense juniper and pinon and a few scattered spruce

Fair grazing land.

East; on random line; bet. secs. 17 and 20.

40.00	Set temp. ¼ sec. cor.
79.62	Intersect the N. and S. line, 12 lks. S. of the cor. secs. 16, 17, 20, and 21.

Thence:

S. 89°55' W., on true line, bet. secs. 17 and 20.

Descend steep W. slope of high mountainous land, through dense timber and scattered undergrowth.

12.60	Bottom of wide draw, 170 ft. below cor., drains S.; ascend steep SE. slope.
26.30	Spur, 470 ft. above draw, projects S.; descend rocky SW. slope.
32.70	Head of draw, 40 ft. below spur, drains S.; ascend gradual SE. slope.

Chains	
39.91	At top of ascent, 70 ft. above head of draw, slopes S.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S17 / S20 1935 from which
	A pinon, 10 ins. diam., bears N. 44° E., 40 lks. dist., marked ¼ S17 BT.
	A pinon, 8 ins. diam., bears S. 63°30' E., 30 lks. dist., marked ¼ S20 BT.
	Thence descend gradually along S. slope.
52.20	Slope changes from a S. slope to a NW. slope, bears NE. and SW.
63.10	Draw, 350 ft. below the ¼ sec. cor., drains S. 30° E.; ascend gradual SE. slope.
79.20	Spur, 100 ft. above draw, projects S. 10° W.; descend steep W. slope.
79.82	The cor. of secs. 17, 18, 19, and 20, 10 ft. below top of spur.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, shallow loose sand, clay, and rock; 3rd rate.
	Undergrowth, scattered sage, weeds, silver leaf, buck, and black brush.
	Timber, dense juniper and pinon and a few scattered spruce.
	Fair grazing land.
	West, on true line, bet. secs. 18 and 19.
	Descend abrupt W. slope of high mountainous land, through dense timber and scattered undergrowth.
14.50	Draw, 310 ft. below cor., drains S.; ascend steep broken E. slope.
22.60	Top of white sandstone spur, 360 ft. above draw, projects S. 20° W.; descend abrupt NW. slope over ledges.
27.89	Leave flag for triangulation point.
34.77	At base of sandstone ledge, 30 ft. high, faces W. and bears N. and S., 220 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone to top, for witness cor. to the ¼ sec. cor. secs. 18 and 19, with brass cap marked

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains

WC ¼ S18 / S19

1935

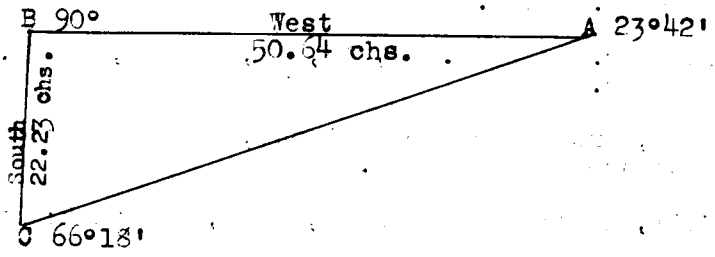
from which

A red pine, 10 ins. diam., bears N. 85° E., 11 lks. dist., marked WC ¼ S18 BT.

A red pine, 10 ins. diam., bears S. 20° E., 35 lks. dist., marked WC ¼ S19 BT.

High inaccessible perpendicular sandstone ledges, make it impossible to reach the true point for the ¼ sec. cor. secs. 18 and 19, or to project a line to the W. from this point, I therefore return to the flag at the 27.89 chs. point, and offset South, 3.08 chs. dist. and determi the distance W. on offset line by triangulation as follow

Erect flag "A" at the point, South 3.08 chs. dist. from the 27.89 chs. point, and flag "B" at the witness cor. to the closing cor. of secs. 18 and 19, on the W. bdy. of the township, and which bears West from flag "A". From the witness cor., survey base line "BC", South, 22.23 chs From "C", line "AB" subtends an angle of 66°18'. From "A" line "BC" subtends an angle of 23°42'. Vertical angle from "A" to "B" is minus 7°. All angles checked by repetition, and base line double chained.



Distance on line	27.89 chs.
Distance by triangulation	50.64 chs.
	78.53 chs.

Approximate distances to topography on true line.

40.00 True point for the ¼ sec. cor. secs. 18 and 19, falls on inaccessible face of ledges.

45.00 Draw which is fork of Red Canyon, 210 ft. below the witne cor. to the ¼ sec. cor., drains S. 20° E.; ascend abrupt E. face of sandstone ledges.

73.00 A 2 inch iron pipe line which carries the culinary water to the town of Bicknell, Utah, bears N. 20° E., and S. 20° W.

73.50 Sandstone ridge, 200 ft. below the witness cor. to the ¼ sec. cor., bears N. and S.; descend abrupt SW. slope over inaccessible ledges.

78.53 To point "B" of triangulation on offset line at the witness cor. to the closing cor. of secs. 18 and 19, T. 28 S., R. 4 E., and which is also the witness cor. to the cor. of secs. 13 and 24, T. 28 S., R. 3 E., heretofore described, 210 ft. below ridge.
The true point for the closing cor. of secs. 18 and 19, T. 28 S., R. 4 E., is North, 3.08 chs. dist. from the witness cor., and the true point for the cor. of secs. 13 and 24, T. 28 S., R. 3 E., is North, 4.61 chs. dist. from the witness cor.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Land, broken sandstone ledges with a general southerly exposure and drainage.
	Soil, shallow loose sand and rock; 3rd rate.
	Undergrowth, scattered weeds, sage, silver leaf, and black brush.
	Timber, dense juniper and pinon and a few scattered spruce and red pine.
	Fair grazing land.
	From the cor. of secs. 17, 18, 19, and 20.
	N. 0°03' W., bet. secs. 17 and 18.
	Ascend abruptly over steep N. and SW. slopes of high rough mountainous land, through dense timber and scattered undergrowth.
38.90	Spur, projects SW., and bears NE., about 5.00 chs. dist. to junction with spur projecting S.
40.00	On steep W. slope, 525 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S18 | S17 1935
	from which
	A juniper, 6 ins. diam., bears S. 73° E., 40 lks. dist., marked ¼ S17 BT.
	A juniper, 3 ins. diam., bears N. 61°45' W., 45 lks. dist., marked BT.
	Continue abrupt ascent over W. slope of spur to the E.
66.60	Head of fork of Red Canyon, drains SW. through broken pink and red sandstone ledges; ascend abrupt SE. slope.
73.10	Spur, 250 ft. above the ¼ sec. cor., projects S. 70° W.; descend gradual NW. slope.
80.00	On NW. slope, 95 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 7, 8, 17, and 18, with brass cap marked
	T28S | R4E S7 | S8 S18 | S17 1935
	from which
	A red pine, 10 ins. diam., bears N. 41°15' E., 47 lks. dist., marked T28S R4E S8 BT.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	A red pine, 8 ins. diam., bears S. 19°30' E., 130 lks. dist., marked T28S R4E S17 BT. ✓
	An aspen, 6 ins. diam., bears S. 28° W., 44 lks. dist., marked T28S R4E S18 BT.
	A red pine, 8 ins. diam., bears N. 25°30' W., 35 lks. dist., marked T28S R4E S7 BT.
	Land, broken and mountainous, with a general westerly and southwesterly exposure and drainage.
	Soil, shallow clay and sand, mixed with rock; 3rd rate.
	Undergrowth, scattered sage, weeds, silver leaf, buck, deer, and black brush.
	Timber, dense juniper, pinon, spruce, red pine, and aspe
	Good grazing land.
	N. 89°55' E., on random line, bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the N. and S. line, 12 lks. N. of the cor. secs. 8, 9, 16, and 17.
	Thence:
	West, on true line, bet. secs. 8 and 17.
	Ascend gradually over irregular SE. slope of high mountainous land, through dense timber and scattered undergrowth
18.00	Top of ascent, 200 ft. above cor., bears N. and slopes S.; descend abrupt SW. slope.
23.20	Head of draw, 30 ft. below top of ascent, drains S.; ascend gradually along S. slope through scattered timber.
39.97	On steep S. slope, 110 ft. above head of draw.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S8 / S17 1935 from which
	A red pine, 24 ins. diam., bears S. 69°45' W., 143 lks. dist., marked ¼ S17 BT.
	A red pine, 14 ins. diam., bears N. 81°45' W., 134 lks. dist., marked ¼ S8 BT.
	Continue gradual ascent along S. and SE. slope.
63.20	Ridge, 90 ft. above the ¼ sec. cor., bears N. and S. 10°W descend abrupt W. slope.
79.94	The cor. of secs. 7, 8, 17, and 18, 275 ft. below ridge.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Land, high and mountainous, with a general southerly and westerly exposure and drainage.
	Soil, shallow rocky clay; 4th rate.
	Undergrowth, scattered weeds, sage, silver leaf, buck, deer, and black brush.
	Timber, dense and scattered red pine, spruce, juniper, and pinon.
	Good grazing land.
	West, on true line, bet. secs. 7 and 18.
0	Descend gradual W. slope of high mountainous land, through dense timber and scattered undergrowth.
4.50	Small spring of good water, bears North, 1.30 chs. dist.
6.60	Small spring branch in draw, 105 ft. below cor., drains SW.; ascend gradually along broken S. slope.
15.50	Top of ascent, 25 ft. above draw, bears N. and S.; descend gradually along S. slope.
35.90	Base of descent, 180 ft. below top of ascent, bears N. and S.; ascend gradual SE. slope.
40.00	On gradual SE. slope, 10 ft. above base of ascent.
	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 1935 from which
	A red pine, 18 ins. diam., bears S. 68°30' E., 49 lks. dist., marked ¼ S18 BT.
	A red pine, 12 ins. diam., bears N. 43°15' W., 54 lks. dist.; marked ¼ S7 BT.
42.50	Top of ascent, 10 ft. above the ¼ sec. cor., bears N. and S.; descend gradual SW. slope.
45.40	Base of descent, 45 ft. below top of ascent, bears N. and S.; ascend gradual SE. slope.
49.50	Ridge, 20 ft. above base of ascent, bears N. 75° E. and S. 75° W.; descend gradual NW. slope.
56.61	A two inch iron pipe line, which carries the water for culinary use to the town of Bicknell, Utah, bears S. 30°W. to Bicknell, and N. 42°32' E., 6.40 chs. to a concrete settling box. From this point on line, the spring from which the water is piped, bears N. 45° E., 19.80 chs. dist.
64.60	Slope changes from a NW. to a SW. slope, bears NW. and SE.
78.34	Intersect the W. bdy. of the township, South, 1.55 chs. dist. from the cor. of secs. 12 and 13, T. 28 S., R. 3 E., heretofore described.

U. S. GOVERNMENT PRINTING OFFICE: 1935 6—8155

Chains	
	At point of intersection, on SW. slope, 240 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in t ground to solid rock and in a mound of stone to top, for closing cor. secs. 7 and 18, T. 2[illegible] S., R. 4 E., with bra cap marked
	T28S | T28S S7 C R3E | R4E S18 C S13 | R4E 1935
	from which
	A red cedar, 10 ins. diam., bears N. 37°30' E., 60 l dist., marked T28S R4E S7 [illegible] BT.
	A spruce, [illegible] ins. diam., bears S. 73° E., 218 lks. dist., marked T28S R4E S18 [illegible] BT.
	Land, high, broken and mountainous, with a general southerly and northwesterly exposure and drainage.
	Soil, shallow clay and rock; 3rd rate.
	Undergrowth, scattered sage, weeds, silver leaf, rabbit, buck, deer, and black brush.
	Timber, dense spruce, pinon, juniper, red, and yellow pine.
	Good grazing land.
	From the cor. of secs. 7, 8, 17, and 18.
	N. 0°03' W., bet. secs. 7 and 8.
	Descend gradual NW. slope of high mountainous land, through dense timber and scattered undergrowth.
2.00	Small draw, 10 ft. below cor., drains SW.; ascend gradua SW. slope.
13.70	Spur, 160 ft. above draw, projects W.; descend gradual N slope.
17.00	Small draw, 40 ft. below spur, drains W.; ascend gradual S. slope.
22.60	Spur, 60 ft. above draw, projects S. 70° W.; descend gradual NW. slope.
24.60	Small draw, 30 ft. below spur, drains S. 70° W.; ascend gradual rocky SW. slope.
40.00	On rocky SW. slope, 80 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in th ground to solid rock and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked
	1/4 S7 | S8 1935
	from which

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	A red pine, 10 ins. diam., bears N. 21°30' E., 66 lks. dist., marked ¼ S8 BT.
	A red pine, 10 ins. diam., bears N. 86° W., 93 lks. dist., marked ¼ S7 BT.
46.50	Head of small draw, 40 ft. deep, drains SW.; continue ascent over SW. slope.
60.00	On SW. slope, 450 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 5, 6, 7, and 8, with brass cap marked

T2S S6 | R4E S5
S7 | S8

1935

from which

A yellow pine, 10 ins. diam., bears N. 73°30' E., 41 lks. dist., marked T2 S R4E S5 BT.

An aspen, 8 ins. diam., bears S. 6°45' E., 53 lks. dist., marked T2 S R4E S8 BT.

A yellow pine, 24 ins. diam., bears S. 15° W., 13 lks. dist., marked T2 S R4E S7 BT.

An aspen, 5 ins. diam., bears N. 10° W., 25 lks. dist., marked T2 S R4E S6 BT.

Land, high and mountainous, with a general southwesterly exposure and drainage.

Soil, shallow dark mountain loam and rock; 3rd rate.

Undergrowth, scattered weeds, sage, buck, and deer brush.

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

Good grazing land.

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

40.00	Set temp. ¼ sec. cor.
80.10	Intersect the N. and S. line, 5 lks. S. of the cor. secs. 4, 5, 8, and 9.
	Thence:
	S. 89°58' W., on true line, bet. secs. 5 and 8.
	Ascend gradually over rocky SE. slope of high mountainous land, through dense timber and scattered undergrowth.
5.00	Rocky spur, 65 ft. above cor., projects S.; descend gradually over rocky SW. slope.
25.20	Spur, 50 ft. below last spur, projects S. 20° E.; descend abruptly over rocky SW. slope.
40.05	On rocky SW. slope, 200 ft. below sec. cor.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S5 / S8 1935 from which
	A yellow pine, 18 ins. diam., bears North, 41 lks. dist., marked ¼ S5 BT.
	A yellow pine, 18 ins. diam., bears S. 7° W., 12 lks. dist., marked ¼ S8 BT.
50.00	Base of abrupt descent, 30 ft. below the ¼ sec. cor., bears NW. and SE.; ascend gradual NE. slope.
62.75	Forest Service trail, bears N. 30° W. and S. 30° E.
63.30	Top of rise, 80 ft. above base of ascent, bears NW. and SE.; descend gradual SW. slope.
80.10	The cor. of secs. 5, 6, 7, and 8, 85 ft. below top of rise.
	Land, high, rough, and mountainous, with a general southwesterly exposure and drainage.
	Soil, shallow dark loam and rock; 3rd rate.
	Undergrowth, scattered weeds, sage, deer, buck, and black brush.
	Timber, dense aspen, spruce, red, and yellow pine.
	Good grazing land.
	West, on true line, bet. secs. 6 and 7.
	Descend gradually along general SW. and S. slopes of high mountainous land, through dense timber and scattered undergrowth.
7.50	Forest Service trail, bears N. and S.
18.20	Small elongated basin, 2 chains wide, bears N. 80° W. 4.50 chs. dist. and S. 80° E. 1.50 chs. dist., 70 ft. bel cor.; ascend gradually over general SE. slope.
27.80	Spur, 60 ft. above basin, projects SW.; descend gradual W. slope.
40.00	On gradual W. slope, 100 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S6 / S7 1935 from which

Chains

A red pine; 24 ins. diam., bears S. 38°45' W., 30 lks. dist., marked ¼ S7 BT.

A red pine, 10 ins. diam., bears N. 20° W., 21 lks. dist., marked ¼ S6 BT.

53.00 Head of small draw, 5 ft. deep, drains SW.; thence descend gradual SW. slope through scattered timber.

77.26 Forest Service trail, bears N. and S.

78.18 Intersect the W. bdy. of the township, South, 1.55 chs. dist. from the cor. of secs. 1 and 12, T. 28 S., R. 3 E., heretofore described.

At point of intersection; on SW. slope, 740 ft. below the ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. secs. 6 and 7, T. 28 S., R. 4 E., with brass cap marked

T28S | T28S
S6 C
R3E | R4E
C
S7
S12 | R4E

1935

from which

A red pine, 12 ins. diam., bears S. 7°30' E., 226 lks. dist., marked T28S R4E S7 CC BT.

No other suitable bearing tree available.

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

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

Undergrowth, scattered weeds, sage, buck, and deer brush.

Timber, scattered and dense spruce, aspen, red, and yellow pine.

Good grazing land.

N. 0°18' W., on random line, bet. secs. 5 and 6.

40.00 Set temp. ¼ sec. cor.

73.90 Intersect the N. bdy. of the township, 2 lks. E. of the cor. secs. 5, 6, 31, and 32, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 4 E., of this group.

Thence:

S. 0°19' E., on true line, bet. secs. 5 and 6.

Descend abrupt S. slope of high, rough, mountainous land, through dense timber and scattered undergrowth.

3.90 Base of descent, 20 ft. below cor., bears NW. and SE.; ascend gradual NW. slope.

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SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 4 E.

Chains	
	and add
15.20	Spur, 30 ft. above base of ascent, projects NW.; descen gradual SW. slope.
33.90	On gradual SW. slope, 20 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in t ground, for ¼ sec. cor., with brass cap marked
	¼
	S6 | S5
	1935
	from whic
	A red pine, 10 ins. diam., bears N. 83° E., 74 lks. dist., marked ¼ S5 BT.
	A red pine, 8 ins. diam., bears S. 73° W., 20 lks. dist., marked ¼ S6 BT.
42.40	The NE. edge of circular basin, 5.00 chs. in diam.; ther descend gradually along W. slope.
52.40	Descent along W. slope becomes abrupt, bears E. and W.
57.50	Forest Service trail, bears NE. and S.; thence along tra
65.20	Leave trail, bears N. and S. 20° W.
73.90	The cor. of secs. 5, 6, 7, and 8, 155 ft. below sec. cor
	Land, high and mountainous, with a general southwesterly exposure and drainage.
	Soil, shallow white clay, gravel, and rock; 3rd rate.
	Undergrowth, scattered weeds, sage, buck, and deer brush
	Timber, dense aspen, spruce, red, and yellow pine.
	Good grazing land.

GENERAL DESCRIPTION OF T. 28 S., R. 4 E.

The land within the boundaries of T. 28 S., R. 4 E., consists of the broken general south breaks of the Thousand Lake Mountain, and has a general southerly, southeasterly, and southwesterly exposure and drainage. The slopes in most places are broken by high irregular sandstone ledges, facing east and west towards deep irregular draws, gulches, and canyons draining southerly.

Except in sections 3, 4, and 5, the formation consists of white and red sandstone, the surface of which is cover with volcanic boulders, which have come from the high breaks of the Thousand Lake Mountain. Sections 3, 4, and 5, consits of the broken south breaks of what is locally known as "Flat Top" of the Thousand Lake Mountain, and th formation in these sections consists of volcanic ledges and sliderock. The south end of the Thousand Lake Mountai locally known as "Flat Top", is located in the north half of section 4, and the northeast portion of section 5. Thi area consists of a high rolling plateau which has a sligh exposure and drainage to the south. This portion of the township, is at an elevation of approximately 11,000 feet above sea level, and from this area, the township slopes abruptly to the south boundary of the township, which is

at an elevation of approximately 6,500 feet above sea level. The portion of the township that is locally known as "Flat Top, is rimmed with a high volcanic ledge, which in most places,-is inaccessible. From the base of this rim, is a steep talus slope consisting of volcanic sliderock and boulders. The top of this rim can only be reached by stock in this township, by a Forest Service trail, which is located at the southeast point of the rim in sections 3 and 4. Most all the other portions of the township can be reached by stock, over Forest Service trails and rough wood roads.

The soil in the portion of the township that is of a sandstone formation, consists of a shallow loose red and white sand, mixed with rock, and may be classified as 3rd and 4th rates. This soil is lying on a sandstone bedrock, and is from 1 inch to 2 feet in depth. This soil has its origin from the material that comes from the distintegration of the ledges, and contains very little plant life. The soil in the portion of the township that is of a volcanic formation, consists of a shallow dark humus loam, found in the crevices of the rock strewn surface, and may be classified as 3rd and 4th rates. This soil is formed mostly by the decay of roots, timber, and plants, and is very rich in humus.

The timber on the south portion of the township, consists of a very dense growth of scrub juniper and pinon, and in places on the steep north slopes, a scattered growth of spruce and red pine timber is found. The timber on the north portion of the township, in most places consists of a dense growth of aspen, spruce, red, and yellow pine. Nearly all of the timber that has any commercial value except for fire wood and fencing, has been removed from the township.

The undergrowth consists of a scattered short growth of sage, weeds, rabbit, black, deer, silver leaf, and buck brush, and grass, which affords fair grazing for stock, during both the winter and summer months.

The north portion of the tonwship, is used by the people of Wayne County, Utah, as a summer grazing range for their stock, while the south portion is used for a winter range.

The only permanent stream of water that leaves the township, is Sand Creek. This stream flows about two second feet, and heads in the NE¼ NE¼ sec. 9, and flows in a southerly direction through the central portion of the township, leaving it on the S. bdy. of the SW¼ SW¼ sec. 35. The water from this stream is used for culinary purooses and for the irrigation of gardens in the town of Torrey, Utah.

Sulphur Spring which flows about ½ second feet of water, is located in the SE¼ SE¼ sec. 3. The water from this spring, flows through a ditch to point in the NW¼ SW¼ sec. 10, where it joins Sand Creek.

Chaffin Spring is located in the SE¼ SW¼ sec. 4, and flows through a ditch to a point in the NW¼ NW¼ sec. 16, where it enters a fork of Red Canyon.

A spring is located in the SE¼ SW¼ sec. 7, and the water from this spring is piped by a 2 inch iron pipe line through SE¼ SW¼ sec.7, W½ sec. 18, and NW¼ NW¼ sec. 19, and thence through portions of secs. 24 and 25, T. 28 S., R. 3 E., to the town of Bicknell, Utah, for culinary purposes.

Other small springs and seeps, were found in the NE¼ SE¼ sec. 3, NW¼ NW¼ sec. 9, NE¼ NE¼ sec. 17, SE¼ SE¼ sec. 7, SE¼ SW¼ sec. 16, NE¼ NW¼ sec. 21, SE¼ SW¼ sec. 27, NW¼ NW¼ and NE¼ SW¼ sec. 30, and the NE¼ NE¼ sec. 35.

In places, small intermittent seeps were found along the bottoms of Sulphur Creek, Red Hollow, Wide Hollow, Brown's Creek, and forks of Red Canyon. The forks of Red Canyon, meet at a point about 10.00 chs. dist. west of the west boundary of the SW¼ SW¼ sec. 30, and form Red Canyon. The

water from the forks of Red Canyon, when sufficient to flow from the township, is used for irrigation on a ranch located in secs. 25 and 36, T. 28 S., R. 3 E.

A small prospect tunnel is located in the NW¼ SW¼ sec. 32, and a few indications of coal were found near this quarter section.

Numerous pieces of petrified wood were found in the south portions of secs. 25, 26, and 27, and the north portions of secs. 34, 35, and 36. Some of these sections of petrified trees are ten feet in diameter, and legislation is now in progress to set aside this portion of the township, as a National Monument.

No portions of the township, that come under this survey are suitable for farming, and at the time of the survey, no settlers were living upon the township.

The only improvements found, were the wood roads, trail ditches, and water pipe line, heretofore mentioned.

All of the township that comes under this survey, is within the boundaries of the Fish Lake National Forest, and is being used for grazing purposes under the supervision of the Forest Service.

The small outcroppings of coal in the NW¼ SW¼ sec. 32, were the only indications of coal found in the township, and no indications of mineral, oil, or oil shale were found.

The mean magnetic declination throughout the township, was found to be 16°30' E.

BOOK A-509

4—[illegible]
(Revised May [illegible])

FIELD ASSISTANTS

NAMES	CAPACITY
Edward Eliason	Principal Assistant
Molen Roper	Chainman
Kelvin Winwood	Chainman
Bert Swain	Chainman
Reed Overson	Chainman
Loren Bell	Flagman
Denton Bock	Flagman
Richard M. Hales	Cornerman
Thomas R. Sherrod	Cornerman
Ulysses S. Gardner	Axeman
James S. Sorenson	Axeman
John K. Erickson	Axeman
Ross A. Slye	Axeman
Ray R. Morgan	Axeman
Warren R. Clark	Axeman
Lewis A. Patterson	Axeman

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

~~I~~, We, Elliot Bird, Surveyor, and Edward Eliason, Transitman, HEREBY CERTIFY upon honor that

pursuance of special instructions bearing date of the 8th day of February 1929

received from the district cadastral engineer for Utah, supplemen with assignm

instructions dated July 12, 1934, and June 28, 1935, ~~I~~ we have ~~surveyed~~ made a dependent resurvey

survey of the east boundary of T. 28 S., R. 3 E., dependent resurve

portions of the east and south boundaries, and subdivision; and sur

of portion of the subdivision; completing the survey of T. 28 S., R

of the Salt Lake Meridian, in the State of Utah, which

represented in the foregoing field notes as having been executed by ~~me~~ us and under ~~my~~ our directions; and that s

survey has been made in strict conformity with said instructions, the Manual of Instructions for the Sur

of the Public Lands of the United States, and in the specific manner described in the foregoing field notes

Salt Lake City, Utah.

January 31, 1936.

Elliot Bird
Surveyor.

Edward Eliason
Transitman (Temporary)

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado APR 23, 1941

The foregoing field notes of the ~~survey of~~ dependent resurvey and survey of the e boundary of T. 28 S., R. 3 E., dependent resurvey of portions of th east and south boundaries, and subdivision; and survey of portion o the subdivision; completing the survey of T. 28 S., R. 4 E., Salt Lake Meridian, Utah,

executed by Elliot Bird, Surveyor, and Edward Eliason, Transitman

under special instructions dated February 8, 1929, supplementa and assignme

instructions dated July 12, 1934, and June 28, 1935, having been critically examined, ar

the necessary corrections made prior to their certification by the engineer, the said field notes, and the surve

therein described, are hereby approved.

Frank H. Johnson
~~U.S.~~ *Supervisor of Surveys.*

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in~~

~~, is a true copy of the original field notes on file in the public survey office.~~

~~U.S.~~ *Supervisor of Surveys.*

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8412

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Original

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK A-509 "D"

Office of District Cadastral Engineer
RECEIVED
FEB 17 1936
District No. 4

FIELD NOTES

RETRACEMENT OF A PORTION OF THE SOUTH BOUNDARY: DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY AND SUBDIVISION, AND SURVEY OF A PORTION OF THE SUBDIVISION, COMPLETING THE SURVEY OF T. 28 S., R. 3 E.

Of the SALT LAKE *Meridian,*

In the State of UTAH

EXECUTED BY

ELLIOT BIRD, SURVEYOR

Under special instructions dated FEBRUARY 8, *1929, which provided for the surveys included under Group No.* 184, *bearing the approval of the Commissioner of the General Land Office under date of* JULY 18, 1929

and supplemental *assignment instructions dated* JUNE 28, *19*35

Survey commenced JULY 5, *19* 35.

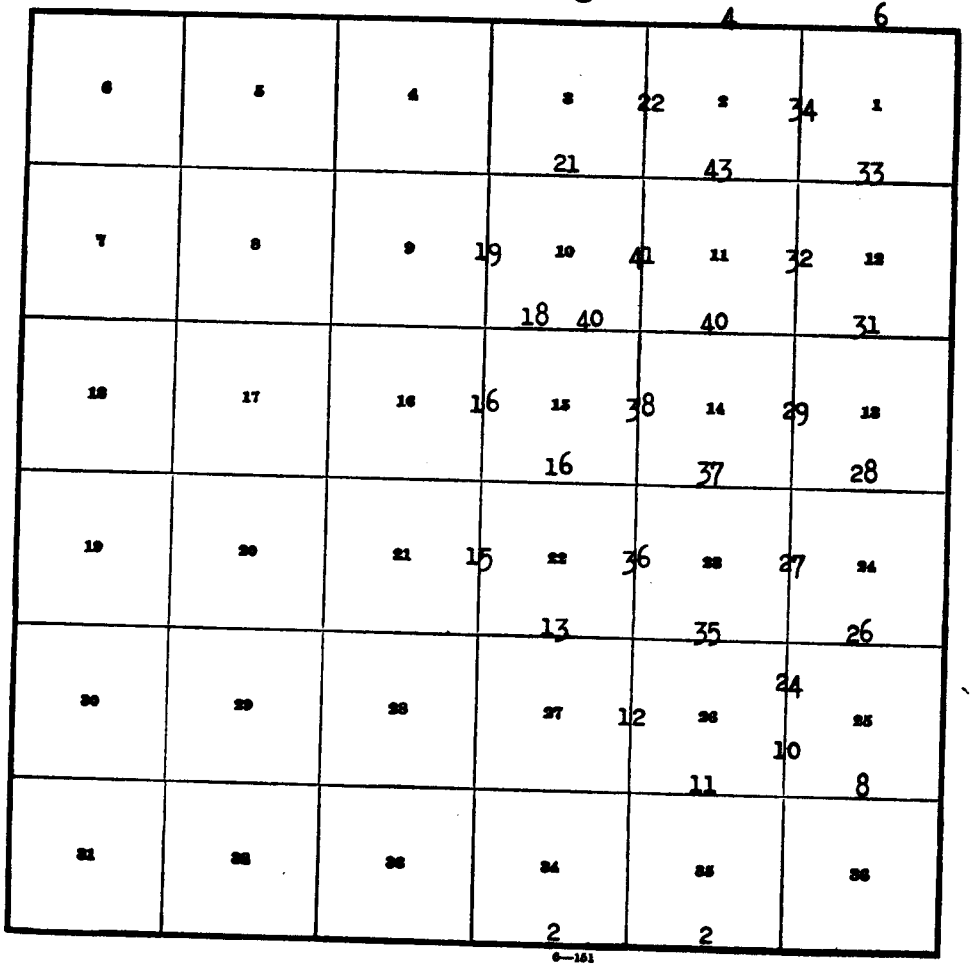
Survey completed AUGUST 29, *19* 35.

U. S. GOVERNMENT PRINTING OFFICE 6—151

BOOK A-509

INDEX DIAGRAM.

Township 28 South, *Range* 3 East



The survey of fractional T. 28 S., R. 3 E., Salt Lake Meridian, Utah, was commenced July 5, 1935, and executed with Buff and Buff solar transit No. 18003. This fractional township was surveyed in conjunction with the completion of the survey of T. 28 S., R. 4 E., of this group, and for full description, tests, and approval of the instrument and the method of obtaining meridians, time, latitude and longitude for the survey of the township, see those given in the official record of the survey of T. 28 S., R. 4 E. of this group.

The instrument was kept in good adjustment throughout the progress of this survey, frequent tests being made upon meridians determined by hour angle observation on Polaris at numerous points throughout the township.

Wherever possible the bearings and courses of the lines of the survey were determined by deflection angles from the true meridians, and were carried forward by transit lines, taking the mean of direct and reversed sights at each instrument station.

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

August 29, 1935: with the instrument in the meridian determined by observations on Polaris July 5, 1935, at the corner of Ts. 28 and 29 S., Rs. 3 and 4 E., in latitude 38°19'N., longitude 111°31'W., and which is described in the official record of the survey of T. 28 S., R. 4 E., of this group, at 9h 00m a. m., apparent time, I set off 38°19'N., on the latitude arc; 9°33'N., on the declination arc; and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, with the instrument in the meridian, and the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is 9°30'N., which agrees with the computed declination of the sun.

At 3h 30m p.m., apparent time, with the instrument in the meridian, and the latitude arc unchanged, I set off 9°27'N., on the declination arc, and determine a meridian with the solar, which I find to agree with the true meridian.

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T. 28 S., R. 3 E.

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 good adjustment.

All measurements are made with a Lallie steel tape 5 chains in length, compared with a Lufkin standard steel tape, and found correct. The measurements are made on the slope, the vertical angle determined with large improved clinometers, and the slope measurements properly reduced to true horizontal distances.

In the resurveyed portion of T. 28 S., R. 3 E., the lines of the original survey were retraced, and search was made for evidence of the original corner monuments and other calls of the field notes. When duly identifie or restored, the positions were remonumented with the re ulation iron posts. The rules of proportionate measure- ment were applied in order to obtain the position of eac missing corner, after completing the necessary retraceme The retracement data was submitted for office examinatio and verification. In order to simplify the record, the true line notes only are supplied with this record.

RETRACEMENT OF A PORTION OF S. BDY., T. 28 S., R. 3 E.

Retracement of Surveys executed by Bailey and Burrill, U. S. Deputy Surveyors, in 1876.

The cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the township, is a volcanic stone, 12x7x6 ins., loosely set in an embedded mound of stone, marked 1 notch on E. face, and 5 notches on W. face. Corner has no accessories.

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original corner monument alongside, for corner of sections 1, 2, 35, and 36, with brass cap marked

T28S R3E
S35 | S36
S2 | S1
T29S
1935

raise a mound

U. S. GOVERNMENT PRINTING OFFICE 6—8155

RETRACEMENT OF A PORTION OF S. BDY., T. 28 S., R. 3 E.

Chains	
	of stone, 3 ft. base, 2 ft. high, W. of corner.
	Thence
	West, on retracement line, between secs. 2 and 35.
40.00	Find no trace of the ¼ sec. cor.
79.18	Fall 18 links N. of the cor. monument for secs. 2, 3, 34, and 35, which is a volcanic stone, lying on the ground, marked 2 notches on one face and 4 notches on the opposite face. The corner monument was not in place and was found in an alfalfa field. Scratches on the stone showed that the corner monument had been moved from its original position by farming implements.
80.00	Set temp. cor. of secs. 2, 3, 34, and 35.
	Continue on same line with continuous measurement.
120.00	Find no trace of the ¼ sec. cor. of secs. 3 and 34.
159.08	Fall 38 links S. of the cor. of secs. 3, 4, 33, and 34, which is a volcanic stone, 2x2x2½ ft., firmly set in a large mound of stone, marked 3 grooves on E. and W. faces. Corner is in a good state of preservation and is witnessed by a mound of stone, 2 ft. base, 1½ ft. high, to the W. of the corner monument.
	The bearing of the line between secs. 2 and 35, and secs. 3 and 34, therefore is N.89°52'W., and the proportionate distance for each mile is 79.54 chains.
	Therefore, at proportionate distance between the corner of secs. 1, 2, 35, and 36, and the corner of secs. 3, 4, 33, and 34.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original corner monument alongside, for the restored corner of secs. 2, 3, 34, and 35, with brass cap marked

T28S R3E
S34 | S35
S3 | S2
T29S
1935

No suitable accessories available for corner, which is set in an alfalfa field.

DEPENDENT RESURVEY OF A PORTION OF NORTH BDY.,

T. 28 S., R. 3 E.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

DEPENDENT RESURVEY OF A PORTION OF NORTH BOUNDARY
T. 28 S., R. 3 E.

Chains

Reestablishment of Surveys executed by A. P. Hanson,

U. S. Deputy Surveyor, in 1895.

The corner of secs. 2, 3, 34, and 35, is a volcanic ston
10x5x4 ins., above ground, firmly set, marked 2 notches
E. edge, and 4 notches on W. edge. Corner is witnessed
by a small mound of stone to the N. of the corner monume

At the corner point.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, and in a mound of stone to top, with the original corner monument alongside, for corner of secs. 2, 3, 34, and 35, with brass cap marked

T27S R3E
S34 | S35
S3 | S2
T28S
1935

from which

A pinon, 12 ins. diam., bears N.36°45'E., 580 links distant, marked T27S R3E S35 BT

A pinon, 10 ins. diam., bears S.67°30'E., 242 links distant, marked T28S R3E S2 BT

A pinon, 14 ins. diam., bears S.40°45'W., 340 links distant, marked T28S R3E S3 BT

A pinon, 10 ins. diam., bears N.57°45'W., 315 links distant, marked T27S R3E S34 BT

Thence

S.89°49'E., on true line, along the S. bdy. of sec. 35, T. 27 S., R. 3 E.

Ascend gradual W. slope of rolling mountainous land, through medium dense timber and undergrowth.

12.00 Timber becomes more dense and slope changes from a gradual W. slope to a gradual NW. slope, bears SE. and NW

39.30 On gradual NW. slope, 290 ft. above sec. cor.

Point which is a westing of 40.00 chains from the closing corner of secs. 1 and 2, T. 28 S., R. 3 E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. corner of sec. 2, T. 28 S., R. 3 E., with brass cap marked

¼ S2
1935

from which

A pinon, 12 ins. diam., bears S.48°E., 42 links distant, marked ¼ S2 BT

DEPENDENT RESURVEY OF A PORTION OF NORTH BOUNDARY
T. 28 S., R. 3 E.

Chains	
	A pinon, 6 ins. diameter, bears S.6°30'W., 38 links dist., marked ¼ S2 BT
39.98	The ¼ sec corner originally set for secs. 2 and 35, which is a volcanic stone, 9x8x6 ins. above ground, firmly set, marked ¼ on N. face. Corner is witnessed by a small mound of stone to the N. of the corner monument and a bearing tree, as follows
	A pinon, 10 ins. diam., bears N.3°30'W., 35 links dist., marked ¼ S BT. I blaze and remark this tree ¼ S35 BT
	At the corner point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original corner monument alongside, for ¼ sec. corner of sec. 35, T. 27 S., R. 3 E., with brass cap marked
	¼ S35 / 1935
	I mark an additional bearing tree to this corner as follows
	A pinon, 8 ins. diam., bears N.56°E., 62 links dist., marked ¼ S35 BT
	Thence
	S.89°20'E., with continuous measurement.
43.15	Wood road, bears NW. and SE.
74.00	Slope changes from a gradual NW. slope to an abrupt N. slope, bears SE. and NW.
79.30	The closing corner of secs. 1 and 2, T. 28 S., R. 3 E. subsequently set at this point.
80.11	On an abrupt N. slope, 220 ft. above the ¼ sec. corner of sec. 2
	The corner set originally for secs. 1, 2, 35, and 36, which is a volcanic stone, 16x12x6 ins. above ground, firmly set, marked 1 notch on E. edge, and 5 notches on W. edge. Corner has no accessories.
	At the corner point
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone to top, with the original corner monument alongside, for the corner of secs. 35 and 36, T. 27 S., R. 3 E., with brass cap marked

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DEPENDENT RESURVEY OF A PORTION OF NORTH BOUNDARY
T. 28 S., R. 3 E.

Chains

T27S R3E
S35 | S36
T28S R3E
S1
1935

from which

A juniper, 14 ins. diam., bears N.43°E., 224 links dist., marked T27S R3E S36 BT

A pinon, 6 ins. diam., bears N.85°15'W., 293 links dist., marked T27S R3E S35 BT

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

Soil, shallow, white clay, gravel and rock; 3rd rate.

Undergrowth, scattered sage, rabbit, black, oak, deer and buck brush.

Timber, medium dense scrub juniper and pinon.

Good grazing land.

N.89°39'E., along the S. bdy. sec.36, T. 27 S.,R. 3 E.

Ascend gradually along rolling N. slope of mountainous land, through scattered timber and undergrowth.

16.30 Spur, 120 ft. above corner, projects NW.; descend abrupt NE. slope.

19.10 Wash, 10 links wide, 3 ft. deep, in draw, 30 ft. below spur, drains N.30°W.; ascend abrupt NW. slope.

36.00 Spur, 400 ft. above wash, projects N. 5.00 chains dist. to end; descend abrupt NE. slope.

38.99 Point which is midway between the closing corner of secs. 1 and 2, T. 28 S., R. 3 E., and the corner of Ts. 27 and 28 S., R. 3 E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. corner of sec. 1, T. 28 S., R. 3 E., with brass cap marked

¼ S1
1935

from which

A cattail pine, 10 ins. diam., bears S.35°E., 11 links dist., marked ¼ S1 BT

A cattail pine, 6 ins. diam., bears S.50°15'W., 23 links distant, marked ¼ S1 BT

DEPENDENT RESURVEY OF A PORTION OF NORTH BOUNDARY
T. 28 S., R. 3 E.

Chains	
39.51	On NE. slope, 30 ft. below spur.
	The ¼ sec. corner originally for secs. 1 and 36, which is a red pine, 8 ins. diam., blazed and marked ¼ S on N face.
	Corner is witnessed by 2 bearing trees, as follows
	A red pine, 6 ins. diam., bears N.60°E., 8 links dist., marked ¼ S BT
	A red pine, 7 ins. diam., bears S.81°W., 23 links dist., marked ¼ S BT. I efface the markings on this bearing tree.
	Alongside the original corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. corner of sec. 36, T. 27 S., R. 3 E., with brass cap marked
	¼ S36 / 1935
	I mark additional bearing trees to corner, as follows
	A red pine, 12 ins. diam., bears N.46°E., 27 links dist., marked ¼ S36 BT
	A red pine, 10 ins. diam., bears N.65°W., 60 links dist., marked ¼ S36 BT
	Thence
	N.89°57'E., with continuous measurement.
43.60	Base of descent, bears NW. and SE.; thence across open bottom lands of draw.
46.00	Draw, 25 ft. below the ¼ sec. cor. of sec. 36, drains NW.; continue over bottom lands of draw.
48.00	Base of abrupt ascent over steep W. slope of the SW. point of spur, bears N. and S.
52.00	Top of SW. point of spur, 95 ft. above draw; descend gradually along S. slope.
56.80	Enter bottom of same draw, 25 ft. below the SW. point of spur, drains S.85°W. from the E.; thence ascend gradually along bottom of draw to its head.
65.80	Head of draw; thence ascend steep W. slope.
78.79	On W. slope, 430 ft. above point of entering draw.
	The corner of Ts. 27 and 28 S., R. 3 E., which is an iron post, 3 ins. diameter, set, marked and witnessed as described in the official record of the survey of T. 27 S., R. 4 E., book "A", of this group.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow, white and red clay, mixed with gravel and rock; 3rd rate.
	Undergrowth, scattered weeds, sage, rabbit, black, deer, silver leaf, and buck brush.
	Timber, scattered and medium dense juniper, pinon, cattail and red pine.
	Good grazing land.

DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION
T. 28 S., R. 3 E.

Reestablishment of Surveys executed by Bailey and Burrill
U. S. Deputy Surveyors, in 1876.

	From the restored corner of sections 25, 30, 31, and 36, on the E. boundary of the township, which is an iron post 2 ins. in diameter, set, marked and witnessed, as descrit in the official record of the survey of T. 28 S., R. 4 E. of this group.
	N.89°49'W., between sections 25 and 36.
	Ascend gradually along steep S. slope of ridge, near top, through scattered timber and undergrowth.
3.20	From this point an old deserted rock house belonging to Frank Durffey, of Bicknell, Utah, bears N.39°45'W. 13.40 chains distant. A small cow shed bears N.39°37'W., 15.40 chains distant.
	A rock chicken coop, bears N.34°40'W., 14.50 chains dist.
3.30	Top of sharp, and yellow shale ridge, 10 ft. above corner bears N85°E. and S.85°W.; descend abrupt NW. slope.
7.30	Head of deep, rocky gulch, 180 ft. below ridge, drains N.20°W. 6.00 chains distant to Red Canyon; ascend along steep, broken, ledgy N. slope.
10.10	Top of ledgy point, on N. slope, 75 ft. above head of gulch, projects N.; descend abrupt NW. slope.
24.00	Base of abrupt descent and base of mountainous land, 160 ft. below ledgy point, bears N.85°E. and S.85°W.; thence over rolling bench land.
29.50	Dim road, bears N.83°E. to Frank Durffey's house, and S.83°W. to the State highway.

DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION
T. 28 S., R. 3 E.

Chains	
29.70	Irrigation ditch, with stream 2 links wide, 5 ins. deep, flows S.70°W. to cultivated land; stream is diverted from Red Canyon at a point N.70°E., about 10.00 chains distant.
39.40	Barbed wire fence, bears N. about 15.00 chains distant to the NE. corner of field, and S. about 7.00 chains distant to the SE. corner of field; thence across cultivated land.
39.77	No trace of the ¼ sec. corner of secs. 25 and 36 found. Proportionate point, near E. edge of cultivated land. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored ¼ sec. corner of sections 25 and 36, with brass cap marked ¼ S 25 / S 36 / 1935 deposit a sandstone, 12x10x6 ins. at base of post, marked X.
56.85	Wash, 150 links wide, 50 ft. deep, in bottom of Red Canyon, at the NW. side of cultivated land, drains SW.
59.45	Fence, bears N. about 7.00 chains distant to the NW. corner of field and S. about 15.00 chains distant to the SW. corner of field.
60.88	The NE. corner of fences, bearing W. and S.
68.60	Center of State highway, bears S.26°15'E. and N.26°15'W., about 10.00 chains distant, thence W.
69.55	The NE. corner of fences, bearing S. and W., at the SE. corner of the townsite of Bicknell, Utah; thence along street bearing E. and W., at the S. side of the townsite of Bicknell.
79.54	No trace of the corner of secs. 25, 26, 35, and 36 found. Proportionate point, at the intersection of streets bearing E. and W. and N. and S. Set an iron post, 3 ft. long, 2 ins. diam., 34 ins. in the ground, for the restored corner of secs. 25, 26, 35, a and 36, with brass cap marked T28S R3E / S26 | S25 / S35 | S36 / 1935 deposit a wagon skein at the base of the post. From this corner the NW. corner of fences bearing E. and S., bears S.45°E. 13 links distant.

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DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION

T. 28 N., R. 2 E.

Chains	
	Land, E. portion of mile is broken and mountainous. W. portion is rolling bench land; general southwesterly exposure and drainage.
	Soil, E. portion of mile is a shallow clay of various colors, mixed with shale, 4th rate; W. portion of mile is a deep, loose sand; 2nd rate.
	Undergrowth, weeds, shadscale, sage, black and rabbit brush.
	Timber, scattered scrub juniper and pinon on mountainous portion of mile.
	Good grazing land.
	North, between sections 25 and 26.
	Along street bearing N. and S. through the town of Bicknell.
8.20	Intersection of street bearing N. and S., with State highway, bearing E. and W.
16.20	Intersection of street, bearing N. and S., with street bearing E. and W.
20.20	The NW. corner of fences bearing E. and S., bears East 95 links distant.
23.58	The NE. corner of fences bearing W. and S., at the N. side of the townsite of Bicknell, bears West, 29 links distant.
25.00	From this point the head house for the culinary water for Bicknell bears N.83°37'E.
37.80	Canal, 20 links wide, 2 ft. deep, flows N.80°E. from N.60°W.
40.00	Record distant; no trace of the ¼ sec. corner of secs. 25 and 26.
	On rolling bench land, 115 ft. above sec. corner. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored ¼ sec. corner of secs. 25 and 26, with brass cap marked

¼
S26 | S25
1935

from which

A pinon, 14 ins. diam., bears N.18°E., 121 links distant, marked ¼ S25 BT

A pinon, 14 ins. diam., bears S.51°15'W., 365 links distant, marked ¼ S26 BT

DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION
T. 28 S., R. 3 E.

Chains	
	From this corner the head house for the culinary water for Bicknell, bears S.70°35'E.
	Land, rolling bench, with a general southerly exposure and drainage.
	Soil, shallow, loose sand, mixed with volcanic stone; 2nd rate.
	Undergrowth, weeds, shadscale, sage, black, and rabbit brush.
	No timber.
	Fair grazing land.
	From the corner of secs. 25, 26, 35, and 36.
	N.89°49'W., between secs. 26 and 35.
	Along street bearing E. and W. at the S. side of the townsite of Bicknell.
7.00	Junction of street, from the N., with street bearing E. and W.
15.20	Junction with street, from the N., with street bearing E. and W.
23.00	Junction of street from the N., with street bearing E. and W.
40.01	No trace of the ¼ sec. corner of secs. 26 and 35 found.
	Proportionate point; at the intersection of street bearing N. and S., with street bearing E. and W.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored ¼ sec. corner of secs. 26 and 35, with brass cap marked
	¼ S 26 / S 35 / 1935
	from which
	A cottonwood, 11 ins. diam., bears N.76°45'W., 103 links dist., marked BT
	No other accessories available.
	Tree is a shade tree at the NE. corner of a home, and was only marked BT on this account.
	Thence along dim road, bearing E. and W., with fence and cultivated land along each side of same.
57.70	Intersection of fence, bearing N. and S., with fence bearing E. and W.; continue along road and along N. side of fence, bearing E. and W.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
78.50	Junction of fence from the S. with fence bearing E. and
80.03	No trace of the corner of secs. 26, 27, 34, and 35 found. Proportionate point.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the restored corner of secs. 26, 27, 34, and 35, with brass cap marked

T28S | R3E
S27 | S26
S34 | S35
1935

deposit a volcanic stone, 24x24x18 ins., at base of post, marked X. From this corner the corner of secs. 27, 28, 33, and 34, bears S.89°38'W. 79.63 chains distant, a volcanic stone, 18x12x9 ins., above ground, firmly set, marked 1 groove on S. face, and 3 grooves on E. face. Corner is in a good state of preservation, and is witnessed by a mound of stone around the corner monument.

Land, rolling, with a general southwesterly exposure and drainage, and all of which is under cultivation except of small portion of the W. half of sec. 26.

Soil, deep, loose sand; 2nd rate.

N.0°06'E., between sections 26 and 27.

Ascend gradual S. slope of rolling bench land, through scattered short undergrowth.

10.00	Shallow swale, drains SW.
18.60	Fence, bears E. and W.
20.30	Dim road, bears E. and W.
30.15	Old canal, 20 links wide, 2 ft. deep, flows E.
33.85	State highway, bears N.74°W. and S.74°E.
40.00	No trace of the ¼ sec. corner of secs. 26 and 27 found. Proportionate point; on gradual S. slope, 110 ft. above sec. corner.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock, and in a mound of stone to top, for the restored ¼ sec. corner of secs. 26 and 27, with brass cap marked

¼
S27 | S26
1935

deposit a

DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION
T. 28 S., R. 3 E.

Chains	
	volcanic stone, 8x6x4 ins., at base of post, marked X.
50.60	Two wire electric power line, bears N.42°W. and S.42°E.
53.00	Canal, 20 links wide, 2 ft. deep, flows E.
64.40	Enter scattered juniper and pinon timber, bears E. and W.
70.60	Two wire telephone line, bears N.28°W. and S.28°E.
80.00	No trace of the corner of secs. 22, 23, 26, and 27 found. Proportionate point; on gradual SW. slope, 150 ft. above the ¼ sec. corner. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone to top, for the restored corner of secs. 22, 23, 26, and 27, with brass cap marked

T28S R3E
S22 | S23
S27 | S26
1935

from which

A pinon, 10 ins. diam., bears N.13°15'E., 175 links dist., marked T28S R3E S23 BT

A pinon, 3 ins. diam., bears S.87°30'E., 111 links dist., marked BT

A pinon, 11 ins. diam., bears S.19°30'W., 115 links dist., marked T28S R3E S27 BT

A pinon, 6 ins. diam., bears N.83°W., 71 links dist., marked T28S R3E S22 BT

This corner marks an angle point on the western boundary of the Fish Lake National Forest, bearing N. and E.

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

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

Undergrowth, scattered short weeds, shadscale, sage, rabbit and black brush.

Timber, scattered juniper and pinon on N. portion of mile.

Fair grazing land.

S.89°54'W., between sections 22 and 27.

Descend gradually over rocky SW. slope of rolling bench land, through scattered timber and undergrowth.

5.00	Two wire telephone line, bears N.28°W. and S.28°E.
10.60	Wash, 20 links wide, 2 ft. deep, drains SW.

U. S. GOVERNMENT PRINTING OFFICE 6—8166

DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION

T. 28 S., R. 3 E.

Chains	
22.25	Two wire electric power line, bears N.43°W. and S.43°E.
25.00	Leave timber, bears NE. and SW.
27.70	Canal; 20 links wide; 2 ft. deep, flows SE.
39.90	No trace of the ¼ sec. corner of secs. 22 and 27 found. Proportionate point; on gentle W. slope, 120 ft. below the sec. corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored ¼ sec. corner of secs. 22 and 27, with brass cap marked
	¼ S 22 / S 27 / 1935
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of corner.
48.55	Old wood road, bears N. and S.
55.90	Old wood road, bears NE. and SW.
57.85	State highway, bears N.21°30'W. and S.26°E.
58.40	Old wood road, bears NE. 1.00 chains distant to State highway, and SW. 15.0 chains distant, thence W.
61.00	Old canal, 20 links wide, 2 ft. deep, drains S. from the NW.
79.80	The corner of secs. 21, 22, 27, and 28, which is a volcanic stone, 15x10x10 ins., loosely set in a mound of stone, marked 3 notches on E. edge, and 2 notches on S. e edge. Corner has no accessories.
	At the corner point.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original corner monument alongside, for the corner of secs. 21, 22, 27, and 28, with brass cap marked
	T28S R3E / S21 | S22 / S28 | S27 / 1935
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.
	Land, rolling, with a general westerly exposure and drainage.
	Soil, shallow, loose sand, clay, and volcanic rock; 3rd rate.
	Undergrowth, scattered weeds, yellowtop, shadscale, sage, rabbit and black brush.

Chains	
	Timber, scattered juniper and pinon on E. 25.00 chains of mile. Fair grazing land.
	N. 0°11' E., between sections 21 and 22.
	Ascend gradually along rolling W. and SW. slopes of bench land, through medium dense short undergrowth.
7.50	Small wash, 15 links wide, 3 ft. deep, drains SW.
18.40	Small wash, 20 links wide, 4 ft. deep, drains W. 70 links distant, thence SW.
32.90	Old canal, 15 links wide, 3 ft. deep, flows SW. 50 links distant, thence S. 20° W.
39.84	No trace of the ¼ sec. corner of secs. 21 and 22 found.
	Proportionate point; on gradual SW. slope, 35 ft. above sec. corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored ¼ sec. corner of secs. 21 and 22, with brass cap marked ¼ S21 | S22 1935 raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.
40.10	Small wash, 10 links wide, 2 ft. deep, drains SW. from the E.
48.50	Old road, bears SW. and NE. 2.00 chains distant to State highway.
57.00	Center of State highway, bears N.21°30' W., and S. 26° E.
62.20	Two wire electric power line, bears N. 24° W. and S. 24° E.
65.90	Irrigation ditch, 5 links wide, 1 ft. deep, flows W.
68.60	Old wood road, bears NE. and SW.
79.68	The corner of secs. 15, 16, 21, and 22, which is a volcanic stone, 24x18x12 ins., loosely set in a mound of stone, marked 3 notches on E. and S. edges.
	Corner has no accessories.
	At the corner point; on gradual W. slope, 40 ft. above the ¼ sec. corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original corner monument alongside, for the corner of secs. 15, 16, 21, and 22, with brass cap marked T28S R3E S16 | S15 S21 | S22 1935 raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION
T. 28 S., R. 3 E.

Chains	
	Land, rolling, with a general westerly and southwesterly exposure and drainage.
	Soil, shallow sand, clay and volcanic rock; 3rd rate.
	Undergrowth, medium dense weeds, yellowtop, shadscale, sage, rabbit and black brush.
	No timber.
	Fair grazing land.
	East, between sections 15 and 22.
	Ascend gradual W. slope of rolling bench land, through medium dense short undergrowth.
15.50	Canal, 30 links wide, 3 ft. deep, flows SE.
26.50	Small draw, 10 ft. deep, drains SW.
27.00	Enter scattered juniper and pinon timber, bears N. and S.
36.20	Draw, 15 ft. deep, drains SW.
40.00	Record distance; no trace of the ¼ section corner of sect 15 and 22 found.
	On gradual W. slope, 100 ft. above sec. corner.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in a mound of stones to top, for the restored ¼ sec. corner of sections 15 and 22, with brass cap marked ¼ S 15 / S22 1935 from which
	A pinon, 10 ins. diam., bears N. 67°30' E., 144 links distant, marked ¼ S15 BT
	A pinon, 6 ins. diam., bears S. 23°30' W., 112 links distant, marked ¼ S22 BT
	Land, rolling, with a general westerly and southwesterly exposure and drainage.
	Soil, shallow clay and sand, mixed with volcanic rock; 3rd rate.
	Undergrowth, medium dense weeds, yellowtop, shadscale, sage, rabbit and black brush.
	Timber, scattered juniper and pinon on E. 13.00 chains of half mile.
	Good grazing land.
	From the corner of secs. 15, 16, 21, and 22.
	N. 0°01' W., between secs. 15 and 16.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
	Ascend gradually over rolling W. slope of bench land, through scattered short undergrowth.
1.90	Draw, 5 ft. deep, drains SW. from the E.
11.00	Draw, 5 ft. deep, drains SW.
20.00	Irrigation ditch, 5 links wide, 1 ft. deep, drains W.
23.60	Draw, 5 ft. deep, drains SW.
25.10	Barbed wire fence, bears NE., 60 links distant, thence N. and SW. 5.00 chains distant, thence W.; thence along E. side of cultivated land.
35.50	Canal, 30 links wide, 3 ft. deep, flows SE. from N. 50° E.
39.83	On gradual W. slope, 30 ft. above sec. corner, at the E. edge of cultivated land.
	The ¼ sec. corner of secs. 15 and 16, which is a volcanic stone, 12x10x8 ins., loosely set, marked ¼ on W. face. Corner has no accessories.
	At the corner point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original corner monument alongside, for ¼ sec. corner, with brass cap marked
	¼ S16 | S15 1935
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.
	Thence
	N. 0° 05' E., with continuous measurement.
48.10	Bend in canal, 30 links wide, 3 ft. deep, drains S. 5° E., from NE. 1.50 chains distant, thence N.
58.50	Barbed wire fence, bears W. and E. 65 links distant, thence S.; leave cultivated land, bears with fence, and descend gradual NW. slope of rolling bench land.
60.80	Two wire telephone line, bears N. 28° W. and S. 28° E.
69.10	Canal, 30 links wide, 3 ft. deep, flows S. 5° E. from N. 20° E.
72.80	Large wash, 50 links wide, 20 ft. deep, drains N. 65° W. and heads S. 65° E. 2.00 chains distant.
79.58	On gradual NW. slope.
	The corner of secs. 9, 10, 15, and 16, which is a volcanic stone, 10x8x5 ins., lying on the ground, marked 4 notches on 1 edge, and 3 notches of cornering edge. Corner has no accessories.
	At the corner point.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original corner monument alongside, for corner of secs. 9, 10, 15, and 16, with brass cap marked

U. S. GOVERNMENT PRINTING OFFICE 6—8165

Chains	
	1908 | 1935 S9 | S10 S16 | S15 1935 No other accessories available. Land, rolling, with a general westerly and northwesterly exposure and drainage. Soil, deep clay, with shallow sand on surface; 2nd rate. Undergrowth, scattered weeds, yellowtop, shadscale, grease wood, sage, rabbit and black brush. No timber. Fair grazing land.
	East, between secs. 10 and 15.
	Ascend gradual W. slope of rolling bench land, through scattered undergrowth.
2.70	Canal, 30 links wide, 3 ft. deep, flows S.
21.50	Old wood road, bears N. and S.
24.00	Wash, 30 links wide, 20 ft. deep, drains SE.
33.20	Base of rolling mountainous land, and enter scattered juniper and pinon timber, bears N. and S.
40.00	Record distance; no trace of the ¼ sec. corner of secs. 1 and 15 found.
	On rocky W. slope, 165 ft. above the sec. corner.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for the restored ¼ sec. corner of secs. 10 and 15 with brass cap marked ¼ S 10 S 15 1935 from which
	A pinon, 12 ins. diam., bears S. 44° 45' E., 85 links distant, marked ¼ S15 BT. A pinon, 6 ins. diam., bears N. 18° 15' W., 52 links distant, marked ¼ S10 BT
	Land, W. 33.20 chains is a rolling bench, while the remainder of the half mile is mountainous; general westerly exposure and drainage. Soil, deep and shallow clay, with volcanic rock; 3rd rate. Undergrowth, scattered weeds, yellowtop, shadscale, sage, and black brush. Timber, scattered juniper and pinon on E. 6.20 chains of half mile. Fair grazing land.

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Chains	
	From the corner of secs. 9, 10, 15, and 16.
	N. 0° 11' E., between secs. 9 and 10.
	Ascend gradually along W. slope of rolling bench land, through scattered undergrowth.
6.80	Wash, 30 links wide, 10 ft. deep, drains W. and heads E. 1.50 chains distant.
10.00	Enter cultivated land, bears E. and W.
20.80	Net wire fence, bears W. and E. 4.00 chains distant, thence N.
25.95	Barbed wire fence, on N. side of cultivated land, bears E. and W.
26.50	Canal, 30 links wide, 3 ft. deep, flows E.
33.60	Pole fence, bears NW. and SE.
37.40	Base of steep SW. slope of mountainous land, bears NW. and SE.; enter scattered juniper and pinon timber, bears with base of mountainous land.
39.86	On steep, rocky SW. slope, 70 ft. above sec. cor.
	The ¼ sec. corner of secs. 9 and 10, which is a volcanic stone, 3x2x2 ft., loosely set, marked ¼ on W. face. Corner has no accessories.
	At the corner point.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a mound of stone to top, with the original corner monument alongside, for ¼ sec. corner, with brass cap marked ¼ S9 | S10 1935 from which
	A pinon, 10 ins. diam., bears N. 76° 30' E., 47 links dist., marked ¼ S10 BT
	A pinon, 10 ins. diam., bears S. 58° 30' W., 149 links dist., marked ¼ S9 BT
	Thence
	N. 0° 15' E., with continuous measurement.
40.75	Spur, 20 ft. above the ¼ sec. corner, projects W. 1.50 chains distant, to end; descend steep N. slope.
41.60	Wash, 15 links wide, 2 ft. deep, at base of spur, 20 ft. below top, drains SW.; thence over rolling bench land.
53.75	Small draw, drains W.
59.40	Base of ascent, over steep SW. slope, through scattered juniper and pinon timber, bears NW. and SE.
62.50	Spur, 35 ft. above draw, projects W. 1.50 chains distant to end; descend steep NW. slope.

Chains	
66.00	Small swale, 20 ft. below spur, drains SW.; ascend gradual SW. slope.
71.00	Spur, 30 ft. above swale, projects W.; thence ascend gradually along W. slope of spur to the E.
79.70	No trace of the corner of secs. 3, 4, 9, and 10 found.

Proportionate point; on top of bend, in spur, projects N. 5° E. from S. 5° E.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in t ground, for the restored corner of secs. 3, 4, 9, and 10 with brass cap marked

T28S | R3E	
S4	S3
S9	S10

1935

from whic

A pinon, 10 ins. diam., bears S. 35° 45' E., 280 links dist., marked T28S R3E S10 BT

A pinon, 6 ins. diam., bears S. 63° 45' W., 153 links dist., marked T28S R3E S9 BT

No other bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor From this corner the ¼ sec. corner of secs. 3 and 4, bears N. 0° 15' W. 39.85 chains distant. Corner is a stationary volcanic stone, 3x2½x2 ft. above ground, marked ¼ on W. face. Corner has no accessories.

Alongside the corner monument

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a large mound of stone to top, for ¼ sec. corner of secs. 3 and 4, with brass cap marked

¼	
S4	S3

1935

from which

A pinon, 8 ins. diam., bears S. 87° 45' E., 19 links dist., marked ¼ S3 BT

A pinon, 12 ins. diam., bears N. 35° 15' W., 86 links dist., marked ¼ S4 BT

From the corner of secs. 3, 4, 9, and 10, the restored point for the corner of secs. 4, 5, 8, and 9, bears N. 89° 35' W., 80.00 chains distant. The corner monument for corner was missing, and the point for the corner was identified to me by settlers of Lyman, Utah, who had seen the corner monument in place, and had erected fences from it, and state that the corner monument had been removed during the construction of the State highway between Lyman and Loa, Utah.

At the point for corner.

U. S. GOVERNMENT PRINTING OFFICE 6—6155

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 40 ins. in the ground, (4 ins. under the surface) for the restored corner of secs. 4, 5, 8, and 9, with brass cap marked T28S | R3E S5 | S4 S8 | S9 1935 Corner is set in the center of State highway, which bears E. and W. The highway is 1.00 chain wide, and is fenced on both sides. From the restored corner the intersection of fence from the N., with fence bearing E. and W., bears N. 50 links distant; and the intersection of fence from the S., with fence bearing E. and W., bears S. 50 links distant. Land, rolling bench land, and low rolling hills, with a general southwesterly exposure and drainage. Soil, deep and shallow white clay, with volcanic rock on the surface; 3rd rate. Undergrowth, scattered weeds, shadscale, yellowtop, sage, rabbit and black brush. Timber, scattered juniper and pinon on N. portion of mile. Fair grazing land.
	S. 89°51' E., bet. sections 3 and 10.
	Descend gradual E. slope of rolling mountainous land, through scattered timber and undergrowth.
4.40	Wood road, at base of descent, 50 ft. below corner, bears N. and S. 20° E.; ascend gradual NW. slope.
17.30	The S. base of a small, rocky knoll.
26.50	Base of abrupt ascent over steep W. slope, bears N. and S.
33.60	Spur, 110 ft. above base of ascent, projects NW.; descend gradual NE. slope.
40.00	Find no trace of the ¼ sec. corner of secs. 3 and 10. Proportionate point; on gradual NE. slope, 20 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock, and in a mound of stone to top, for the restored ¼ sec. corner of secs. 3 and 10, with brass cap marked ¼ S 3 S 10 1935 from which A pinon, 6 ins. diam., bears S. 57° 30' E., 206 links dist., marked ¼ S10 BT A pinon, 8 ins. diam., bears N. 15° W., 123 links dist., marked ¼ S3 BT

U. S. GOVERNMENT PRINTING OFFICE 6—8155

Chains	
41.40	Base of descent, 20 ft. below the ¼ sec. corner, bears NE. and SW.; thence ascend gradual NW. slope.
51.60	Old wood road, bears NW. and SE., 1.50 chains distant to junction with road bearing NE. and SW.
54.35	Old wood road, bears NE. and SW.
58.00	Slope changes from a gradual NW. slope to a gradual SW. slope.
62.25	Old wood road, bears NE. and SW.
63.80	From this point, the head house for the culinary water for the town of Lyman, Utah, bears N. 10.25 chains dist. From the head house a small spring bears N. 10° E. 2.00 chains distant.
64.30	Rocky draw, 50 ft. deep, drains SW.; thence ascend steep NW. slope.
68.70	Old wood road, bears N. 20° E. and S. 20° W.
77.75	Slope changes from a NW. slope to a W. slope.
79.06	The closing corner of secs. 10 and 11, subsequently set at this point.
80.00	Find no trace of the corner of secs. 2, 3, 10, and 11.
	Proportionate point; on gradual W. slope, 380 ft. above the ¼ sec. corner.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the SE. corner of sec. 3, with brass cap marked
	T28S R3E S3 1935 | S11
	from which
	A pinon, 12 ins. diam., bears N. 47° W., 75 links dist., marked T28S R3E S3 BT
	Land, rolling and mountainous, with a general westerly exposure and drainage.
	Soil, shallow, white clay and gravel, with volcanic stone on the surface; 3rd rate.
	Undergrowth, scattered weeds, yellowtop, sage, rabbit, shadscale and black brush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.
	N. 0° 27' W., along the E. boundary of section 3.
	Ascend gradually along rocky W. slope of rough mountainous land, through dense timber and scattered undergrowth.
1.34	Point which is a northing of 80.00 chains from the corner of secs. 11 and 14.

DEPENDENT RESURVEY OF A PORTION OF SUBDIVISION
T. 28 S., R. 3 E.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for corner of secs. 2 and 11, with brass cap marked
	T28S S2 S3 S11 R3E
	1935
	from which
	A pinon, 10 ins. diameter, bears N. 72° E., 16 links dist., marked T28S R3E S2 BT
	A pinon, 16 ins. diameter, bears S. 35° 45' E., 29 links dist., marked T28S R3E S11 BT
6.00	Top of ascent, on W. slope, 20 ft. above corner, bears NE. and SW.; thence descend steep NW. slope.
11.30	Old wood road, bears E. and W.
13.00	Rocky draw, 80 ft. below top of ascent, drains SW.; ascend steep, rocky SW. slope.
24.00	Spur, 180 ft. above draw, projects W.; descend steep NW. slope.
26.50	Small draw, 30 ft. below spur, drains SW.; ascend gradual SW. slope.
37.00	Old wood road, bears NE. and SW.
40.00	Find no trace of the ¼ sec. corner of secs. 2 and 3.
	Proportionate point; on SW. slope, 40 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. corner of sec. 3, with brass cap marked
	¼ S3
	1935
	from which
	A pinon, 10 ins. diam., bears S. 50° W., 42 lks. dist., marked ¼ S3 BT.
	A pinon, 12 ins. diam., bears N. 59° W., 83 lks. dist., marked ¼ S3 BT.
41.34	Point which is a northing of 40.00 chains from the cor. of secs. 2 and 11.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 2, with brass cap marked
	¼ S2
	1935
	from which

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chains

A pinon, 12 ins. diam., bears N. 59° W., 178 lks. dist., marked ¼ S2 BT.

A pinon, 14 ins. diam., bears S. 46° 15' E., 141 lks. dist., marked ¼ S2 BT.

47.10 Spur, 40 ft. above the ¼ sec. cor. sec. 3, projects S. 60° W.; descend gradual NW. slope.

57.40 Rocky draw, 20 ft. below spur, drains SW.; ascend gradual SE. slope.

65.00 Spur, 50 ft. above draw, projects S. 60° W.; descend gradual N. slope.

67.00 Leave timber and enter large open swale, bears E. and W.

72.50 Bottom of open swale, 30 ft. below spur, drains SW.; ascend gradual S. slope.

78.35 Old wood road, bears NW. and SE.

80.70 The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the township, heretofore described.

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

Soil, shallow gravel and clay, mixed with volcanic rock; 3rd rate.

Undergrowth, scattered weeds, yellow top, shadscale, sage, rabbit, and black brush.

Timber, medium dense juniper and pinon S. portion of mile.

Fair grazing land.

SUBDIVISION OF A PORTION, T. 28 S., R. 3 E.

From the ¼ sec. cor. secs. 25 and 26, heretofore described

North, bet. secs. 25 and 26.

Ascend gradually over rolling SW. slope of bench land, through scattered timber and undergrowth.

23.70 Base of abrupt ascent over steep rocky S. slope of mountainous land, bears E. and W.

37.70 Slope changes from an abrupt S. slope to a gradual W. slope, bears NE. and SW.

40.00 On gradual W. slope, 410 ft. above the ¼ sec. cor.

SURVEYOR-GENERAL'S OFFICE, T. 28 S., R. 3 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam.; 18 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 23, 24, 25, and 26, with brass cap marked

T28S R3E	
S23	S24
S26	S25

1935

from which

A pinon, 7 ins. diam., bears N. 68°15' E., 63 lks. dist., marked T28S R3E S24 BT.

A pinon, 10 ins. diam., bears S. 35° E., 267 lks. dist., marked T28S R3E S25 BT.

A pinon, 12 ins. diam., bears S. 54° W., 165 lks. dist., marked T28S R3E S26 BT.

A pinon, 8 ins. diam., bears N. 38°30' W., 81 lks. dist., marked T28S R3E S23 BT.

Land, south portion of half mile is rolling while the N. portion is rough and mountainous; general southwesterly exposure and drainage.

Soil, shallow white gravelly clay, mixed with volcanic rock; 4th rate.

Undergrowth, scattered weeds, yellow top, sage, shadscale, rabbit, and black brush.

Timber, scattered scrub juniper and pinon.

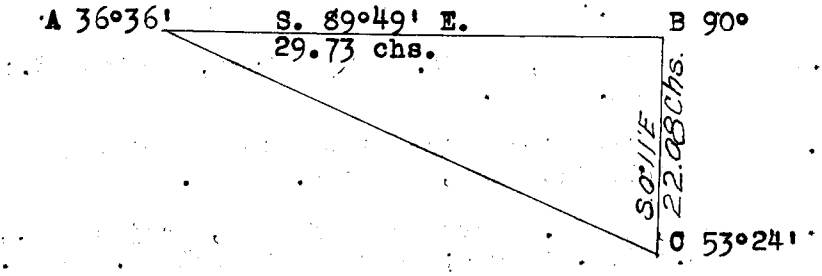
Fair grazing land.

S. 89°49' E., on random line, bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

49.77 The line to the E. of this point, passes over vertical ledges over which I am unable to chain, I therefore determine the distance by triangulation as follows.

Erect flag "A" at this point and flag "B" on line to the E. From "B", survey base line "BC", S. 0°11' E., 22.08 chs. dist. From "C", flags "A" subtend an angle of 53°24'. From "A", flags "BC" subtend an angle of 36°36'. All angles checked by repetition and base line double chained.



Distance on line	49.77 chs.
Distance by triangulation	29.73 chs.
	79.50 chs.

79.50 To point "B" of triangulation at a point 2 lks. N. of the

U. S. GOVERNMENT PRINTING OFFICE: 1935 6—8155

Chains	
	extend
	cor. of secs. 24 and 25, on the E. bdr. of the township which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 28 S., R. 4 E., of this group.
	Thence:
	N. 89°48' W., on true line, bet. secs. 24 and 25.
	Descend abruptly over W. face of perpehdicular inaccessible red sandstone ledges, through medium dense timber and scattered undergrowth.
10.00	Approximate distance; small stream in bottom of fork of Red Canyon, 275 ft. below cor., drains S.; ascend abrupt E. slope over inaccessible ledges.
16.50	Approximate distance; top of high ledgy spur, 210 ft. above stream, projects S., about 10.00 chs. dist. to end; descend abrupt W. face of ledges.
22.50	Approximate distance; small stream in bottom of fork of Red Canyon, 180 ft. below ledgy spur, drains S. 30° E.; ascend abrupt E. slope.
30.25	Old wood road, bears N. 10° W. and S. 10° E.
32.70	Spur, 250 ft. above bottom of fork of Red Canyon, projects S. 25° E.; descend gradual W. slope.
35.20	Draw, 50 ft. below spur, drains S., 7.00 chs. dist., thence SE., and heads N., 5.00 chs. dist.; ascend steep E. slope.
39.75	On steep E. slope, 120 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S24 / S25
	1935
	from which
	A pinon, 10 ins. diam., bears S. 51° E., 19 lks. dist., marked ¼ S25 BT.
	A pinon, 10 ins. diam., bears N. 30° W., 61 lks. dist., marked ¼ S24 BT.
41.70	Ridge, 30 ft. above the ¼ sec. cor., bears N. 10° W. and S. 10° E.; descend gradually over rocky SW. slope.
48.40	Head of draw, 40 ft. below ridge, drains S.; ascend steep SE. slope.
49.60	A two inch iron pipe line which carries the culinary water to Bicknell, Utah, bears N. and S.
53.30	Spur, 35 ft. above head of draw, projects S., about 10.00 chs. dist. to end; descend gradual SW. and W. slopes.
78.40	Drag road, bears N., and S., 75 lks. dist., thence SE.
79.50	The cor. of secs. 23, 24, 25, and 26, 210 ft. below spur.
	Land, broken and mountainous, with a general southwesterly

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
	exposure and drainage.
	Soil, shallow clay and sand, mixed with volcanic rock; 3rd rate.
	Undergrowth, scattered weeds, yellow top, shadscale, sage, rabbit, and black brush.
	Timber, medium dense juniper and pinon.
	Fair grazing land.
	N. 0°01' W., bet. secs. 23 and 24.
	Ascend gradually along rocky W. and SW. slopes of mountainous land, through medium dense timber and scattered undergrowth.
3.40	Top of ascent, bears NE. and SW.; thence descend gradual rocky NW. slope.
17.70	Rocky draw, 120 ft. below top of ascent, drains W., 3.00 chs. dist., thence SW.; ascend steep rocky S. slope.
19.50	Trail, bears E. and W.
29.80	Wood road, bears N. 80° E. and S. 80° W.
40.00	On steep rocky S. slope, 450 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S23 | S24 1935 from which
	A pinon, 7 ins. diam., bears N. 85°30' E., 66 lks. dist., marked ¼ S24 BT.
	A pinon, 7 ins. diam., bears N. 82° W., 37 lks. dist., marked ¼ S23 BT.
44.10	Ridge, 30 ft. above the ¼ sec. cor., bears N. 60° E. and S. 60° W.; descend steep NW. slope.
59.30	Draw, 285 ft. below ridge, drains W.; ascend abrupt SW. slope.
65.00	Spur, 160 ft. above draw, projects W.; descend abrupt rocky NW. slope.
77.80	Wood road, bears N. 30° E. and S. 30° W.
80.00	On NW. slope, 160 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 13, 14, 23, and 24, with brass cap marked T28S | R3E S14 | S13 S23 | S24 1935

U. S. GOVERNMENT PRINTING OFFICE: 1951 C—6155

[illegible] R. 3 E.

Chains

from which

A pinon, 12 ins. diam., bears N. 78°30' E., 102 lks. dist., marked T28S R3E S13 BT.

A pinon, 10 ins. diam., bears S. 21° E., 43 lks. dist., marked T28S R3E S24 BT.

A juniper, 20 ins. diam., bears S. 24° W., 35 lks. dist., marked T28S R3E S23 BT.

A pinon, 12 ins. diam., bears N. 47° W., 141 lks. dist., marked T28S R3E S14 BT.

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

Soil, shallow clay and sand, with volcanic rock; 4th rat

Undergrowth, scattered weeds, shadscale, yellow top, sag rabbit, and black brush.

Timber, medium dense juniper and pinon and scattered spruce.

Fair grazing land.

S. 89°48' E., on random line, bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

53.00 The line to the E. of this point, passes over the broken SW. face of inaccessible ledges over which I am unable to chain, I therefore offset as follows.

South, 4.59 chs. dist., thence
S. 89°48' E., 26.54 chs. dist. to:

79.54 The witness cor. to the cor. of secs. 13 and 24, T. 28 S. R. 3 E., which is also the witness cor. to the closing cor. of secs. 18 and 19, T. 28 S., R. 4 E. Cor. is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of T. 28 S., R. 4 E., of this group, and is South, 4.61 chs. dist. from the true point for the cor. of secs. 13 and 24, and South, 3.08 chs. dist. from the true point for the closing cor. of secs. 18 and 19.
The course of the line bet. secs. 13 and 24, therefore is N. 89°49' W., and the distance is 79.54 chs.

Thence:

N. 89°49' W., on true line, bet. secs. 13 and 24, counting distances from the true point for the cor. of secs. 13 and 24.

Descend gradually over SW. faces of broken inaccessible red and pink sandstone ledges, through medium dense timber and scattered undergrowth.

26.54 Gulch at base of inaccessible ledges, 40 ft. deep, drains SW.; continue descent over broken SW. faces of ledges.

34.00 Bend in same gulch, 40 ft. deep, drains SW. from the SE.

36.50 Red sandstone spur, 75 ft. high, projects SW., 2.50 chs. dist. to end; continue over SW. slope of ledges.

39.77 True point for the ¼ sec. cor. falls in bottom of sand-

SURVEY OF A PORTION, SUBDIVISION, T. 28 S., R. 3 E.

Chains	
	stone gulch, 750 ft. below the true point for cor. of secs. 13 and 24, drains SW, where it is impracticable to set a permanent cor. Gulch is rimmed with perpendicular sandstone walls, 40 ft. high; ascend abrupt E. slope.
40.40	On abrupt E. slope, 50 ft. above gulch.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for witness cor. to the ¼ sec. cor. secs. 13 and 24, with brass cap marked ¼ S13 / S24 WO 1935 from which
	A pinon, 20 ins. diam., bears S. 16° W., 116 lks. dist., marked WO ¼ S24 BT.
	A pinon, 8 ins. diam., bears N. 60° W., 48 lks. dist., marked WO ¼ S13 BT.
	Continue abrupt ascent over ledgy E. slope.
46.00	Spur, 150 ft. above cor., projects S.; descend abrupt SW. slope.
50.00	Draw, 80 ft. below spur, drains S.; ascend gradually along S. slope.
56.70	Top of ascent on S. slope, 80 ft. above draw, bears N. and S.; thence descend gradual SW. slope.
60.60	Spur, 30 ft. below top of ascent, projects SW.; descend steep rocky W. slope.
78.00	Wood road, bears N. 30° E. and S. 30° W.
79.54	The cor. of secs. 13, 14, 23, and 24, 340 ft. below spur.
	Land, broken and mountainous, with sandstone ledges; general southwesterly exposure and drainage.
	Soil, shallow loose sand and clay, mixed with rock; 4th rate.
	Undergrowth, scattered weeds, shadscale, silver leaf, sage, rabbit, and black brush.
	Timber, medium dense juniper and pinon and scattered spruce.
	Fair grazing land.
	N. 0°01' W., bet. secs. 13 and 14.
	Descend gradual NW. slope of broken mountainous land, through dense timber and scattered undergrowth.
0.70	Wash, 50 lks. wide, 3 ft. deep, in bottom of large main draw, 10 ft. below cor., drains S. 30° W.; ascend abrupt SE. slope.
14.70	Slope changes from an abrupt SE. slope to an abrupt E. slope, bears E. and W.

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SURVEY OF A PORTION; SUBDIVISION, T. 28 S., R. 3 E.

Chains

40.00 On steep rocky E. slope, 470 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in t ground to solid rock and in a mound of stone to top, fo ¼ sec. cor., with brass cap marked

¼

S14 | S13

1935

from which

A pinon, 18 ins. diam., bears S. 50° E., 22 lks. dist., marked ¼ S13 BT.

A pinon, 6 ins. diam., bears N. 57° W., 105 lks. dist., marked ¼ S14 BT

44.10 Top of ascent on E. slope, 80 ft. above the ¼ sec. cor. bears NW. and SE.; descend abrupt NE. slope.

50.00 Head of draw, 10 ft. below top of ascent, drains SE.; ascend gradually along rocky SE. slope.

66.50 Ridge, 200 ft. above head of draw, bears NE. and SW.; descend steep NW. slope.

80.00 On steep rocky NW. slope, 100 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked

T28S R3E
S11 | S12
S14 | S13

1935

from which

A pinon, 6 ins. diam., bears N. 60° E., 71 lks. dist., marked T28S R3E S12 BT.

A pinon, 6 ins. diam., bears S. 18° E., 44 lks. dist., marked T28S R3E S13 BT.

A juniper, 6 ins. diam., bears S. 68° W., 32 lks. dist., marked T28S R3E S14 BT.

A juniper, 12 ins. diam., bears N. 38°15' W., 49 lks. dist., marked T28S R3E S11 BT.

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

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

Undergrowth, scattered weeds, silver leaf, sage, and black brush.

Timber, medium dense juniper and pinon and scattered spruce.

Fair grazing land.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
	S. 89°49' E., on random line, bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
79.50	Intersect the E. bdy. of the township, 5 lks. S. of the cor. secs. 12 and 13, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 28 S., R. 4 E., of this group.
	Thence:
	N. 89°51' W., on true line, bet. secs. 12 and 13.
	Descend gradually over broken SW. slope of high mountainous land, through medium dense timber and scattered undergrowth.
21.20	Slope changes from a SW. slope to a W. slope.
26.70	Small rocky draw, drains N. 80° W.; thence descend gradually along N. slope.
31.50	Same draw, drains SW.; thence descend along SW. slope.
33.50	Low spur, projects SW., 5.00 chs. dist. to end.
38.85	Trail, bears N. and S.
39.75	On SW. slope, 460 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked S12 ¼ S13 1935 from which
	A yellow pine, 14 ins. diam., bears S. [illegible]° W., 61 lks. dist., marked ¼ S13 BT.
	A yellow pine, 36 ins. diam., bears N. 47° W., 85 lks. dist., marked ¼ S12 BT.
47.60	Bottom of main draw, 160 ft. below the ¼ sec. cor., drains S.; ascend abrupt rocky E. slope.
55.50	Ascent becomes more gradual, bears N. and S.
57.65	Wood road, bears N. and S.
65.30	Ridge, 180 ft. above draw, bears N. 70° E. and S. 70° W.; descend along gradual NW. slope.
79.50	The cor. of secs. 11, 12, 13, and 14, 160 ft. below top of ridge.
	Land, broken and mountainous, with a general easterly and westerly exposure and drainage.
	Soil, shallow white clay and volcanic rock; 4th rate.
	Undergrowth, scattered weeds, yellow top, shadscale, sage, and black brush.
	Timber, medium dense juniper and pinon and scattered spruce and yellow pine.
	Fair grazing land.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains

N. 0°01' W., bet. secs. 11 and 12.

Descend abrupt rocky NW. slope of rough mountainous land through dense timber and scattered undergrowth.

8.50 Small draw, 225 ft. below cor., drains W.; ascend abrupt SW. slope.

10.50 Spur, 50 ft. above draw, projects W.; descend over rolli NW. slope.

19.50 Wood road, bears E. and W.

24.00 Bottom of deep draw or canyon, 130 ft. below spur, drain SW.; ascend abrupt rocky S. slope.

40.00 On steep rocky S. slope, 280 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in th ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S11 | S12

1935

from which

A pinon, 12 ins. diam., bears N. 84° E., 44 lks. dist., marked ¼ S12 BT.

A pinon, 18 ins. diam., bears N. 68° W., 50 lks. dist., marked ¼ S11 BT.

45.40 Ridge, 130 ft. above the ¼ sec. cor., bears N. 80° E. and S. 80° W.; descend gradually over N. slope.

48.60 Wood road, bears E. and W.

55.70 Small draw, 50 ft. below ridge, drains W.; ascend gradual rocky S. slope.

58.60 Slope changes from a S. to a SW. slope.

80.00 On gradual SW. slope, 130 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in th ground, for the cor. of secs. 1, 2, 11, and 12, with bras cap marked

T28S | R3E
S2 | S1

S11 | S12

1935

from which

A pinon, 8 ins. diam., bears W. 60° E., 42 lks. dist., marked T28S R3E S1 BT.

A pinon, 12 ins. diam., bears S. 27° E., 100 lks. dist., marked T28S R3E S12 BT.

A pinon, 10 ins. diam., bears S. 43°15' W., 156 lks. dist., marked T28S R3E S11 BT.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains

A pinon, 18 ins. diam., bears N. 36° W., 43 lks. dist., marked T28S R3E S2 BT.

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

Soil, shallow white clay and volcanic rock; 4th rate.

Undergrowth, scattered weeds, silver leaf, shadscale, sage, and black brush.

Timber, dense juniper and pinon.

Fair grazing land.

S. 89°51' E., on random line, bet. secs. 1 and 12.

40.00 Set temp. ¼ sec. cor.

79.52 Intersect the E. bdy. of the township, 9 lks. S. of the cor. of secs. 1 and 12, T. 28 S., R. 3 E., which is an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 28 S., R. 4 E., of this group.

Thence:

N. 89°55' W., on true line, bet. secs. 1 and 12.

Descend abrupt W. slope of high mountainous land, through scattered timber and undergrowth.

27.20 Bottom of large main draw, 575 ft. below cor., drains S.; ascend abrupt E. slope.

37.20 Top of E. rim of flat topped ridge, 320 ft. above draw, bears N. and S.; thence across level top of ridge through dense timber.

39.76 On level top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ S1 / S12

1935

from which

A cattail pine, 12 ins. diam., bears S. 17° W., 28 lks. dist., marked ¼ S12 BT.

A red pine, 18 ins. diam., bears N. 81°30' W., 124 lks. dist., marked ¼ S1 BT.

41.40 Top of W. rim of ridge, bears N. and S.; descend abrupt SW. slope through scattered timber.

52.50 Base of abrupt descent, bears N. and S.; thence descend gradual W. slope.

53.60 Enter S. side of elongated open flat, about 10.00 chs. wide, bears N. and S.

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SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
62.60	Wood road, bears N. 35° W. and S. 35° E.
66.00	Leave S. side of open flat and enter dense timber, bears NW. and SE.
79.52	The cor. of secs. 1, 2, 11, and 12, 490 ft. below the ¢ sec. cor.
	Land, broken and mountainous, with a general westerly and easterly exposure and drainage.
	Soil, shallow loose sand, clay and rock; 3rd rate.
	Undergrowth, scattered weeds; silver leaf, sage, and black brush.
	Timber; scattered and dense juniper and pinon, cattail, red, and yellow pine.
	Good grazing land.
	N. 0°01' W., on true line, bet. secs. 1 and 2.
	Descend gradual NW. slope of rough mountainous land, through dense timber and scattered undergrowth.
7.90	Draw, 60 ft. below cor., drains W.; ascend gradual SW. slope.
12.90	Spur, 30 ft. above draw, projects N. 70° W.; descend gradual N. slope.
22.10	Draw, 50 ft. below spur, drains S. 70° W.; ascend gradual S. slope.
30.00	Leave timber, bears E. and W.
33.90	Enter timber, bears E. and W.
40.00	On gradual S. slope, 50 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S2 | S1 1935
	from which
	A pinon, 12 ins. diam., bears S. 14° E., 113 lks. dist., marked ¢ S1 BT.
	A pinon, 18 ins. diam., bears N. 65° W., 84 lks. dist., marked ¢ S2 BT.
	Thence ascend gradual SW. slope.
43.75	Wood road, bears N. 80° W. and SE.
54.80	Spur, 40 ft. above the ¢ sec. cor., projects SW.; descend gradually over rolling W. slope.
62.20	Wood road, bears NE. and SW.
75.80	Slope changes from a gradual W. slope to a steep N. slope.

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SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
79.01	Intersect the N. bdy. of the township, N. 89°20' W., 81 lks. dist. from the cor. of secs. 35 and 36, T. 27 S., R. 3 E., heretofore described.
	At point of intersection; on steep N. slope, 60 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 1 and 2, T. 28 S., R.3E. with brass cap marked T27S R3E S35 S2 | S1 T28S | R3E C | C 1935 from which
	A pinon, 6 ins. diam., bears S. 42°15' E., 333 lks. dist., marked T28S R3E S1 CC BT.
	A pinon, 8 ins. diam., bears S. 87°45' W., 234 lks. dist., marked T28S R3E S2 CC BT.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Shallow clay and volcanic rock; 3rd rate.
	Undergrowth, scattered weeds, yellow top, shadscale, sage, rabbit, and black brush.
	Timber, dense juniper and pinon and scattered spruce.
	Good grazing land.
	From the restored cor. of secs. 22, 23, 26, and 27, heretofore described.
	S. 89°49' E., on random line, bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
79.80	Intersect the N. and S. line, 7 lks. S. of the cor. secs. 23, 24, 25, and 26.
	Thence, N. 89°52' W., on true line, bet. secs. 23 and 26.
	Descend abrupt W. slope of mountainous land, through dense timber and scattered undergrowth.
15.80	Draw, 100 ft. below cor., drains S., 2.00 chs., thence SE.; ascend steep SE. slope.
26.80	Spur, 240 ft. above draw, projects S.; descend SW. slope.
35.20	Head of draw, 110 ft. below spur, drains SW.; ascend gradual SE. slope.
39.90	On SE. slope; 50 ft. above head of 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 1935. from which
	A pinon, 6 ins. diam., bears S. 57° W., 82 lks. dist., marked ¼ S26 BT.
	A pinon, 8 ins. diam., bears N. 57° W., 122 lks. dist., marked ¼ S23 BT.
42.90	Wood road, bears N. and S.
51.20	Spur, 50 ft. above the ¼ sec. cor., projects SW.; descend steep SW. slope.
60.50	Base of mountainous land, bears N. and S.; thence over rolling bench land.

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SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
62.10	Trail, bears N. and S.
79.80	The cor. of secs. 22, 23, 26, and 27, 170 ft. below spu
	Land, mountainous, with a general southerly exposure an drainage.
	Soil, shallow clay and volcanic rock; 3rd rate.
	Undergrowth, scattered weeds, shadscale, and sagebrush.
	Timber, dense juniper and pinon.
	Fair grazing land.
	N. 0°01' W., bet. secs. 22 and 23.
	Over rolling bench land, through scattered timber and undergrowth.
15.00	Draw, 50 ft. deep, drains S. 35° W.
32.80	Wood road, bears NE. and SW.
39.79	Point midway bet. the cor. of secs. 22, 23, 26, and 27, and the closing cor. of secs. 15 and 22.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for ¼ sec. cor. sec. 22, with brass cap marked ¼ S22 1935
	from which
	A pinon, 11 ins. diam., bears S. 19°30' W., 84 lks. dist., marked ¼ S22 BT.
	A pinon, 8 ins. diam., bears N. 44° W., 336 lks. dist., marked ¼ S22 BT.
40.00	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for ¼ sec. cor. sec. 23, with brass cap marked ¼ S23 1935
	from which
	A pinon, 6 ins. diam., bears N. 5°30' E., 187 lks. dist., marked ¼ S23 BT.
	A pinon, 8 ins. diam., bears S. 74°30' E., 109 lks. dist., marked ¼ S23 BT.
47.70	Small draw, 20 ft. deep, drains S. 85° W.
50.85	Wood road, bears E. and S. 80° W.
60.00	Low spur, 30 ft. high, projects N. 60° W.
77.10	Large draw, 60 ft. deep, drains S. 30° W.
79.58	The closing cor. of secs. 15 and 22, subsequently set at this point.
80.00	In small wash, drains S. 10° E.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in th ground to solid rock and in a mound of stone to top, for cor. of secs. 14 and 23, with brass cap marked T28S S14 S15 S23 R3E 1935
	from which
	A pinon, 10 ins. diam., bears N. 51°45' E., 78 lks. dist., marked T28S R3E S14 BT.
	A pinon, 8 ins. diam., bears S. 41° E., 88 lks. dist., marked T28S R3E S23 BT.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, shallow clay and volcanic rock; 3rd rate.
	Undergrowth, scattered weeds, shadscale, sage, and black brush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.
	S. 89°52' E., on random line, bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect the N. and S. line, 2 lks. S. of the cor. secs. 13, 14, 23, and 24.
	Thence, N. 89°53' W., on true line, bet. secs. 14 and 23.
	Descend gradual W. slope of rough mountainous land, through dense timber and scattered undergrowth.
0.85	Bottom of main draw, 10 ft. below cor., drains S. 20° W.; ascend abrupt rocky E. slope.
6.30	Slope changes from an abrupt E. slope to an abrupt S. slope.
22.00	Spur, 200 ft. above draw, projects S. 20° W.; continue ascent.
28.00	Wood road, bears NE. and SW.
35.60	Top of ascent on S. slope, 20 ft. above spur, bears N. and S.; thence descend gradually along S. slope.
39.88	On rocky S. slope, 35 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S14 / S23 / 1935 from which
	A pinon, 8 ins. diam., bears S. 34°15' W., 40 lks. dist., marked ¼ S23 BT.
	A pinon, 8 ins. diam., bears N. 25°30' W., 13 lks. dist., marked ¼ S14 BT.
77.00	Base of mountainous land, bears N. and S.; thence over rolling bench land.
79.76	The cor. of secs. 14 and 23, 515 ft. below the ¼ sec. cor.
	Land, broken and mountainous, with a general southwesterly exposure and drainage.
	Soil, shallow gravel and clay, with volcanic rock on the surface; 3rd rate.
	Undergrowth, scattered weeds, yellow top, shadscale, sage and black brush.
	Timber, dense juniper and pinon, with a few scattered spruce.
	Fair grazing land.
	From the restored ¼ sec. cor. secs. 15 and 22, heretofore described.
	East, on true line, bet. secs. 15 and 22.
	Ascend gradually over rolling SW. slope of bench land,

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Chains	
	through scattered timber and undergrowth.
33.90	Wash, 20 lks. wide, 3 ft. deep, drains S. 10° W.
36.50	Wood road, bears N. and S.
39.47	Intersect the W. bdy. of sec. 23, S. 0°01' E., 42 lks. dist. from the cor. of secs. 14 and 23.
	At point of intersection; in small wash, drains S. 10° E. 120 ft. above the ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 15 and 22, with brass cap marked
	T28S S15 C C S22 S23 R3E 1935
	from which
	A pinon, 8 ins. diam., bears S. 10° W., 69 lks. dist., marked T28S R3E S22 CC BT.
	A pinon, 11 ins. diam., bears N. 13° W., 70 lks. dist., marked T28S R3E S15 CC BT.
	Land, rolling, with a general southwesterly exposure and drainage.
	Soil, shallow sand, clay, and gravel, with volcanic rock on the surface; 3rd rate.
	Undergrowth, scattered weeds, yellow top, shadscale, sage rabbit, and black brush.
	Timber, scattered scrub juniper and pinon.
	Fair grazing land.
	From the cor. of secs. 14 and 23.
	N. 0°01' W., along the W. bdy. of sec. 14.
	Ascend gradually over broken bench land near base of mountains, through dense timber and scattered undergrowth
4.40	Wood road, bears NE. and SW.
20.20	Draw, 20 ft. deep, drains SW.
39.37	Point which is midway bet. the closing cor. of secs. 15 and 22, and the closing cor. of secs. 10 and 15.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor. sec. 15, with brass cap marked
	¼ S15 1935
	from which
	A juniper, 5 ins. diam., bears S. 61° W., 41 lks. dist., marked ¼ S15 BT.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
	A pinon, 8 ins. diam., bears N. 13°15' W., 152 lks. dist., marked ¼ S15 BT.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 14, with brass cap marked ¼ S14 1935 from which
	A pinon, 6 ins. diam., bears N. 70° E., 83 lks. dist., marked ¼ S14 BT.
	A pinon, 6 ins. diam., bears S. 53° E., 36 lks. dist., marked ¼ S14 BT.
48.50	Main draw, 70 ft. deep, drains SW.
50.50	Wood road at base of mountainous land, bears E. and W., mountainous land bears NW. and SE.; thence ascend gradual SW. slope of mountainous land.
66.00	Wood road, bears NE. and SW.
72.30	Head of draw, 20 ft. deep, drains SW.
79.16	The closing cor. of secs. 10 and 15, subsequently set at this point.
79.80	Low spur, 200 ft. above the cor. of secs. 14 and 23, projects SW.; descend gradual NW. slope.
80.00	On gradual NW. slope, 10 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 11 and 14, with brass cap marked T28S S11 S10 S14 R3E 1935 from which
	A pinon, 10 ins. diam., bears N. 48°45' E., 29 lks. dist., marked T28S R3E S11 BT.
	A pinon, 8 ins. diam., bears S. 19° E., 31 lks. dist., marked T28S R3E S14 BT.
	Land, rolling bench land and mountainous land, with a general southwesterly exposure and drainage.
	Soil, shallow clay, gravel, and volcanic rock; 3rd rate.
	Undergrowth, scattered weeds, shadscale, yellow top, sage, rabbit, and black brush.
	Timber, dense scrub juniper and pinon.
	Fair grazing land.

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SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
	S. 89°53' E., on random line, bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
79.70	Intersect the N. and S. line, 7 lks. N. of the cor. secs. 11, 12, 13, and 14.
	Thence:
	N. 89°50' W., on true line, bet. secs. 11 and 14.
	Descend abrupt NW. slope of rough mountainous land, through dense timber and scattered undergrowth.
30.70	Wood road, bears NE. and SW.
31.90	Draw, 530 ft. below cor., drains SW.; ascend gradually along steep S. slope.
39.85	On steep S. slope, 40 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 S11 / S14 1935 from which
	A pinon, 8 ins. diam., bears S. 17°30' W., 120 lks. dist., marked ¼ S14 BT.
	A pinon, 10 ins. diam., bears N. 86°30' W., 48 lks. dist., marked ¼ S11 BT.
62.50	Spur, 120 ft. above the ¼ sec. cor., projects SW.; descends steep rocky W. slope.
75.85	Wood road, bears N. 20° E. and S. 50° W.
78.50	Low spur, projects SW.
79.70	The cor. of secs. 11 and 14, 205 ft. below spur, at 62.50
	Land, broken and mountainous, with a general southwestern exposure and drainage.
	Soil, shallow clay, sand, and gravel, mixed with volcanic rock; 3rd rate.
	Undergrowth, scattered weeds, shadscale, yellow top, sage, rabbit, and black brush.
	Timber, dense scrub juniper and pinon.
	Fair grazing land.
	From the restored ¼ sec. cor. secs. 10 and 15, heretofore described.
	East, bet. secs. 10 and 15.
	Ascend gradual W. slope of mountainous land, through dense timber and scattered undergrowth.
10.30	Slope changes from a W. slope to a S. slope, bears NE. and SW.

SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
16.80	Head of draw, 120 ft. above cor., drains SW.; thence ascend gradual W. slope.
26.30	Spur, 120 ft. above head of draw, projects SW.; descend gradual SE. slope.
32.50	Draw, 75 ft. below spur, drains SW.; ascend abrupt NW. slope.
39.32	Intersect the W. bdy. of sec. 14, S. 0°01' E., 84 lks. dist. from the cor. of secs. 11 and 14.
	At point of intersection; on NW. slope, 110 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 10 and 15, with brass cap marked

T28S
S10
S14
S15
R3E

1935

from which

A pinon, 10 ins. diam., bears S. 34°30' W., 73 lks. dist., marked T28S R3E S15 CC BT.

A pinon, 10 ins. diam., bears N. 17° W., 102 lks. dist., marked T28S R3E S10 CC BT.

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

Soil, shallow clay, gravel, and volcanic rock; 3rd rate.

Undergrowth, scattered weeds, shadscale, silver leaf, sage, and black brush.

Timber, dense scrub juniper and pinon.

Fair grazing land.

From the cor. of secs. 11 and 14.

N. 0°01' W., along the W. bdy. of sec. 11.

Descend gradual NW. slope of broken mountainous land, through dense timber and scattered undergrowth.

1.60	Draw, 15 ft. below cor., drains SW.; ascend gradual SW. slope.
11.00	Spur, 50 ft. above draw, projects SW.; descend gradual W. slope.
22.60	Head of draw, 50 ft. below spur, drains SW.; ascend S. slope.
26.90	Spur, 20 ft. above head of draw, projects SW.; descend steep NW. slope.
31.50	Draw, 85 ft. below spur, drains W.; ascend gradual SW. slope.

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SURVEY OF A PORTION SUBDIVISION, T. 28 S., R. 3 E.

Chains	
38.91	Point midway bet. the closing cor. of secs. 10 and 15, and the closing cor. of secs. 10 and 11.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground, for ¼ sec. cor. sec. 10, with brass cap marked ¼ S10 | 1935 from which
	A pinon, 9 ins. diam., bears S. 33°15' W., 110 lks. dist., marked ¼ S10 BT.
	A pinon, 12 ins. diam., bears N. 63°15' W., 106 lks. dist., marked ¼ S10 BT.
39.50	Wood road, bears W. and S. 70° E.
40.00	On gradual SW. slope, 100 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor. sec. 11, with brass cap marked | ¼ S11 1935 from which
	A pinon, 14 ins. diam., bears N. 83° E., 72 lks. dist., marked ¼ S11 BT.
	A pinon, 6 ins. diam., bears S. 62° E., 133 lks. dist., marked ¼ S11 BT.
49.20	Wood road, bears NE., and S., 1.00 chs. dist., thence S. 20° W.
50.00	Spur, 100 ft. above the ¼ sec. cor., projects SW.; descen abrupt NW. slope.
61.80	Wood road, bears E. and W.
70.00	Draw, 105 ft. below spur, drains NW.; ascend rocky SW. slope.
76.15	Slope changes from a SW. slope to a W. slope.
78.66	Intersect the S. bdy. of sec. 3, N. 89°51' W.; 94 lks. dist. from the SE. cor. of secs. 3, heretofore described.
	At point of intersection; on W. slope, 50 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 10 and 11, with brass cap marked T28S R3E S3 S10 | S11 CC 1935 from which
	A pinon, 10 ins. diam., bears S. 19°30' E., 153 lks. dist., marked T28S R3E S11 CC BT.

SURVEY OF A PORTION SUBDIVISION; T. 28 S., R. 3 E.

Chains	
	A pinon, 18 ins. diam., bears S. 16°15' W., 67 lks. dist., marked T28S R3E S10 OC BT.
	Land, broken and mountainous, with a general southwesterly exposure and drainage.
	Soil, shallow clay, sand, and gravel, mixed with volcanic rock; 3rd rate.
	Undergrowth, scattered weeds, shadscale, yellow top, sage, rabbit, and black brush.
	Timber, dense scrub juniper and pinon.
	Fair grazing land.
	From the cor. of secs. 2 and 11, which is N. 0°27' W., 1.34 chs. dist. from the SE. cor. of sec. 3, and a northing of 80.00 chs. from the cor. of secs. 11 and 14, heretofore described.
	S. 89°50' E., on random line, bet. secs. 2 and 11.
39.00	Set temp. ¼ sec. cor.
78.72	Intersect the N. and S. line, 5 lks. N. of the cor. secs. 1, 2, 11, and 12.
	Thence:
	N. 89°48' W., on true line, bet. secs. 2 and 11.
	Descend abrupt NW. slope of rough mountainous land, through dense timber and scattered undergrowth.
13.60	Old wood road, bears N. 70° E. and S. 70° W.
14.60	Same road, bears N. 70° W. and S. 70° E.
18.50	Same road, bears NE. and SW.
39.70	Head of draw, drains SW.; thence descend along SW. slope.
40.00	On gradual SW. slope, 335 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked ¼ S2 / S11 1935 from which
	A pinon, 12 ins. diam., bears N. 20°15' E., 118 lks. dist., marked ¼ S2 BT.
	A pinon, 8 ins. diam., bears S. 23° W., 23 lks. dist., marked ¼ S11 BT.
45.70	Spur, 10 ft. below the ¼ sec. cor., projects SW.; descend steep NW. slope.
78.72	The cor. of secs. 2 and 11, 415 ft. below the ¼ sec. cor.

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

Soil, shallow sand, clay, and gravel, with volcanic rock 4th rate.

Undergrowth, scattered weeds, shadscale, yellow top, sag and black brush.

Timber, dense juniper and pinon.

Fair grazing land.

GENERAL DESCRIPTION OF, T. 28 S., R. 3 E.

The land included in this survey of fractional T. 28 S., R. 3 E., in general, consists of the broken foot hills of the southwest end of the Thousand Lake Mountain, and ranges from about 7000 ft. to 9500 ft, above sea level. It has a general southwesterly exposure and drainage. Th greater portion of the fractional township, is within th boundaries of the Fish Lake National Forest, which embraces secs. 1, 2, 11, 12, 13, 14, 23, and 24. The lan to the SW. of the foot hills of the mountainous land, consists of a rolling bench, which has a general south-westerly exposure and drainage. The E. portion of the E. range of secs. is very rough and broken, and consists of high pink and red sandstone ledges, which in some places are inaccessible. From the base of these ledges, the formation consists of lava and sandstone, and the surfac of the ground is strewn with large volcanic boulders, wh appear to have come from the high rims of the Thousand Lake Mountain.

The soil in general, consits of a shallow white clay and gravel, lying on a sandstone bedrock, and may be classified as 3rd and 4th rates. In most places, the soil is mixed with volcanic rock and sandstone boulders. In the bottoms of the large draws and canyons, a shallow sandy loam is found, which is formed by the distintegrati of the sandstone ledges on the higher mountain slopes.

The mountainous portion and the high bench lands in the fractional township, are covered with a dense growth of scrub juniper and pinon timber, and on the steep N. slope a scattered growth of spruce timber is found. This timber has no commercial value except for fencing and fire wood.

A scattered undergrowth of grass, weeds, shadscale, yellow top, sage, rabbit, and black brush, is found throughout the fractional township, which affords fair grazing for stock during the fall and spring months of the year, and at the time of this survey, the greater portion of it was being used for this purpose, under the direction of the Forest Service.

The only permanent water in the township, are two small streams that head in the SE¼ sec. 24, and flow southerly through sec. 25, and a small stream that enters the township on the E. bdy. of the SE¼ sec. 25. These streams flow through forks of Red Canyon, and join in the SE¼ of sec. 25 and form Red Canyon. This water is diverted from Red Canyon in the SE¼ sec. 25, and flows through an irrigation ditch to approximately 10 acres of cultivat land belonging to Frank Durffey, located in the SE¼ SW¼ sec. 25, and the NE¼ NW¼ sec. 36, and which is the only cultivated land that is not patented in the township. The only other land that is not patented that is suitable for farming, are small tracts of land along the bottom of Red Canyon. A deserted homestead claimed by Frank Durffey of Bicknell, Utah, was found in the SE¼ of sec. 25. The improvements consist of an old rock house, rock chicken coop, cow shed, about ½ mile of fencing, and about 25 acres of land which at one time had been under cultivation

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These improvements are all in a dilapidated condition, and the house could not be made habitable.

The town of Bicknell, which has a population of approximately 400 inhabitants, is located mostly in the SE¼ of sec. 26.

From this town, a State highway, telephone line, and an electric power line, bear in a northwesterly direction to the town of Lyman, Utah, which is located mostly in the NW¼ of sec. 9.

A two inch iron pipe line enters the township on the E. bdy. of the NE¼ sec. 24, and bears in a southwesterly direction to a head house located near the center of sec. 25. This pipe line carries the water for culinary use, to the town of Bicknell.

A large canal which carries the water for irrigation purposes on the farms at Lyman and Bicknell, enters the township on the W. bdy. of sec. 10, and flows in a southerly and southeasterly direction to its end, in the SW¼ sec. 25. Numerous tracts of cultivated land were found to the south and west of this canal, but no land was being cultivated to the north and east of the canal.

Numeroud old wood roads were found throughout the fractional township, and parts of all the secs. can be reached over these roads by wagon.

No settlers were living on the unsurveyed portion of the township, and no indications of coal, oil, oil shale, or mineral were found.

The mean magnetic declination was found to be 16°30' E.

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Page

BOOK A-509

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Edward Eliason	Principal Assistant
Molen Roper	Chainman
Kelvin Winwood	Chainman
Loren Bell	Flagman
Richard M. Hales	Cornerman
James S. Sorenson	Axeman
Ulysses S. Gardner	Axeman
John K. Erickson	Axeman

6—2764

BOOK A-509

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Elliot Bird, ~~U. S.~~ Surveyor, hereby certify upon honor that, in pursu
of special instructions received from the District Cadastral Engineer for Utah
bearing date of the 8th day of February, 1929, I have well, faithfully, and t
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Inst
tions, and the laws of the United States, surveyed all those parts or portions of retracement of
portion of the south boundary; dependent resurvey of a portion of t
north boundary and subdivision, and survey of a portion of the
subdivision, completing the survey of T. 28 S., R. 3 E.,

of the Salt Lake
Meridian, in the State of Utah, which are represented
the foregoing field notes as having been executed by me, and under my direction; and that all the corner
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instr
tions, and the special written instructions of the District Cadastral Engineer for Utah
and in the specific manner described in the field notes, and that ~~the~~ foregoing are the original field notes
such survey.

Salt Lake City, Utah.
February 18, 1936.

Elliot Bird
~~U. S.~~ Surveyor

APPROVAL

OFFICE OF ~~U. S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado. APR 23 1941

The foregoing field notes of the survey of retracement of a portion of the south
boundary; dependent resurvey of a portion of the north boundary and
subdivision, and survey of a portion of the subdivision, completing
the survey of T. 28 S., R. 3 E., Salt Lake Meridian, Utah

executed by Elliot Bird, ~~U. S.~~ Surveyor
under his special instructions dated February 8, 1929, having be
critically examined, and the necessary corrections and explanations made, the said field notes, and the survey
they describe, are hereby approved.

Frank A. Johnson
~~U. S.~~ Supervisor of Survey

~~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. Supervisor of Survey~~

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Orig.

BOOK A-509

4—879
(April 1933)

Book "A"

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE UTAH NEVADA STATE BOUNDARY ALONG THE WEST BOUNDARY OF T. 38 S., R. 20 W.; AND SURVEY OF THE EAST BOUNDARY AND THE SUBDIVISION OF T. 38 S., R. 20 W.

Of the SALT LAKE *Meridian,*

In the State of UTAH

EXECUTED BY

Andrew Nelson, ~~U. S.~~ Surveyor

Kelvin Winwood, Transitman

Under special instructions dated April 17, *19*33, *which provided for the surveys included under Group No.* 245, *bearing the approval of the Commissioner of the General Land Office under date of* June 26, 1933

*and/*supplemental *assignment instructions dated* September 12, *19*36

Survey commenced September 18, *19*36

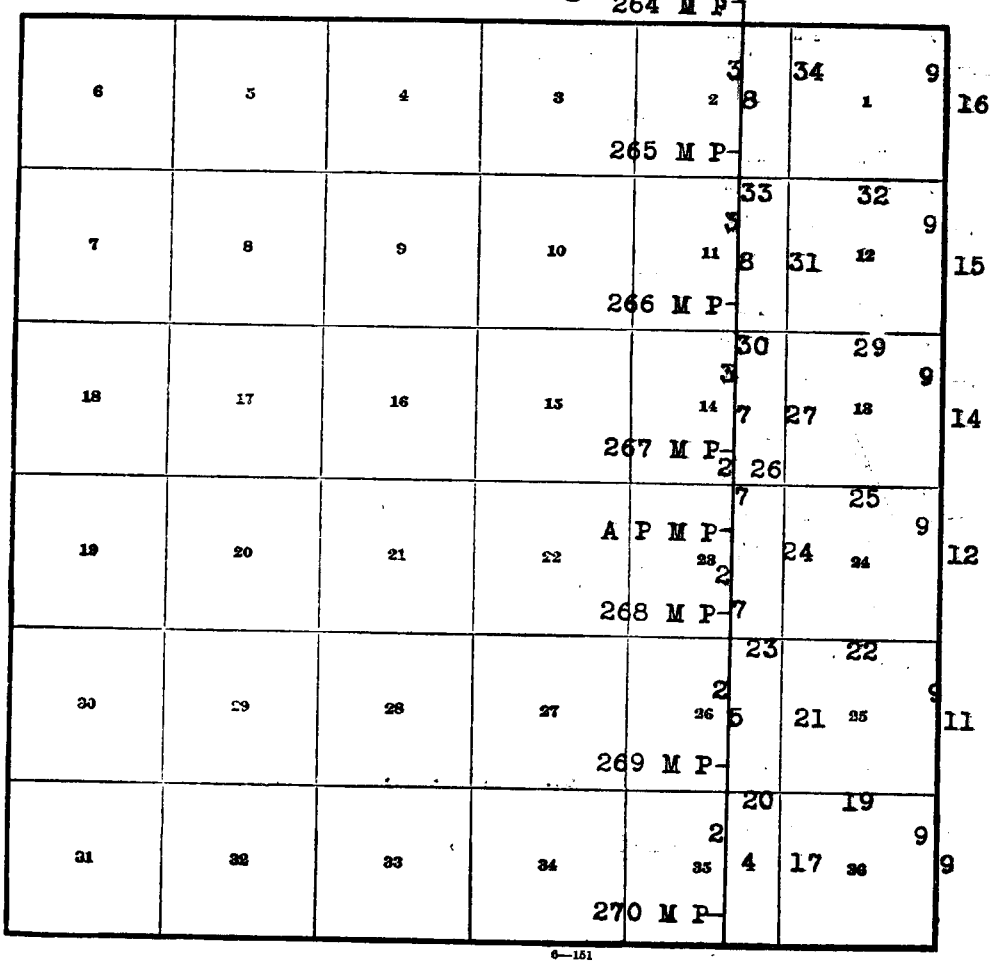
Survey completed November 2, *19*36

U. S. GOVERNMENT PRINTING OFFICE 6—161

BOOK A-509

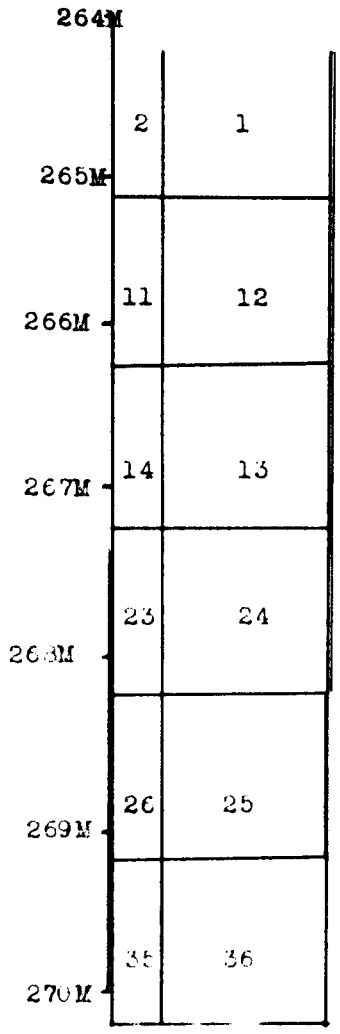
INDEX DIAGRAM.

Township 38 S, *Range* 20 W



6—151

Township 38 South, Range 20 West, Group 245, Utah.



All lines colored in red were surveyed by Andrew Nelson, Surveyor.

All lines colored in black were surveyed by Kelvin Winwood, Transitman, P.W.A.

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Page

T. 38 S., R. 20 W.

Survey commenced Sept. 21, 1936, and executed with Buff and Buff light mountain transits Nos. 14191 and 9210, used by Andrew Nelson, U. S. Surveyor, and Kelvin Winwood, Transitman, P. W. A., respectively. Each instrument is equipped with Smith solar attachment and full vertical circle; the horizontal limb of each transit is provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles. These instruments were approved for use on this survey by the district cadastral engineer for Utah, conditional upon satisfactory field tests as stated in supplemental assignment instructions dated September 12, 1936.

The instruments were in good condition at the time of this survey, and all adjustments were in good order. The country over which the lines were to be extended is rough and mountainous, but the solar attachments were not used, and all azimuths in this record are referred to true meridians determined by observations made upon Polaris during the progress of the survey by the method of deflection angles and calculated courses, and the lines were carried forward by the method of double fore and back sights.

The data furnished with the special instructions gives the geographic position of the SE. corner of T. 38 S., R. 20 W. as approximate latitude 37°26' N., longitude 114° 01' W.

September 20, 1936, at the angle point on the Utah-Nevada boundary line, between the 267th and 268th mile corners, in approximate latitude 37°29' N., longitude 114°03' W. at 4h 36.2m p.m. by my watch, which carries correct 105th meridian standard time by comparison with naval observatory time, I make an hour angle observation on Polaris east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 20 chains N., in the direction E. to Polaris

Watch fast of local mean time	00h 36.2m
Local mean time of observation	4h 00.0m
Mean horizontal angle, flag pole to Polaris	0°44'
Azimuth of Polaris	0°44' E.
True bearing of line	North.

Measurements

The measurements were made with Lallie steel ribbon tapes 5 and 8 chains in length; each tape is graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a Lufkin steel standard tape and found correct. The measurements were made on the slope; the vertical angles were determined by clinometers in good adjustment, two to each tape; the field notes show the horizontal equivalents.

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DEPENDENT RESURVEY OF PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE WEST BOUNDARY OF T. 38 S., R. 20 W.

chains	
	DEPENDENT RESURVEY OF PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE WEST BOUNDARY OF T. 38 S., R. 20 W.
	Reestablishment of Surveys Executed by I. E. James, U. S. Deputy Surveyor, in 1871.
	Random lines
	From the closing cor. of Tps. 38 and 39 S., R. 20 W., which is an iron post, 3 ins. diam., extending 10 ins. above a mound of stone, firmly set, and marked and witnessed as described in the official record of the survey of T. 39 S., R. 20 W., Group 109, Utah.
	Thence
	N. 2°31' W., (record course), along the 271st mile.
18.98	Intersect the 270th mile cor., hereinafter described.
	From the 270th mile cor.
	North, along the 270th mile.
80.00	Record distance: find no trace of the 269th mile post. Set temp. point.
	Continue North with continuous measurement along the 269th mile.
160.06	Fall 88 lks. W. of the 268th mile cor., hereinafter described.
	The true course of the line between the 270th and 268th mile cors. therefore is N. 0°19' E., and the proportionate distance of each mile is 80.03 chs.
	From the 268th mile cor.
	N. 0°46' W., along the 268th mile.
45.89	Fall 8 lks. E. of the Angle Point cor., hereinafter described.
	The true course between the 268th mile and the Angle Point cors. therefore is N. 0°52' W., and the distance is 45.89 chs.
	From the Angle Point cor.
	N. 0°11' E., along the 268th mile.
83.83	Intersect the 267th mile cor. hereinafter described.
	The true course between the Angle Point and the 267th mile cors. therefore is N. 0°11' E., and the distance is

DEPENDENT RESURVEY OF A PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE WEST BOUNDARY OF T. 38 S., R. 20 W.

chains	
	37.94 chs.
	From the 267th mile cor.
	N. 0°11' E., along the 267th mile.
74.10	Intersect the 266th mile cor., hereinafter described.
	The true course of this mile therefore is N. 0°11' E., and the distance is 74.10 chs.
	From the 266th mile cor.
	N. 0°11' E., along the 266th mile.
72.92	Fall 29 lks. E. of the 265th mile cor., hereinafter described.
	The true course of this mile therefore is N. 0°03' W., and the distance is 72.92 chs.
	From the 265th mile cor.
	N. 0°11' E., along the 265th mile.
80.41	Fall 33 lks. E. of the 264th mile cor., hereinafter described.
	The true course of this mile therefore is N. 0°03' W., and the distance is 80.41 chs.
	True lines
	From the closing cor. of Tps. 38 and 39 S., R. 20 W., heretofore described.
	N. 2°31' W., along the 271st mile.
	Over rough mountainous land, through a medium dense undergrowth; ascend 300 ft. along a SW. slope.
18.98	Intersect the 270th mile cor., which is an iron post, 2 ins. diam., extending 10 ins. above a mound of stone, firmly set, and marked and witnessed as described in the official record of the survey of T. 39 S., R. 20 W., Group 109, Utah.
	Cor. stands on top of a ridge bearing N. 80° W. and SE.
	Land, rough mountainous; general drainage and exposure SW.
	Soil, shallow loam, with a rocky clay subsoil; 2nd and 3rd rate.
	No timber.

DEPENDENT RESURVEY OF A PORTION OF THE [illegible]

BOUNDARY ALONG THE WEST BOUNDARY OF [illegible]

chains	
	Undergrowth, medium dense oak brush, sage brush, cat clam manzanita, and browse.
	Fair grazing land.
	N. 0°19' E., along the 270th mile.
	Over rough, mountainous land, through a medium dense undergrowth. Descend 450 ft. over a rolling N. slope to draw at 44.40 chs.
5.70	Ravine, 20 ft. below 270th mile cor., drains E.; ascend gradually along a gentle S. slope.
8.40	Low spur projects S. 80° E.; descend gradually.
13.20	Draw, 60 ft. below spur, drains S. 50° E. about 10 chs., thence E.; ascend 30 ft. along a SW. slope.
14.50	Low spur projects S. 75° E.; a branch of this spur projects N. 75° E. from a point about 5 chs. S. 75° E.; descend 10 ft. along a NW. slope.
21.03	Midpoint in lat. bet. the clos. cors. of secs. 2 and 35, and secs. 26 and 35.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor. on the W. bdy. of sec. 35, with brass cap marked ¼ NEV | S35 1936 from which
	A juniper, 6 ins. diam., bears S. 47°15' E., 258 lks. dist., marked ¼ S 35 B T.
	No other accessories available.
21.30	Small wash, 10 ft. below the ¼ sec. cor., drains SE.; ascend 50 ft. along a SW. slope.
24.50	Ridge, bears S. 70° E. and N. 75° W.; a spur, originating about 5 chs. S. 70° E., projects NE.; enter scattering junipers, bear E. and W.; descend 320 ft. along a general N. slope.
44.40	Draw, with a stream of good, clear water, flowing at an approximate rate of 4 gallons per minute, from a small seep spring located in the bottom of draw, about 10 chs. N. 80° W., drains E.; ascend 160 ft. over a broken S. slope.
58.80	Enter draw from N., drains S. 20° E.
61.03	Point for the closing cor. of secs. 26 and 35, hereinafter described.
63.80	Leave draw from N. 20° W., drains S.
71.20	Spur projects S. 20° E. from NW.; descend 10 ft. along a broken NE. slope.

DEPENDENT RESURVEY OF A PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE WEST BOUNDARY OF T. 38 S., R. 20 W.

chains	
80.03	Proportionate point. Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground for the restored 269th mile cor., with brass cap marked 269M NEV | UTAH 1936 from which A juniper, 8 ins. diam., bears S. 38°30' E., 26 lks. dist., marked 269 M B T. A juniper, 5 ins. diam., bears N. 21° W., 106 lks. dist., marked 269 M B.T. Land, rough mountainous; general easterly drainage and exposure. Soil, shallow loam, with a rocky clay subsoil; 2nd to 3rd rate. Timber, scattering junipers, and a few ash along stream at 44.40 ch. point. Undergrowth, medium dense scrub oak, sage brush, grass, and browse. Good grazing land.
	N. 0°19' E., along the 269th mile,
	Over broken and rolling mountainous bench land, through medium dense undergrowth and scattering timber; descend 5 ft. along a NE. slope.
.50	Small ravine drains S. 20° E.; ascend 180 ft. along a SW. slope.
7.90	Spur projects S. 30° E.; descend 50 ft. over a NE. slope.
9.80	Small draw drains E.; ascend 65 ft. over a S. slope.
11.40	Spur projects E. about 5 chs.; descend 25 ft. over a N. slope.
14.00	Draw drains S. 80° E.; ascend 40 ft. over a S. slope.
17.10	Spur projects S. 75° E.; descend gradually over a N. slope.
19.80	Ravine drains N. 85° E.; ascend gradually over a S. slope.
20.975	Midpoint bet. the closing cors. of secs. 23 and 26, and secs. 26 and 35, Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock, supported by a mound of stone, for the ¼ sec. cor. on the W. bdy. of sec. 26, with brass cap marked

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RESURVEY OF A PORTION OF THE [illegible] BOUNDARY

BOUNDARY ALONG THE WEST BOUNDARY OF T. 36 S., R. 20 W.

chains	
	NEV | 1/4 S26 1936
	from which
	A juniper, 4 ins. diam., bears N. 85°15' E., 29 lks. dist., marked 1/4 S 26 B T.
	A juniper, 8 ins. diam., bears S. 19°30' E., 121 lks. dist., marked 1/4 S 26 B T.
	Enter medium dense juniper and pinon, bears E. and W.
22.50	Spur projects S. 70° E.; descend 100 ft. along a NW. slope to swale.
32.70	Leave timber, bears E. and W.
36.90	Swale drains S. 70° E.; ascend 185 ft. along a general broken E. to SE. slope to the 268th mile cor.
56.60	Spur, 130 ft. above swale, projects E.; descend 45 ft.
60.60	Draw drains S. 75° E.; ascend 50 ft. to spur.
60.95	Point for the closing cor. of secs. 25 and 26, hereinafter described.
64.30	Spur projects S. 75° E.; descend 50 ft.
67.60	Draw drains S. 70° E.; ascend 40 ft.
68.90	Spur projects E. 75° E.; ascend 60 ft. along a SE. slope to the mile cor.
73.62	2 lks. E. of line is the closing cor. of Tps. 5 and 6 S., R. 71 E., Mount Diablo Meridian, an iron post, 3 ins. diam., firmly set, and properly marked and witnessed.
80.03	The 268th mile cor., which is an iron post, 3 ins. diam., firmly set, and marked and witnessed as described in the official record of the survey of T. 5 S., R. 71 E., Nevada.
	Cor. is on top of a ridge forming the SW. rim of Beaver Dam Wash, bearing SE. and N. 80° W.
	Land, rolling mountainous bench land; general SE. drainage and exposure.
	Soil, shallow, sandy loam, with a rocky clay subsoil; 3rd rate.
	Timber, medium dense pinon and juniper on S. part.
	Undergrowth, medium dense scrub oak, live oak, sage brush and cat claw, and scattering grass and browse.
	Good grazing land.

There is no change in the topography between the 268th and 264th mile posts on the state line as recorded in the resurvey in connection with the survey of T. 5 S., R. 71 E., M. D. M., Nevada.

DEPENDENT RESURVEY OF A PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE WEST BOUNDARY OF T. 38 S., R. 20 W.

Chains	
	N.0°52'W., along the 268th mile.
20.785	Midpoint between the closing cors. of secs. 14 and 23, secs. 23 and 26. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., W. bdy. of sec. 23, with brass cap marked ¼ NEV | S23 1936 raise a mound of stone, 3 ft. base, 1½ ft. high, E. of cor.
33.63	Intersect the ¼ sec. cor. on the E. bdy. of sec. 33, T. 5 S., R. 71 E.; an iron post, 1 ins. diam., firmly set, and marked and witnessed as described in the official record.
45.89	The Angle Point cor., which is an iron post, 3 ins. diam., extending 10 ins. above a mound of stone, firmly set, marked A P--UTAH-NEVADA, and witnessed as described in the official record of the survey of T. 5 S., R. 71 E., M.D.M., Nevada. This Angle Point cor. stands in the bottom of Beaver Dam Wash, about ½ chains from the N. edge of Beaver Dam Wash.
	Thence N.0°11'E., along the 268th mile with new measurement.
14.76	Point for the closing cor. of secs. 14 and 23, hereinafter described.
27.91	E. of line, 23 lks. dist., is the closing cor. of secs. 28 and 33, T. 5 S., R. 71 E.; an iron post, 2 ins. diam., firmly set, and marked and witnessed as described in the official record.
37.94	The 267th mile post, which is an iron post, 3 ins. diam., extending 12 ins. above the ground, firmly set, and marked and witnessed as described in the official record of the survey of T. 5 S., R. 71 E., M. D. M., Nevada.
	N.0°11'E., along the 267th mile.
16.765	Midpoint between the closing cors. of secs. 11 and 14, and secs. 14 and 23. Set an iron post, 3 ft. long, 1 ins. diam., 27 ins. in the ground, for the ¼ sec. cor., on the W. bdy. of sec. 14, with brass cap marked ¼ NEV | S14 1936 raise a mound of stone, 3 ft. base, 1½ ft. high, E. of post.

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DEPENDENT RESURVEY OF A PORTION OF THE UTAH-NEVADA S

BOUNDARY ALONG THE WEST BOUNDARY OF T. 38 S., R. 20

Chains

Cor. stands on a steep, brushy SE. slope.

29.99 E. of line, 4 lks. dist., is the ¼ sec. cor. on the E. bdy. of sec. 28, T. 5 S., R. 71 E., Nevada; an iron post, 1 in. diam., properly set, and marked and witnes as described in the official record.

56.71 Point for the closing cor. of secs. 11 and 14, hereinafter described.

56.93 Point for the witness cor. to the closing cor. of secs. 11 and 14.

69.60 W. of line, 7 lks. dist., is the closing cor. of secs. 21 and 28, T. 5 S., R. 71 E., Nevada; an iron post, 2 ins. diam., firmly set, and marked and witnessed as described in the official record.

74.10 The 266th mile post, which is an iron post, 3 ins. dia extending 10 ins. above the ground, firmly set, and ma ed and witnessed as described in the official record o the survey of T. 5 S., R. 71 E., Nevada.

N.0°03'W., along the 266th mile.

22.57 Midpoint between the closing cors. of secs. 2 and 11, secs. 11 and 14.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, and in a mound of stone to the top, for the ¼ sec. cor., on the W. bdy. of sec. 11, with brass cap marked

	¼
NEV	S11
1936	

No suitable accessories available.

35.14 W. of line, 10 links dist., is the ¼ sec. cor. on the E bdy. of sec. 21, T. 5 S., R. 71 E.; an iron post, 1 in. diam., firmly set, and marked and witnessed as describe in the official record.

62.53 Point for the closing cor. of secs. 2 and 11, hereinafter described.

72.92 The 265 + 2.25 chs. mile post, which is an iron post, 3 ins. diam., extending 10 ins. above a mound of stone, firmly set, and marked and witnessed as described in the official record of the survey of T. 5 S., R. 71 E. Nevada.

N.0°03'W., along the 265th mile.

2.67 E. of line, 2 lks. dist., is the closing cor. of secs. 16 and 21, T. 5 S., R. 71 E., Nevada; an iron post, 2 ins. diam., firmly set, and marked and witnessed as described in the official record.

29.61 Point for the ¼ sec. cor. on the W. bdy. of sec. 2, northing of 40.00 chs. from the closing cor. of secs. 2

DEPENDENT RESURVEY OF A PORTION OF THE UTAH-NEVADA STATE BOUNDARY ALONG THE WEST BOUNDARY OF T. 38 S., R. 20 W.

chains	
	and 11.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on solid rock, supported by a mound of stone, for the ¼ sec. cor., on the W. bdy. of sec. 2; with brass cap marked ¼ NEV | S2 1936
	No suitable accessories available.
42.57	E. of line, 4 lks. dist., is the ¼ sec. cor. on the E. bdy. of sec. 16, T. 5 S., R. 71 E., Nevada.; an iron post, 1 in. diam., firmly set, and marked and witnessed as described in the official record.
61.59	East of line 36 lks. dist. is the closing cor. of Tps. 37 and 38 S., R. 20 W.; an iron post, 3 ins. diam., properly set, and marked and witnessed as described in the official record of the survey of T. 37 S., R. 20 W. The true point for this closing cor. at the intersection with the state boundary is west, 36 lks. dist. As this point falls on unsafe ground, where it is impracticable to set a post, I make the present cor. a witness cor. by adding W C to marks on post.
80.41	The 264th mile post, which is an iron post, 3 ins. diam., firmly set, and marked and witnessed as described in the official record of T. 37 S., R. 20 W., Group 14, Utah.

SURVEY OF THE EAST BOUNDARY OF T. 38 S., R. 20 W.

From the cor. of T. 38 S., Rs. 19 and 20 W., on the S. bdy. of the Tp., which is an iron post, 3 ins. diam., extending 8 ins. above a mound of stone, firmly set, and marked and witnessed as described in the official record of the survey of T. 39 S., R. 19 W., Group 109, Utah.

North, through T. 38 S., between Rs. 19 and 20 W., on a random line, setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs., and at

471.73	Intersect the cor. of Tps. 37 and 38 S., Rs. 19 and 20 W., on the N. bdy. of the Tp., hereinafter described.
	Thence
	From the cor. of T. 38 S., Rs. 19 and 20 W., heretofore described.
	North, on true line, between secs. 31 and 36.
	Over rough, mountainous land, through scattering undergrowth; ascend 75 ft. over a S. slope, along the general E. break of the Beaver Dam Wash.
6.80	Spur projects S. 80° W.; descend 170 ft. along a NW. slope.
18.10	Draw drains W. about 7 chs. to Beaver Dam Wash; ascend 20 ft. along a SE. slope.
21.60	Rocky spur projects S. 60° W.; descend 70 ft. along a NW. slope.

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SURVEY OF THE EAST BOUNDARY OF T. 38 S., R. 20 W.

chains	
23.00	A stream of good water 20 lks. wide, 7 ins. deep, in the bottom of Beaver Dam Wash, flows S. 30° W.; thence up wash.
26.90	Leave wash, flows S. from NW.; ascend steep S. slope 70 ft.
35.10	Rocky spur projects SW. about 2 chs.; descend 40 ft. over a NW. slope.
38.00	Recross Beaver Dam Wash, drains S. 15° W. from N. 5° E.; ascend gradually 40 ft. along the general E. slope of Beaver Dam Wash.
40.00	Near the bottom of Beaver Dam Wash,
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock, and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S36 | S31 1936
	No suitable accessories available.
	Enter medium dense sage brush, service berry, and scrub oak brush; ascend 90 ft. along a general E. slope.
46.50	Rise, from W., slopes E.; descend steep, broken and ledgy E. and NE. slope 100 ft.
60.00	Beaver Dam Wash; a stream of good, clear water, 20 lks. wide, 6 ins. deep, flows S. 80° E. 2 chs., thence S. The wash forms a narrow horseshoe bend about 12 chs. N. 80° W. Ascend along a loose rocky S. and SW. slope.
74.40	Rock draw, 60 ft. deep, drains W.
80.00	On a steep S. slope, 580 ft. above Beaver Dam Wash,
	Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) cut into solid rock, and in a mound of stone, for the cor. of secs. 25, 30, 31, and 36, with brass cap marked
	T38S R20W | R19W S25 | S30 S36 | S31 1936
	Land, rough mountainous, with steep, rocky slopes into Beaver Dam Wash, which drains nearly S.
	Soil, rocky, with very shallow sandy loam and sand along the bottom of the Beaver Dam Wash, with rocky subsoil; 4th rate.
	Timber, a few cottonwood and ash along the bottom of the Beaver Dam Wash.
	Undergrowth, sage brush, live oak, and scrub oak.

SURVEY OF THE EAST BOUNDARY OF T. 38 S., R. 20 W.

chains	
	Poor grazing land, generally, but good grazing along the narrow sandy loam banks of the Beaver Dam Wash.
	North, between secs. 25 and 30.
	Over rough mountainous land, through a scattering growth of timber and undergrowth; ascend 80 ft. over a S. slope.
4.20	Top of abrupt S. slope bears NE. and SW.; gradually ascend along a steep, brushy W. slope, 60 ft. to
13.30	Spur projects N. 70° W.; descend abruptly 300 ft. over a N. slope.
24.40	Draw drains N. 80° W. about 3 chs.; ascend 175 ft. over a S. slope.
29.10	Rock spur projects W.; descend 130 ft. over an abrupt NW. slope, 380 ft. to
37.60	Beaver Dam Wash, a stream of good, clear water, 15 lks. wide, 6 ins. deep, drains SW.; thence along bottom land.
40.00	On bottom land of the Beaver Dam Wash, about 50 lks. W. of stream,
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, and in a mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S25 | S30 1936
	from which
	A juniper, 6 ins. diam., bears N. 60°15' E., 170 lks. dist., marked ¼ S 30 B T.
	A cottonwood, 24 ins. diam., bears N. 50°30' W., 120.1ks. dist., marked ¼ S 25 B T.
	Continue over nearly level bottom land.
43.85	Recross Beaver Dam Wash, drains S. 20° E.
45.20	Leave bottom land of the Beaver Dam Wash, bears N. 30° W. and S. 30° E.; ascend 100 ft. along a SW. slope.
51.70	Top of ascent, on the general W. slope of Beaver Dam Wash; thence along a gradual, rolling, general W. slope; descend 45 ft. to
54.30	Small draw drains S. 80° W.; ascend gradually along the general W. slope, 100 ft. to spur.
66.90	Old, abandoned, single wire telephone line bears N. 35° 43' W., to Acoma, Nevada, and S. 39°09' E. to St. George, Utah; a small swale drains W.
71.30	W. of line, 30 lks. dist., is an open cut, 10 ft. deep, and 23 lks. wide at the face; course and distance of long sides, N. 20° W., 30 lks.

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SURVEY OF THE EAST BOUNDARY OF T. 38 S., R. 20 W.

chains	
71.80	Spur projects S. 60° W.; descend 80 ft. along a steep NW. slope.
75.25	Deep, narrow draw, drains W.; ascend 80 ft.
78.50	Low rise bears S. 80° W. and NE.; descend 15 ft.
79.80	Small draw drains S. 70° W.; ascend gradually, 5 ft. to
80.00	On a general SW. slope, near the bottom of the small draw

Set an iron post, 3 ft. long, 2 ins. diam., over a cross (X) cut into solid bedrock, and supported by a large mound of stone, for the cor. of secs. 19, 24, 25, and 30, with brass cap marked

T38S

R20W | S24	R19W | S19
S25	S30

1936

from which

A juniper, 7 ins. diam., bears N. 19°45' E., 100 lks. dist., marked T 38 S R 19 W S 19 B T.

A juniper, 6 ins. diam., bears S. 74°30' E., 33 lks. dist., marked T 38 S R 19 W S 30 B T.

A juniper, 6 ins. diam., bears S. 17° W., 160 lks. dist., marked T 38 S R 20 W S 25 B T.

A juniper, 6 ins. diam., bears N. 50° W., 165 lks. dist., marked T 38 S R 20 W S 24 B T.

Land, rough mountainous; general drainage and exposure W. on the S. portion, S. on the central portion, and SW. on the N. portion.

Soil, rocky and gravelly, with rocky and shallow sandy clay subsoil; 3rd rate.

Timber, scattering pinon and junipers.

Undergrowth, scattering scrub oak and sage brush.

Fair grazing land.

North, between secs. 19 and 24.

Over rolling and broken mountainous land, through medium dense undergrowth; ascend 50 ft. over a S. slope.

1.60	Top of ascent bears NE. and SW.; descend 55 ft. over a NW. slope.
6.90	Draw drains S. 30° W.; ascend 275 ft. along a general SE. slope.
18.00	Spur slopes W.; descend 300 ft. along a general NW. slope.
32.30	Draw drains W.; ascend 110 ft. over a S. slope.

chains	
38.80	Top of ascent from draw bears E. and W.; thence along a gradual W. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground on a cross (X) marked on solid rock, and in a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S24 | S19 1936 W from which A pinon, 6 ins. diam., bears N. 77°45' E., 86 lks. dist., marked ¼ S 19 B T. A pinon, 7 ins. diam., bears N. 34°15' W., 118 lks. dist., marked ¼ S 24 B T.
	Descend 80 ft. along a general W. slope to
58.20	Draw, and small seep of alkali water, drains SW.; ascend 65 ft. along a general SE. slope.
64.90	Top of ascent on E. slope; continue over rolling E. slope.
80.00	On E. slope, Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on solid rock, and supported by a mound of stone, for the cor. of secs. 13, 18, 19, and 24, with brass cap marked T38S R20W | R19W S13 | S18 S24 | S19 1936
	No suitable accessories available
	Land, rolling and broken mountainous; general SW. exposure and drainage.
	Soil, shallow, sandy loam, with rocky clay subsoil; 3rd and 4th rate.
	Timber, medium dense pinon and juniper.
	Undergrowth, medium dense sage brush, black oak, service berry, bitterbrush, and browse.
	Good grazing land.
	North, between secs. 13 and 18.
	Over rolling and broken mountainous land, through medium dense timber and undergrowth. Descend 10 ft. along a general E. slope.
3.50	Small draw drains S. 10° E.; ascend 260 ft. along a SE. slope.

SURVEY OF THE EAST BOUNDARY OF T. 38 S., R. 20 W.

chains	
21.90	Top of ascent, on E. slope, ascends NW.; descend 50 ft. along a NE. slope.
24.90	Draw drains S. 80° E.; ascend 140 ft. along a steep SW. slope.
29.30	Base of white, rocky ledge bears N. 80° W. and E.; ascend abruptly 90 ft. over ledge.
30.70	Top of ledge, on ridge, bears N. 80° W. and E.; descend 260 ft. over N. slope, white rock ledges, bearing E. and W., to Cougar Canyon.
36.30	Leave white rock ledges, bear E. and W.
38.30	Cougar Canyon drains NW.; ascend 25 ft. along a steep SW. slope.
40.00	Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground on solid rock, and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked S13 | S18 1936 from which A juniper, 4 ins. diam., bears N. 59°30' E., 40 lks. dist., marked ¼ S 18 B T. A juniper, 4 ins. diam., bears N. 21°30' W., 30 lks. dist., marked ¼ S 18 B T. Continue ascent of 240 ft. along a SW. to S. slope.
55.20	High spur projects W. about 7 chs. to end.; descend broken, rocky, general N. slope 205 ft.
62.80	Gulch drains N. 70° W. about 4 chs., thence SW.; ascend 160 ft. over a S. slope.
71.00	Spur projects S. 60° W.; descend 100 ft. along a NW. slope.
75.00	Large draw drains SW.; ascend 110 ft. over a S. slope of white and pink rock formations.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and supported by a mound of stone, for the cor. of secs. 7, 12, 13, and 18, with brass cap marked T38S R20W | R19W S12 | S7 S13 | S18 1936 from which A juniper, 15 ins. diam., bears N. 25°15' W., 53 lks. dist., marked T 38 S R 19 W S 7 B T. A pinon, 6 ins. diam., bears S. 6°15' W., 64 lks.

chains	
	dist., marked T 38 S R 19 W S 18 B T.
	A juniper, 15 ins. diam., bears S. 69°15' W., 148 lks. dist., marked T 38 S R 20 W S 13 B T.
	A juniper, 10 ins. diam., bears N. 41°30' W., 95 lks. dist., marked T 38 S R 20 W S 12 B T.
	Land, rolling and broken mountainous, S. portion; rough mountainous, N. portion; general drainage and exposure SE. on the S. portion; W. on the N. portion.
	Soil, shallow loam, with rocky subsoil; 3rd rate.
	Timber, medium dense pinon and juniper.
	Undergrowth, medium dense sage brush, service berry, bitter brush, cat claw, and browse.
	Poor grazing land.
	North, between secs. 7 and 12.
	Over rough mountainous land, through medium dense timber and undergrowth. Ascend over a general S. slope.
14.80	Low, flat spur, slopes SW.; continue ascent over W. and SW. slopes.
27.40	Ridge, 490 ft. above sec. cor., bears SW. and N. 30° E.; descend 30 ft.
32.50	Depression on W. slope drains W.; ascend gradually 70 ft. along a SW. slope to red rise.
39.00	Leave medium dense, enter scattering juniper and pinon.
40.00	On a rocky red rise, on a W. slope,
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground on solid rock, and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S12 | S7 1936
	from which
	A juniper, 5 ins. diam., bears S. 6°15' E., 103 lks. dist., marked ¼ S 7 B T.
	A juniper, 4 ins. diam., bears S. 51°30' W., 61 lks. dist., marked ¼ S 12 B T.
	Continue gradual ascent along a W. slope.
44.30	High point on W. slope bears E. to ridge; descend 390 ft. over a steep N. to NW. slope to Sheep Canyon.
57.20	Stream of good water, 2 lks. wide, 2 ins. deep, in bottom of Sheep Canyon, drains S. 70° W.; ascend steep, rocky S. slope.
63.25	Top of nearly vertical white ledge, 60 ft. high, bears E. and W.

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SURVEY OF THE EAST BOUNDARY OF T. 38 S., R. 20 W.

chains	
66.90	Leave white rock outcrops, bears E. and W.
77.30	Ridge, 500 ft. above canyon, bears S. 70° W. and E.; thence over rolling top of ridge.
80.00	On an E. slope, on ridge,

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground on solid rock, and supported by a mound of stone, for the cor. of secs. 1, 6, 7, and 12, with brass cap marked

T38S

R20W	R19W
S1	S6
S12	S7

1936

from which

A juniper, 6 ins. diam., bears N. 71° E., 376 lks. dist., marked T 38 S R 19 W S 6 B T.

A juniper, 8 ins. diam., bears S. 60° E., 155 lks. dist., marked T 38 S R 19 W S 7 B T.

A pinon, 12 ins. diam., bears S. 66° W., 126 lks. dist., marked T 38 S R 20 W S 12 B T.

A pinon, 8 ins. diam., bears N. 56°30' W., 186 lks. dist., marked T 38 S R 20 W S 1 B T.

Land, rough mountainous; general W. drainage and exposure

Soil, rocky, with very shallow sandy clay; 4th rate.

Timber, scattering to medium dense pinon and juniper, with a few cottonwood and ash along the bottom of Sheep Canyon.

Undergrowth, sage brush, cat claw, black oak, service berry, manzanita, and browse; a few willows along the bottom of Sheep Canyon.

Fair grazing land.

North, between secs. 1 and 6.

Over rolling and broken mountainous land, through scattering timber and medium dense undergrowth; descend 115 ft. along a general NE. slope.

8.50	Draw drains N. 60° E.; ascend gradually 25 ft. along a SE. slope.
14.20	Low spur projects N. 30° E.; descend along a NW. slope.
18.30	Leave scattering, enter medium dense juniper and pinon, bears NE. and SW.
36.60	Base of descent on a W. slope, 110 ft. below spur, slopes NW.; ascend 15 ft. along a SW. slope.
40.00	On a gradual SW. slope on rolling bench land;

SURVEY OF THE EAST BOUNDARY OF T. 38 S., R. 20 W.

chains	
	Set an iron post, 3 ft. long, 1 in. diam., 12 ihs. in the ground to solid rock, and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S1 | S6 1936
	from which
	A juniper, 10 ins. diam., bears N. 87° E., 42 lks. dist., marked ¼ S 6 B T.
	A juniper, 10 ins. diam., bears S. 70° W., 26 lks. dist., marked ¼ S 1 B T.
	Continue gradual ascent along a W. slope.
42.90	Spur projects N. 20° W.; descend gradually, 415 ft. over a NE. slope.
71.73	Intersect the cor. of Tps. 37 and 38 S., Rs. 19 and 20 W., which is an iron post, 3 ins. diam., extending 6 ins. above a small mound of stone, firmly set, and marked and witnessed as described in the official record of the survey of T. 37 S., R. 19 W., Group 14, Utah.
	Land, rolling and broken mountainous; general N. drainage and exposure.
	Soil, shallow loam, with a rocky subsoil; 2nd and 3rd rate.
	Timber, scattering to medium dense pinon and juniper.
	Undergrowth, sage brush, service berry, and browse.
	Fair grazing land.

SUBDIVISION OF T. 38 S., R. 20 W.

From the cor. of secs. 35 and 36, on the S. bdy. of the Tp., which is an iron post, 2 ins. diam., extending 10 ins. above a mound of stone, firmly set, and marked and witnessed as described in the official record of the survey of T. 39 S., R. 20 W., Group 109, Utah.

Thence,

N. 0°01' W., between secs. 35 and 36.

	Over rough mountainous land, through medium dense undergrowth; ascend abruptly 160 ft. over a S. slope.
7.80	Rocky spur projects SE.; continue over nearly level land along top of spur.
8.90	Leave nearly level top of spur, bears NW. and SE.; descend 110 ft. along a NE. slope.
16.00	Draw, 30 lks. wide, drains SE.; ascend abruptly 160 ft. along a steep SW. slope.
21.50	Spur projects S. 75° E.; descend abruptly 180 ft. along A steep NW. slope.

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
32.30	Draw drains S. 80° E.; ascend 110 ft. over a S. slope.
38.30	Spur projects E.; descend 30 ft. over a N. slope.
40.00	Near top of spur, on a N. slope,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in th ground and in a small mound of stone, for the ¼ sec. cor with brass cap marked
	¼ S35 | S36 1936
	from which
	A juniper, 6 ins. diam., bears S. 76°45' E., 127 lks. dist., marked ¼ S 36 B T.
	A juniper, 15 ins. diam., bears N. 16°45' W., 65 lks. dist., marked ¼ S 35 B T.
	Continue descent of 80 ft. over a N. slope.
43.00	Draw drains E. about 2 chs.; thence SE.; ascend 70 ft. over a S. to SW. slope.
49.20	Spur projects SE.; enter scattering juniper, bears NW. and SE.; descend abruptly 210 ft. along a NW. slope.
63.40	Draw drains S. 60° E.; ascend 90 ft. along a SW. slope.
68.70	Spur projects S. 60° E.; descend gradually 20 ft., along a NE. slope.
72.30	Ravine drains S. 50° E.; ascend 70 ft. along a SW. slope.
79.70	Spur projects SW.; ascend gradually along a SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, on a cross (X) marked in solid rock, for the cor. of secs. 25, 26, 35, and 36, with brass cap marked
	T38S | R20W S26 | S25 S35 | S36. 1936
	from which
	A juniper, 6 ins. diam., bears N. 63°45' E., 118 lks. dist., marked T 38 S., R. 20 W. S 25 B T.
	A juniper, 6 ins. diam., bears S. 46°30' E., 79 lks. dist., marked T 38 S R 20 W S 36 B T.
	A juniper, 5 ins. diam., bears S. 47°15' W., 150 lks. dist., marked T 38 S R 20 W S 35 B T.
	A juniper, 4 ins. diam., bears N. 39°15' W., 120 lks. dist., marked T 38 S R 20 W S 26 B T.
	Land, rough mountainous; general SE. drainage and exposure.

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	Soil, rocky loam, with a sandy clay subsoil; 2nd and 3rd rate. Timber, scattering junipers. Undergrowth, medium dense black oak, service berry, sage brush, and browse. Good grazing land.
	East, on a random line, between secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect the E. bdy. of the Tp., 33 lks. N. of the cor. of secs. 25, 30, 31, and 36, heretofore described.
	Thence N. 8°46' W., on true line, between secs. 25 and 36. Over rough, mountainous land, through scattering timber and medium dense undergrowth; descend abruptly 510 ft. along a general, rocky W. slope.
14.00	E. bank of Beaver Dam Wash bears N. and S.; thence across,
16.10	A stream of water, 20 lks. wide, 5 ins. deep, drains S.
18.00	W. bank of Beaver Dam Wash bears N. and S.; ascend abruptly 700 ft. over a steep, rocky NE. slope.
34.50	W. rim of Beaver Dam Wash bears N. 20° W. and S. 20° E.; descend 140 ft. along a W. slope.
39.88	Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground, on a cross (X) marked in solid rock, and in a small mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S25 / S36 1936 from which A juniper, 4 ins. diam., bears N. 38°15' W., 76 lks. dist., marked ¼ S 25 B T. A juniper, 5 ins. diam., bears S. 67°15' W., 130 lks. dist., marked ¼ S 36 B T. Continue descent of 280 ft. along a W. to SW. slope.
55.10	Ravine drains SE.; ascend 140 ft. along a NE. slope.
52.10	Spur projects S. 10° E.; descend 80 ft. along a SW. slope.
77.00	Top of rise, projects S.; descend W. slope.
79.76	The cor. of secs. 25, 26, 35, and 36.
	Land, rough mountainous, E. portion, rolling mountainous, W. portion; general S. drainage and exposure, E. portion, SE. drainage and exposure, W. portion.

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SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	Soil, rocky loam, with a rocky clay subsoil; 4th rate. Timber, scattering juniper and pinon. Undergrowth, medium dense black oak, sage brush, service berry, and browse. Fair grazing land.
	West, on true line, between secs. 26 and 35. Over rolling mountainous land, through scattering timber and medium dense undergrowth; descend 20 ft. along a SW. slope.
8.00	Base of descend and drain, drains SW.; ascend 90 ft. along NE. slope.
20.60	Rise bears N. and S.; descend 30 ft. along a SW. slope.
24.30	Intersect the Utah-Nevada State Boundary. Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, over a cross (X) marked on solid rock, and supported by a mound of stone, for the closing cor. of secs. 26 and 35, with brass cap marked T38S S26 C MRV S35 C R20W 1936 from which A juniper, 6 ins. diam., bears N. 51°45' E., 102 lks. dist., marked T 38 S R 20 W S 26 B C B T. A juniper, 5 ins. diam., bears S. 41°45' E., 105 lks. dist., marked T 38 S R 20 W S 35 C C B T. From this point, the 269th mile cor. bears N. 0°19' E., 19.00 chs. dist. Land, rolling mountainous; general SE. drainage and exposure. Soil, shallow, rocky loam, with rocky clay subsoil; 3rd rate. Timber, scattering juniper and pinon. Undergrowth, medium dense black oak, sage brush, service berry, and browse. Good grazing land.
	From the cor. of secs. 25, 26, 35, and 36. N. 0°01' W., between secs. 25 and 26. Over rolling mountainous land, through scattering timber and medium dense undergrowth; ascend 130 ft. over a S.

SUBDIVISION OF T. 38 S., R. 20 W.,

Chains	
	slope.
19.50	Spur, projects SE.; continue gradual ascent along an E. slope.
33.20	Small branch of spur, projects E.; descend 40 ft. over a N. slope.
35.70	Swale, drains E.; continue over a series of small spurs and washes, draining SE.
40.00	On a SE. slope.
	Set an iron post, 3 ft. long, 1 in.diam., 18 ins. in the ground on solid rock, and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S26 | S25 1936 from which
	A juniper, 5 ins. diam., bears S.84°45'E., 44 links dist., marked ¼ S 25 B T
	A juniper, 5 ins. diam., bears N.82°15'W., 62 links dist., marked ¼ S 26 B T
	Ascend 30 ft. along a general SE. slope, over a series of small spurs and washes, draining SE.
54.30	Spur, projects SE.; descend 25 ft. along a NE. slope.
57.50	Main ravine, drains S.30°E.; ascend 130 ft. along a general, broken SE. slope.
80.00	On rolling bench land.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground over a cross marked on solid rock, and supported by a mound of stone, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked T38S | R20W S23 | S24 S26 | S25 1936 from which
	A pinon, 5 ins. diam., bears N.62°15'E., 97 links dist., marked T 38 S R 20 W S 24 B T
	A juniper, 5 ins. diam., bears N.69°45'W., 174 links dist., mkd. T 38 S R 20 W S 23 B T
	No other trees suitable for marking available.
	Land, rolling mountainous bench land; general SE. drainage and exposure.
	Soil, loam, with rocky clay subsoil; 2nd and 3rd rate.
	Timber, scattering junipers.
	Undergrowth, medium dense live oak, service berry, cat-

SUBDIVISION OF T. 38 S., R. 20 W.

Chains	
	claw, and browse.
	Good grazing land.
	S.89°46'E., on a random line, bet. secs. 24 and 25.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect the E. boundary of the Tp. 5 links S. of the cor. of secs. 19, 24, 25, and 30, heretofore described.
	Thence
	N.89°48'W., on a true line, between secs. 24 and 25.
	Over rolling mountainous land, through scattering timber and medium dense undergrowth; descend 90 ft. over a W. slope.
4.30	Draw, drains SW.; ascend 70 ft. over an E. slope.
6.50	Low, rocky spur, projects S.; descend abruptly 120 ft. along a SW. slope to Beaver Dam Wash.
9.80	Old, abandoned, single-wire telephone line, bears N.45° W. to Acoma, Nevada, and S.45°E. to St. George, Utah.
10.30	E. bank of Beaver Dam Wash, bears S.60°E. and N.60°W.
19.60	A stream of good water in Beaver Dam Wash, 20 links wide, 5 ins. deep, drains S.60°E.; ascend 360 ft. along a broken NE. slope.
39.92	On a small, flat bench land.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S24 / S25 1936
	from which
	A juniper, 10 ins. diam., bears N.49°45'E., 182 links dist., marked ¼ S 24 B T
	A juniper, 10 ins. diam., bears S.21°45'E., 161 links dist., marked ¼ S 25 B T
	Continue ascent of 260 ft. along a broken NE. slope.
57.50	Spur, projects NE.; descend gradually 25 ft. along a NW. slope.
64.80	Head of draw, drains NE.; ascend 30 ft. along a SE. slope
65.70	SW. rim of Beaver Dam Wash, bears NW. and SE.; enter rolling bench land, bears NW. and SE.; descend 135 ft. along a SW. slope.
79.84	The cor. of secs. 23, 24, 25, and 26.
	Land, rolling mountainous bench land, W. portion; rough

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	mountainous, E. portion. Soil, loam, with rocky clay subsoil; 3rd and 4th rate. Timber, scattering juniper and pinon, and a few large co[illegible]onwood along the bottom of Beaver Dam Wash. Undergrowth, medium dense live oak, cat claw, service berry, and browse. Good grazing land.
	West, on true line, between secs. 23 and 26. Over rolling mountainous bench land, throughscattering timber and dense to medium dense undergrowth; ascend gradually 60 ft. along a general SE. slope.
8.60	Low spur projects S. 30° E.; descend 50 ft. along a SW. slope.
16.20	Ravine drains S. 50° E.; ascend gradually 10 ft. along bottom of small draw, draining E.
23.80	Intersect the Utah-Nevada State Boundary line. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the closing cor. of secs. 23 and 26, with brass cap marked T38S S23 C NEV S26 C R20W 1936 raise a mound of stone, 3 ft. base, 1½ ft. high, E. of cor. From this cor., the closing cor. of Tps. 5 and 6 S., R. 71 E., M. D. M., Nevada, bears N. 0°19' E., 12.67 chs. dist. From the same point, the 268th mile cor. bears N. 0°19' E., 19.08 chs. dist. Land, rolling mountainous bench land; general S[illegible]. drainage and exposure. Soil, loam, with a rocky clay subsoil; 2nd and 3rd rate. Timber, scattering juniper. Undergrowth, dense to medium dense live bak, cat claw, service berry, and browse. Fair grazing land.
	From the cor. of secs. 23, 24, 25, and 26. N. 0°01' W., between secs. 23 and 24. Over rolling bench land, through scattering timber and

chains	
	medium dense undergrowth; ascend 85 ft. along a S. slope
11.70	SW. rim of Beaver Dam Wash bears NW. and SE.; descend 30 ft. over a N. slope.
14.00	Draw drains E. about 8 chs. to junction with draw draining NE.; ascend 80 ft. along a S. slope.
18.10	Spur projects E. about 8 chs., thence NE.; commence descent of 25 ft. along the general SW. break of Beaver Dam Wash, over a N. slope.
20.50	Base of depression slopes E.; ascend gradually along a S. slope.
22.10	Small spur projects E.; descend abruptly 265 ft. over a steep N. slope.
30.70	Leave N. slope; continue descent of 150 ft. along a W. slope.
36.10	Draw drains N. 20° E.; ascend 15 ft. along a SE. slope.
39.50	Spur projects N. 20° E.; descend 10 ft. along a NW. slope
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked ¼ S23 | S24 1936 from which A juniper, 15 ins. diam., bears N. 46° E., 32 lks. dist., marked ¼ S 24 B T. A juniper, 18 ins. diam., bears N. 14°45' W., 56 lks. dist., marked ¼ S 23 B T. Continue descent of 30 ft. along a W. slope.
43.70	SW. bank of Beaver Dam Wash bears N. 60° W. and S. 60° E.; descend NW. slope.
51.70	Beaver Dam Wash; a stream of good water in a gravelly cobblestone bed, 35 lks. wide, 4 ins. deep, flows S. 60° E.; continue along a nearly level, rocky wash bottom.
57.60	NE. bank of Beaver Dam Wash bears N. 60° W. and S. 60° E.; ascend 140 ft. along a SE. slope to top of rise.
64.30	Small gully drains SW.
73.50	Rise bears NE. and SW.; descend gradually along a SW. slope, through a medium dense growth of juniper.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the cor. of secs. 13, 14, 23, and 24, with brass cap marked T38S | R20W S14 | S13 S23 | S24 1936

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	from which
	A juniper, 8 ins. diam., bears N. 33° E., 125 lks. dist., marked T 38 S R 20 W S 13 B T.
	A juniper, 10 ins. diam., bears S. 82° E., 202 lks. dist., marked T 38 S R 20 W S 24 B T.
	A juniper, 8 ins. diam., bears S. 20°30' W.,67 lks. dist., marked T 38 S R 20 W S 23 B T.
	A pinon, 12 ins. diam., bears N. 38°45' W., 175 lks. dist., marked T 38 S R 20 W S 14 B T.
	Land, rolling mountainous, S. portion; rough mountainous, N. portion; general exposure and drainage, 1st 50 chs., NE.; remainder of mile, SW.;
	Soil, loam, with gravel along the Beaver Dam Wash; rocky clay subsoil; 3rd and 4th rate.
	Timber, scattering juniper and pinon.
	Undergrowth, medium dense live oak, service berry, scrub oak, and browse.
	Good grazing land.
	S. 89°48' E., on a random line, between secs. 13 and 24.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect the E. bdy. of the Tp., 7[illegible] lks. S. of the Cor. of secs. 13, 18, 19, and 24.
	Thence
	N. 89°51' W., on a true line between secs. 13 and 24.
	Over rough mountainous land, through scattering timber and medium dense undergrowth; ascend 300 ft. along an E. to NE. slope.
13.40	Spur projects SE. from a high peak about 10 chs. NW.; descend gradually along a NW. slope.
15.80	Spur projects S. 50° W. from high peak to the NW.; continue descent of 130 ft. along a NW. slope.
22.20	Draw drains S. 50° W.; ascend gradually along a general SE. slope.
28.00	Spur projects S. 20° W.; descend 30 ft. over a NW. slope.
30.50	Ravine drains S. 10° W.; ascend 35 ft. over a SE. slope.
34.12	Top of spur, projects S.20°W.; descend west slope.
39.93	On gradual W. slope,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, and in a small mound of stone, for the ¼ sec. cor., with brass cap marked
	¼ S13 / S24
	1936

U. S. GOVERNMENT PRINTING OFFICE 6—6156

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	from which
	A juniper, 10 ins. diam., bears S. 63° E., 58 lks. dist., marked ¼ S 24 B T.
	No other accessories available.
	Continue gradual descent of 150 ft. over a W. slope.
51.50	Draw drains S.; ascend 15 ft. over an E. to SE. slope.
58.40	Spur projects S. 10° W.; descend 120 ft. over a W. slope
63.70	Draw drains S. 5° W. about 5 chs., thence S. 20° W. to Beaver Dam Wash; ascend 90 ft. along a SE. slope.
68.00	Spur projects S. 10° W.; enter scattering pinons, bear N. and S.; descend 125 ft. over a W. slope.
74.60	Draw drains S. 15° W. to Beaver Dam Wash; ascend 25 ft. along a SE. slope.
76.50	Rise bears NE. and SW.; continue over nearly level land.
77.10	Leave level land; descend 90 ft. along a steep NW. slope to the sec. cor.
78.30	Single wire telephone line bears N. 38°45' W. to Acoma, Nevada, and S. 38°45' E. to St. George, Utah.
79.86	The cor. of secs. 13, 14, 23, and 24.
	Land, rough mountainous; general drainage and exposure SW.
	Soil, loam, with rocky clay subsoil; 3rd and 4th rate.
	Timber, scattering pinon and juniper.
	Undergrowth, medium dense live oak, cat claw, black oak, service berry, and browse.
	Fair grazing land.

	West, on a true line, between secs. 14 and 23.
	Over rough mountainous land, through medium dense undergrowth; descend 20 ft. along a NW. slope.
3.20	Draw drains SW. to Beaver Dam Wash; ascend 35 ft. along a SE. slope.
7.40	Spur projects S. 20° W.; descend 60 ft. along a NW. slope.
13.40	Draw drains SE. about 7 chs., thence SW.; ascend 40 ft. along a SE. slope.
17.20	Spur projects SW.; enter scattering juniper and pinon; descend 80 ft. along a NW. slope.
24.24	Intersect the Utah-Nevada State Boundary Line.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for the closing cor. of secs. 14 and 23, with brass cap marked

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	T38S S14 C NEV. | C S23 R20W 1936
	from which
	A pinon, 8 ins. diam., bears S. 53°30' E., 94 lks. dist., marked T 38 S R 20 W S 23 C C B T.
	A juniper, 6 ins. diam., bears N. 62°45' E., 182 lks. dist., marked T 38 S R 20 W S 14 C C B T.
	From this cor., the closing cor. of secs. 21 and 28, T. 5 S., R. 71 E., M. D. M., Nevada, bears N. 0°11' E., 13.15 chs. dist.
	From the same point, the 267th mile cor. bears N. 0°11' E., 23.18 chs. dist.
	Land, rough mountainous; general SW. drainage and exposure.
	Soil, loam, with rocky clay subsoil; 2nd and 3rd rate.
	Timber, scattering juniper and pinon.
	Undergrowth, medium dense service berry, cat claw, black oak, live oak, manzanita, and browse.
	Good grazing land.
	From the cor. of secs. 13, 14, 23, and 24.
	N. 0°01' W., between secs. 13 and 14.
	Over rough mountainous land, through scattering timber and medium dense undergrowth; ascend 250 ft. along a broken, general SW. slope to the SE. rim of Cougar canyon.
1.70	Single wire telephone line bears N. 38°45' W. to Acoma, Nevada, and S. 38°45' E. to St. George, Utah.
3.20	Draw, drains SW.
7.40	Spur, 90 ft. above the sec. cor., projects W.; descend gradually.
18.20	Draw, 20 ft. deep, drains SW. to Beaver Dam Wash; ascend 160 ft. along a SE. slope.
26.90	Long spur, forming the SE. rim of Cougar canyon, projects SW.; descend 110 ft. along a NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brasscap marked
	¼ S14 | S13 1936
	from which

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chains	
	A pinon, 18 ins. diam., bears S. 18°45' E., 192 lks. dist., marked ¼ S 13 B T.
	A juniper, 4 ins. diam., bears N. 24°30' W., 59 lks. dist., marked ¼ S 14 B T.
	Continue descent of 10 ft. along a NW. slope.
42.30	Cougar canyon drains SW.; continue along rocky, sandy bottom land.
44.00	NW. edge of Cougar canyon bears NE. and SW.; ascend 225 ft. over a S. slope.
54.90	Spur projects SE.; descend 90 ft. along a NE. slope.
62.70	Base of descent bears E. and W.; ascend 10 ft. over nearly level land.
67.40	Saddle on rocky rise bears E. and W.; descend slightly.
68.80	Small ravine drains NW.; ascend 110 ft. along a SW. to W. slope.
80.00	On a W. slope,
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and supported by a mound of stone, for the cor. of secs. 11, 12, 13, and 14, with brass cap marked

T38S | R20W	
S11	S12
S14	S13

1936

from which

A juniper, 5 ins. diam., bears N. 69°15' E., 169 lks. dist., marked T 38 S R 20 W S 12 B T.

A juniper, 6 ins. diam., bears S. 60°15' E., 41 lks. dist., marked T 38 S R 20 W S 13 B T.

A pinon, 6 ins. diam., bears S. 56°30' W., 25 lks. dist., marked T 38 S R 20 W S 14 B T.

A juniper, 7 ins. diam., bears N. 19°45' E., 127 lks. dist., marked T 38 S R 20 W S 11 B T.

Land, rough mountainous; general drainage and exposure on S. portion, SW; on N. portion, W.

Soil, loam, with a rocky clay subsoil; 2nd and 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, medium dense manzanita, live oak, sage brush, service berry, cat claw, and browse.

Good grazing land.

S. 89°51' E., on a random line, between secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
79.86	Intersect the E. bdy. of the Tp., 2 lks. S. of the cor. of secs. 7, 12, 13, and 18.
	N. 89°52' W., on true line, between secs. 12 and 13.
	Over rough mountainous land, through scattering timber and medium dense undergrowth; ascend 70 ft. along a SE. slope.
6.00	Spur projects SW.; descend 100 ft. along a NW. slope.
20.70	Draw drains SW.; ascend 70 ft. over a SE. to E. slope.
29.00	Saddle on top of rise bears about N. and S.; descend 80 ft. over a W. to SW. slope to the ¼ sec. cor.
33.70	Small ravine, near head, drains NW.
36.00	Small spur projects NW.
39.93	On a SW. slope,
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock, and supported in a large mound of stone, for the ¼ sec. cor., with brass cap marked
	$\frac{1}{4}\ \frac{S12}{S13}$
	1936
	from which
	A juniper, 4 ins. diam., bears N. 72°45 'E., 51 lks. dist., marked ¼ S 12 B T.
	A juniper, 8 ins. diam., bears S. 71°45' W., 66 lks. dist., marked ¼ S 13 B T.
	Continue descent along a N. slope, 85 ft.
43.10	Small ravine, near head, drains N. about 10 chs., thence NW.; continue descent of 40 ft. along a N. slope.
50.00	Rise from S. slopes NW.; descend 15 ft. along a SW. slope.
52.20	Draw drains SW.; ascend 100 ft. over a broken S. to SE. slope.
61.50	Rise from SW. bears N. 80° E.; ascend 45 ft. over white rock ledges.
70.90	White rock ledge bears N. 75° W. and S. 60° E.; continue over level ledges.
72.10	Leave ledges, bears N. and S. 60° E.; descend abruptly 220 ft. over a precipitous W. to SW. slope.
79.86	The cor. of secs. 11, 12, 13, and 14.
	Land, rough mountainous; general drainage and exposure, SW. on the E. portion, NW. on the central portion, and W. on the W. portion.
	Soil, loam and clay, rocky on W. portion, with a rocky clay subsoil; 3rd and 4th rate.

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. SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	Timber, scattering juniper and pinon.
	Undergrowth, medium dense live oak, sage brush, manzanita scrub oak, and browse.
	Fair grazing land.
	West, on true line, between secs. 11 and 14.
	Over rolling mountainous land, through scattering timber and medium dense undergrowth; descend 200 ft. along the top of a low, flat spur, projecting W.
17.30	End of spur projecting from the E.; descend abruptly 40 ft. over a rocky NW. slope.
18.70	Wash, solid rock bottom, with a stream of water, 1 lk. wide, 2 ins. deep, flows SW. about 3 chs. to junction wit a ravine from the E.; continue descent of 30 ft. along a rocky W. slope, through dense vines, black oak, and brush.
19.80	Draw drains W.
23.98	Intersect the Utah-Nevada State Boundary line.
	Point for the closing cor. of secs. 11 and 14 falls in a small stream, in wash 10 ft. deep, 15 lks. wide, at which point it is impracticable to set cor. monument.
	At a point N. 0°11' E., 22 lks. dist. from the point for the closing cor. of secs. 11 and 14,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the witness cor. to the closing cor. of secs. 11 and 14, with brass cap marked

T38S
S11 C
NEV
S14 C
R20W
WC
1936

from which

An ash, 8 ins. diam., bears N. 70°15' E., 102 lks. dist., marked T 38 S R 20 W S 11 W C C C B T

From the true point for this cor., the closing cor. of secs. 21 and 28, T. 5 S., R. 71 E., M. D. M., Nevada, bears N. 0°11" E., 12.89 chs. dist.

From the same point, the 266th mile cor. bears N. 0°11' E., 17.39 chs. dist.

Land, rough mountainous, with precipitous rocky ledges on W. portion; general drainage and exposure W.

Soil, shallow loam, with rocky subsoil; 2nd and 3rd rate.

Timber, scattering juniper, pinon, and ash.

Undergrowth, medium dense scrub oak, manzanita, wild grape, sage brush, and browse.

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	Good grazing land.
	From the cor. of secs. 11, 12, 13, and 14.
	N. 0°01' W., between secs. 11 and 12.
	Over rough mountainous land, through scattering timber and medium dense undergrowth; ascend 20 ft. along a SW. slope.
2.30	Top of ascent slopes W. from E.; undergrowth becomes less dense, bears E. and W.; descend gradually 50 ft. over a N. slope.
6.20	Commence descent of 105 ft. along a NW. slope.
10.00	Draw, and stream of good, clear water, 1 lk. wide, 1 in. deep, flows SW.; ascend 15 ft. along a SE. slope.
10.50	Small seep spring bears W., 10 lks. dist.; continue ascent of 30 ft. along a S. slope.
12.60	Small spur projects W.; descend gradually along a N. to NW. slope.
13.60	Draw drains S. 30° W.; enter live oak undergrowth, bears E. and W.; ascend 110 ft. along a SW. slope.
20.50	Change of slope; continue ascent of 100 ft. along a SE. slope.
27.00	Top of ascent slopes SE.; descend 60 ft. along a NE. slope.
30.00	Small draw drains S. 30° E.; ascend 170 ft. over a N. slope.
40.00	Set an iron post, 3 ft. long, 1 ins. diam., 14 ins. in the ground on a cross (X) marked on solid rock, and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked ¼ S11 | S12 1936 from which A juniper, 4 ins. diam., bears S. 27°45' E., 49 lks. dist., marked B T. A juniper, 3 ins. diam., bears N. 36°15' E., 41 lks. dist., marked B T. Continue ascent of 230 ft. over a steep S. slope.
48.00	S. rim of Sheep Spring canyon bears E. and W.; descend 800 ft. over an abrupt, rocky N. slope.
63.80	Sheep Spring canyon drains SW.; ascend 425 ft. over a S. slope, to the sec. cor.
79.50	Base of white ledge 150 ft. high bears E. and N. 75° W.

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground over a cross (X) marked on solid rock, and supported by a mound of stone, for the cor. of secs. 1, 2, 11, and 12, with brass cap marked T38S | R20W S2 | S1 S11 | S12 1936 from which A pinon, 12 ins. diam., bears N. 78° E., 230 lks. dist., marked T 38 S.R 20 W S 1 B T. A pinon, 6 ins. diam., bears S. 14° E., 66 lks. dist. marked T 38 S R 20 W S 12 B T. A juniper, 5 ins. diam., bears N. 60°30' W., 104 lks. dist., marked T 38 S R 20 W S 2 B T. No other accessories available. Land, rough mountainous; general drainage and exposure SW. Soil, shallow loam, with rocky subsoil; 2nd and 3rd rate. Timber, scattering ash, juniper, and pinon, and a few cottonwood along the bottom of Sheep Canyon. Good grazing land.
	S. 89°52' E., on a random line, between secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect the E. bdy. of the Tp., 18 lks. S. of the cor. of secs. 1, 6, 7, and 12. Thence, West, on a true line, between secs. 1 and 12. Over rolling mountainous bench land, through scattering timber and medium dense unsergrowth; ascend 40 ft. over an E. slope.
1.30	Rise from SW. slopes N.; continue ascent of 30 ft. over an E. slope.
11.80	Rise from S. slopes N.; descend 120 ft. over a W. to NW. slope.
17.80	Ravine drains NE.; ascend 260 ft. over a SE. to E. slope.
27.10	Ridge bears NW. and SE.; a spur projects NE.; descend 160 ft. over a W. slope.
39.94	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock, and supported by a mound of stone, for the ¼ sec. cor., with brass cap marked

SUBDIVISION OF T. 38 S., R. 20 W.

chains	
	$\frac{S1}{S12}$
	1936
	from which
	A pinon, 6 ins. diam., bears N. 10°45' E., 34 lks. dist., marked ¼ S 1 B T.
	A pinon, 6 ins. diam., bears S. 19°45' E., 164 lks. dist., marked ¼ S 12 B T.
	Descend 40 ft. along a NW. slope.
47.70	Draw drains SW.; ascend 50 ft. over broken, rocky bench land.
51.40	NE. rim of Sheep [illegible] canyon, and SW. edge of rolling bench land, bears N. 70° W. and E.; descend 290 ft. along a steep, rocky S. slope over a series of white and red rock ledges.
79.88	The cor. of secs. 1, 2, 11, and 12.
	Land, rolling bench land, E. portion, rough mountainous, W. portion; general drainage and exposure NW. on E. portion, SW. on W. portion.
	Soil, shallow loam with a rocky subsoil; 2nd and 3rd rate.
	Timber, scattering juniper and pinon.
	Undergrowth, dense to medium dense sage brush, scrub oak, live oak, manzanita, and browse.
	Fair grazing land.

	West, on a true line, between secs. 2 and 11.
	Over rough mountainous land, through medium dense undergrowth; descend 160 ft. along a broken S. slope, over white rock ledges bearing N. 80° W. and S. 80° E.
23.90	Intersect the Utah-Nevada State Boundary line.
	Set an iron post, 3 ft. long, 2 in diam., 27 ins. in the ground for the closing cor. of secs. 2 and 11, with brass cap marked
	NEV | T38S S2 C / S11 C R20W
	1936
	raise a mound of stone, 4 ft. base, 2½ ft. high, E. of the cor.
	From this cor., the 265th mile cor. bears N. 0°03' W., 10.39 chs. distant.
	From the same point, the closing cor. of secs. 16 and 21, T. 5 S., R. 71 E., M. D. M., Nevada, bears N. 0°02' E.,

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SUBDIVISION OF T. 36 S., R. 29 W.

chains	
	13.04 chs. dist.
	Land, rough mountainous; general drainage and exposure S.
	Soil, shallow loam, with a rocky subsoil; 2nd and 3rd rate.
	Timber, scattering juniper and pinon.
	Undergrowth, medium dense sage brush, live oak, cat claw and browse.
	Fair grazing land.
	From the cor. of secs. 1, 2, 11, and 12.
	North, on a random line, between secs. 1 and 2.
40.00	Set temp. ¼ sec. cor.
71.98	Intersect the N. bdy. of the Tp., 8 lks. W. of the cor. of secs. 1, 2, 35, and 36.
	Thence,
	S. 0°04' W., on true line, between secs. 1 and 2.
	Over rolling and broken mountainous bench land, through medium dense timber and undergrowth,
0.50	Ridge, bears NW., and S. 70°E.; descend 100 ft. along a rocky SW. slope.
11.20	Draw drains W.; ascend 140 ft. along a N. to NE. slope.
14.10	Change of slope; ascend gradually 25 ft. along a N. slope
21.00	Spur from the SE. projects N. 75° W.; descend 40 ft. along a S. slope.
31.80	Draw drains SW. from SE.; ascend slightly.
31.98	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for the ¼ sec. cor., with brass cap marked

¼

S2 | S1

S

1936

from which

A pinon, 12 ins. diam., bears N. 14°30' E., 179 lks. dist., marked ¼ S 1 B T.

A juniper, 6 ins. diam., bears S. 80°30' W., 100 lks. dist., marked ¼ S 2 B T.

Ascend 190 ft. over a N. slope.

53.80	Rise bears E. and NW.; descend 15 ft. along a S. slope.
54.50	Base of descent slopes NE. from W.; ascend gradually 15 ft. over a N. slope.
62.30	Low, rocky ridge bears E. and W.; descend 20 ft. over a S. slope.

SUBDIVISION OF T. 38 S., R. 20 W.

Chains	
64.60	N. rim of Sheep Canyon, and S. edge of rolling bench land, bears N.85°W. and S.60°E.; descend 310 ft. over a precipitous S. slope broken by red and white ledges.
71.98	The cor. of secs. 1, 2, 11, and 12.
	Land rolling and broken, N. portion; rough mountainous S. portion; general drainage and exposure on N. portion, W.; on the S. portion, SW.
	Soil, shallow loam, with rocky subsoil; 2nd and 3rd rate.
	Timber, medium dense juniper and pinon.
	Undergrowth, medium dense scrub oak, live oak, sage brush, cat claw, and browse.
	Good grazing land.

GENERAL DESCRIPTION

The land in T. 38 S., R. 20 W. is all rough mountainous, with a general elevation of from 4000 to 5000 ft. The whole area is drained by Beaver Dam Wash, which cuts in a southeasterly direction across the south half of the township. The soil consists of a rocky to sandy loam, with a rocky clay subsoil. There is a scattering growth of pinon and juniper timber extending throughout the township, with a few cottonwoods along Beaver Dam Wash. A medium dense undergrowth of sagebrush, service berry, bitter brush, cat claw, and oak brush covers the township.

There is a good stream of water flowing in Beaver Dam Wash, and a small intermittent stream in Sheep Canyon. A small seep spring was noted in lot 4 of sec. 11, near line bet. secs. 11 and 12. Very small seeps were also noted in a draw in SW¼ sec. 12, and in a main draw in N.½ mile on E. bdy. sec. 24.

No settlers were living in this fractional township, the land being too mountainous for cultivation. The predominating interset is grazing. The only improvement is an old, abandoned telephone line along Beaver Dam Wash, from Acoma, Nevada, to St. George, Utah.

Because of a defective needle, no magnetic declination was observed.

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Page

BOOK A-509

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Rish Farley	Principal Assistant
John H. McGuire	Cornerman
Lorenzo Wayne Day	Axman
Thomas H. Dugan	Axman
Joseph D. Thomas	Flagman
John Murphy	Axman
Russell Alley	Axman
Clyde F. Peterson	Cornerman
Jack Ames	Flagman
George Pickering	Cornerman
Reginald Stirk	Axman
Delmar Reay	Axman
Dale P. Olson	Axman
Morbeth Snow	Axman

6—8412

BOOK A-509

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

We, Andrew Nelson, ~~U. S.~~ Surveyor,
I, and Kelvin Winwood, Transitman, HEREBY CERTIFY upon honor that

pursuance of special instructions bearing date of the 17th day of April 19
supplemen
received from the district cadastral engineer for Utah, with assignm
instructions dated September 12, 1936, I have ~~xxxxxx~~ executed the dependent
resurvey of the Utah-Nevada State Boundary along the west boundary o
T. 38 S., R. 20 W.; and the survey of the east boundary and the sub-
division of T. 38 S., R. 20 W.

of the Salt Lake Meridian, in the State of Utah, which
represented in the foregoing field notes as having been executed by ~~me~~ us and under ~~my~~ our direction; and that
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Sur
of the Public Lands of the United States, and in the specific manner described in the foregoing field note

Certified to March 31,1937
at Salt Lake City, Utah

Andrew Nelson
~~U. S.~~ Surveyor
Kelvin Winwood
Transitman

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,
Denver, Colo., FEB 17 1938, 19

The foregoing field notes of the ~~xxxxxx~~ dependent resurvey of the Utah-Nevada State Boundary along the west boundary of T. 38 S., R. 20 W.; and the survey of the east boundary and the subdivision of T. 38 S., R. 20 W.,

executed by Andrew Nelson, ~~U. S.~~ Surveyor, Kelvin Winwood, Transitman,
under special instructions dated April 17, 1933 supplementa, and assignme
instructions dated September 12, 1936, having been critically examined, a
the necessary corrections made prior to their certification by the engineer, the said field notes, and the surve
therein described, are hereby approved.

~~U.S.~~ *Supervisor of Surveys.*

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in ..... is a true copy of the original field notes on file in the public survey office.~~

U.S. Supervisor of Surveys.

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8412

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4—679
(April 1933)

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BOOK A-509

FIELD NOTES

OF THE SURVEY OF THE SUBDIVISIONAL LINES,

T. 38 S., R. 19 W.

Of the Salt Lake *Meridian,*

In the State of Utah

EXECUTED BY

Andrew Nelson, Surveyor

and

Kelvin Winwood, Transitman

Under special instructions dated April 17, *1933, which provided for the surveys included under Group No.* 245, *bearing the approval of the Commissioner of the General Land Office under date of* June 26, 1933 *and supplemental assignment instructions dated* September 12, *1936,* and October 5, 1938.

Survey commenced October 2, *1936.*

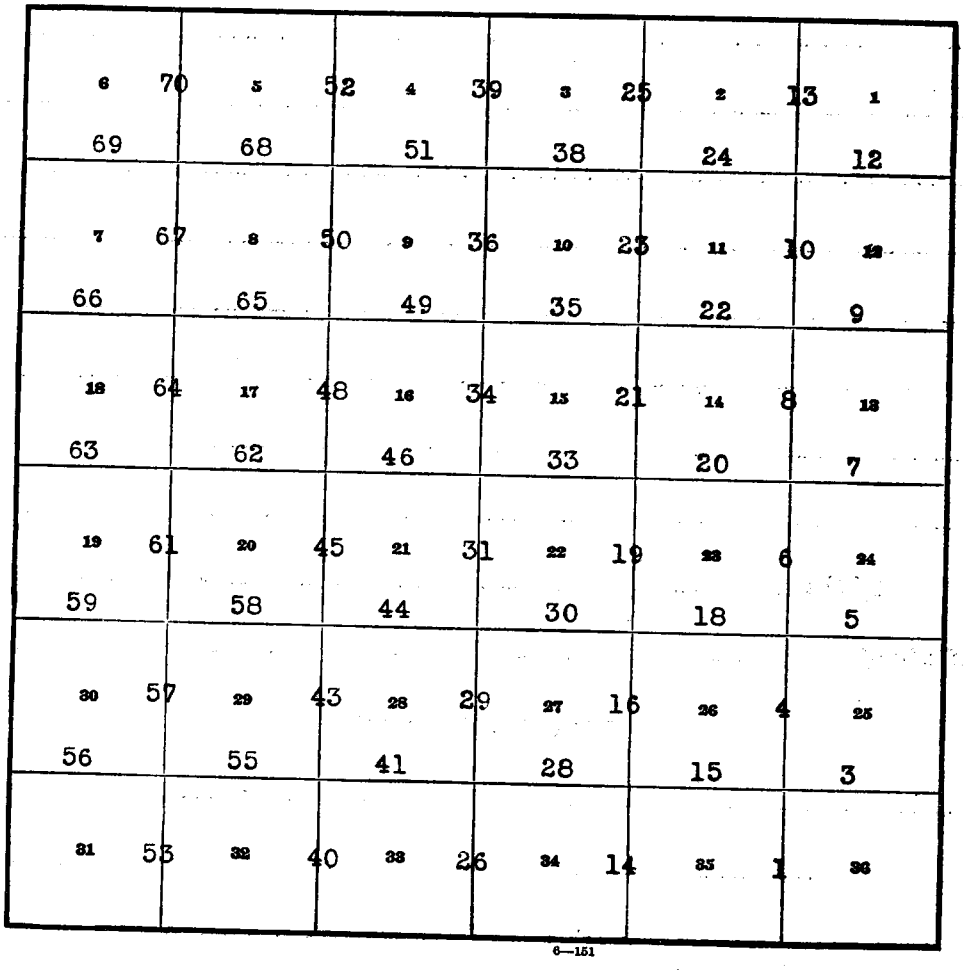
Survey completed October 26, *1938.*

U. S. GOVERNMENT PRINTING OFFICE 6—161

BOOK A-509

INDEX DIAGRAM.

Township 38 South, *Range* 19 West



6—151

T. 38 S., R. 19 W.

Chains	
	The survey of the subdivision of T. 38 S., R. 19 W., Salt Lake Meridian, Utah, was commenced October 2, 1936, and was executed with Buff and Buff transits Nos. 14191 and 16726, used by Andrew Nelson, Surveyor, and Buff and Buff transit No. 9210, used by Kelvin Winwood, Transitman. The instruments are the property of the General Land Office, and are equipped with Smith solar attachments and full vertical circles. The horizontal limbs of each transit are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles. The instruments were approved for use on this survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in supplemental assignment instructions dated September 12, 1936 and October 5, 1938. Work was suspended on this township, November 6, 1936, resumed October 14, 1938, and completed October 26, 1938.
	The solar attachments were not used in this survey, and all controlling meridians were established by observations on Polaris, some of which are shown in this record. The bearings of the lines were deflected from these true meridians by the repetition of angles, and carried forward by transit line, taking the mean of direct and reversed sights.
	The measurements were made with Lallie steel ribbon tapes 5 and 8 chains in length. The tapes were compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined with clinometers, and the slope measurements properly reduced to true horizontal distances.
	SUBDIVISION OF, T. 38 S., R. 19 W.
	October 14, 1936: Stationed at the cor. of secs. 35 and 36, on the S. bdy. of T. 38 S., R. 19 W., an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 39 S., R. 19 W., Group 109, Utah; in approximate latitude 37°26' N., longitude 113°56' W., with instrument No. 14191, at 7h 50.1m a.m. local mean time, I make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag about 12 chains to the N. of my station, in a westerly direction to the star.
	Watch time of observation, (correct 105th Meridian Standard Time)..... 8h 25.8m a.m.
	Mean horizontal angle, flag to star..... 1° 09:6'W.
	Azimuth of Polaris..... 1° 10:6'W.
	True bearing to flag..... N. 0°01' W.
	Thence, from the above cor.
	N. 0°01' W., bet. secs. 35 and 36.
	Descend gradual E. slope of broken mountainous land, through scattered timber and dense undergrowth.
10.90	Low flat spur, projects N. 80° E.; continue descent.
17.30	Three strand barbed wire fence, bears E. and W.

Chains	
18.80	Point from which the NW. cor. of a small one room frame cabin, size 9 x 9 ft., bears S. 89°30' E., 2.76 chs. dis
20.90	Draw, 160 ft. below cor., drains SE.; small seep of good water in bottom of draw 1.00 ch. to the NW. of line; ascend gradually along E. slope.
33.30	Low rocky spur, 50 ft. above draw, projects SE.; descend gradual N. slope.
38.60	Small draw, drains SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in th ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S35 | S36 1936 from which A juniper, 14 ins. diam., bears S. 12° E., 28 lks. dist., marked ¼ S36 BT. A juniper, 6 ins. diam., bears N. 57°15' W., 85 lks. dist., marked ¼ S35 BT.
40.60	Small draw, drains S. 20° E.
48.70	Low flat spur, projects SE.
53.40	Small draw, drains S. 60° E.
55.70	Small draw, drains SE.
67.30	Low flat spur, projects S. 15° E., about 7.00 chs. dist. to end.
75.30	Small draw, drains SE., about 5.00 chs. dist. to its junction with Black Canyon which drains southerly.
80.00	On steep E. slope, 440 ft. above the ¼ sec. cor. Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in th ground to solid rock and in a large mound of stone, for cor. of secs. 25, 26, 35, and 36, with brass cap marked T38S | R19W S26 | S25 S35 | S36 1936 from which A pinon, 5 ins. diam., bears N. 71° E., 94 lks. dist., marked T38S R19W S25 BT. A pinon, 4 ins. diam., bears S. 69°30' E., 103 lks. dist., marked S36 BT. A pinon, 10 ins. diam., bears S. 32°15' W., 39 lks. dist., marked T38S R19W S35 BT. A pinon, 10 ins. diam., bears N. 26° W., 212 lks. dist., marked T38S R19W S26 BT.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Land, broken and mountainous, with a general southeasterly exposure and drainage.
	Soil, shallow clay and gravel, with a rocky surface; 4th rate.
	Undergrowth, sage, service berry, oak, and black brush, mahogany, desert almond, weeds, and grass.
	Timber, juniper and pinon.
	Good grazing land.
	East, on random line, bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect the E. bdy. of the township, 14 lks. S. of the cor. secs. 25, 30, 31, and 36, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 18 W., Group 14, Utah.
	Thence:
	S. 89°54' W., on true line, bet. secs. 25 and 36,
	Descend steep W. slope of broken mountainous land, through scattered timber and dense undergrowth.
7.80	Draw, 100 ft. below cor., drains SE.; from this point, a corrugated sheet metal cabin, size 6 x 8 ft., bears S. 45° W., 1.00 ch. dist.; ascend steep E. slope.
37.70	High ridge, 600 ft. above draw, bears SE., and N. 10° E.; descend steep SW. slope.
39.96	On steep SW. slope, 40 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S25 / S36 1936 from which
	A point on a large boulder, 3 ft. above ground, marked X BO, bears N. 82° E., 27 lks. dist.
	No suitable bearing trees available.
73.20	Black Canyon, 940 ft. below the ¼ sec. cor., drains S.; ascend steep NE. slope. Watering trough and small seep 20 lks. N. of line.
75.00	Spur, 70 ft. above canyon, projects S. 20° E.; descend steep W. slope.
76.60	Draw, 20 ft. below spur, drains S. 20° E.; ascend steep E. slope.
79.92	The cor. of secs. 25, 26, 35, and 36, 70 ft. above draw.
	Land, broken and mountainous, with a general easterly and westerly exposure and drainage.

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SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Soil, shallow gravel and clay, with a rocky surface; 4t rate.
	Undergrowth, sage, service berry, oak, and black brush, mahogany, weeds, and grass.
	Timber, juniper and pinon.
	Good grazing land.
	N. 0°01' W., bet. secs. 25 and 26.
	Ascend gradual E. and SE. slopes of broken mountainous land, through scattered timber and dense undergrowth.
5.40	Spur, 50 ft. above cor., projects SE.; descend gradual N slope.
10.30	Draw, 120 ft. below spur, drains S. 75° E.; continue gradual descent.
18.00	Black Canyon, 130 ft. below spur, drains S. 25° E.; asce gradual SW. slope.
30.00	Ascent becomes more abrupt, bears NW. and SE.
40.00	On gradual SW. slope, 250 ft. above Black Canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in th ground and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S26 | S25 1936
	sandstone, 10 x 10 x 6 ins., at base of post, deposit a marked X.
	No suitable bearing trees available.
48.90	Slope changes from a gradual SW. slope to a gradual W. slope.
58.40	Top of divide ridge bet. Slaughter and Black Canyons, 100 ft. above the ¼ sec. cor., bears S. 60° E., and N. 40° W., about 8.00 chs. dist., thence SW.; thence descend gradually along top of spur sloping NW. from ridg
62.00	Forest boundary fence consisting of 3 strands of barbed wire, bears N. 48°30' W. and S. 48°30' E.
67.60	Leave top of spur sloping NW. and descend gradual N. and NE. slopes.
80.00	On steep NE. slope, 280 ft. below top of divide ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in th ground to solid rock and in a large mound of stone, for cor. of secs. 23, 24, 25, and 26, with brass cap marked T38S | R19W S23 | S24 S26 | S25 1936

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SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	From which:
	A point on a sandstone boulder, 5 x 5 x 2½ ft. above ground, marked X BC, bears S. 77°30' W., 37 lks. dist.
	No bearing trees available.
	From this cor., a steel watering trough for stock, bears N. 60° W., about 5.00 chs. dist.
	Land, broken and mountainous, with a general southeasterly and northwesterly exposure and drainage.
	Soil, shallow sand, clay, and gravel, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, mahogany, weeds, and grass.
	Timber, juniper and pinon.
	Good grazing land.
	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, 9 lks. N. of the cor. secs. 19, 24, 25, and 30, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 18 W., Group 14, Utah.
	Thence:
	S. 89°58' W., on true line, bet. secs. 24 and 25.
	Ascend gradual NE. slope of broken mountainous land, through scattered timber and dense undergrowth.
2.40	Small spur, 20 ft. above cor., projects S. 75° W.
4.40	Low branch spur, projects S.
6.40	Bottom of depression on S. slope, drains S. 10° E.
9.90	Small spur, projects S. 60° W.; descend steep W. slope.
21.70	Draw, 170 ft. below spur, drains S. 30° E.; ascend gradually.
25.50	Low spur, projects projects S. 30° E.
30.40	Small draw, drains S. 20° E.
39.94	On general S. slope, 100 ft. above the draw at the 21.70 chs. point.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in a mound of stone, for ¼ sec. cor., with brass cap marked
	¼ S24 / S25
	1936
	deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	No suitable bearing trees available.
43.80	Small swale, drains SE.; ascend gradual E. slope.
46.90	A small inclosure 25 lks. square, fenced by the Forest Service, marked plot 22, bears North, 20 lks. dist.
50.70	Top of divide ridge, 100 ft. above the ¼ sec. cor., bears N. 25° E. and S. 25° W.; descend gradual NW. slope. Forest Service trail along top.
54.30	Head of draw, 80 ft. below ridge, drains NW.; ascend gradual E. slope.
58.40	Spur, 80 ft. above head of draw, projects N. 20° W.; descend gradual W. slope.
61.20	Draw, 70 ft. below spur, drains N. 20° W.; ascend steep NE. slope.
68.60	Spur, 200 ft. above draw, projects N. 20° W.; descend steep W. slope.
78.60	Draw, 340 ft. below spur, drains N. 60° W.; ascend gradual NE. slope.
79.88	The cor. of secs. 23, 24, 25, and 26, 20 ft. above draw.
	Land, broken and mountainous, with a general southeasterly and northwesterly exposure and drainage.
	Soil, shallow sand and gravel, with a rocky surface; 4th rate.
	Undergrowth, sage and oak brush, mahogany, service berry, weeds, and grass.
	Timber, scattered juniper and pinon.
	Good grazing land.
	N. 0°01' W., bet. secs. 23 and 24.
	Descend steep NE. slope of rough mountainous land, through dense undergrowth.
1.00	Bottom of rocky draw, 50 ft. below cor., drains W., about 7.00 chs. dist., thence NW.; a metal watering trough, about 50 ft. long, in bottom of draw about 3.00 chs. to the W. of line; ascend steep S. slope.
8.40	Spur, 50 ft. above draw, projects N. 30° W.; descend steep N. slope.
24.60	Draw, 470 ft. below spur, drains S. 80° W.; ascend steep S. slope.
32.40	Spur, 210 ft. above draw, projects W., about 15.00 chs. to end; descend NW. and W. slopes.
40.00	On steep W. slope, 160 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

S23 | S24

1938

SUBDIVISION OF, T. 38 S., R. 19 W

Chains	
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
45.20	Small stream of good water in bottom of Slaughter Canyon, 90 ft. below the ¼ sec. cor., flows S. 20° W.; ascend steep S. slope.
50.00	Small draw, drains S. 85° E., 1.00 ch. dist. to its junction with Slaughter Canyon, which drains S. 10° W. from NE.; continue ascent.
68.80	Forest Service trail, bears E., and W., 2.00 chs. dist. to spur, thence trail bears N.
64.70	Spur, projects SW.; thence ascend along steep W. slope.
72.50	Top of ascent on steep N. slope, 630 ft. above Slaughter Canyon, bears E. and N.; descend steep NW. slope.
77.20	Forest Service trail, bears NE. and S. 35° W.
80.00	On steep NW. slope, 200 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

T38S | R19W	
S14	S13
S23	S24

1938

from which

A point near top of white porphyry boulder, 8 ft. above ground, marked X BO, bears N. 0°03' W., 48½ lks. dist.

No other suitable accessories available.

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

Soil, shallow sand, clay, and gravel, with a rocky surface; 4th rate.

Undergrowth, oak, service berry, and buck brush.

No timber.

Good grazing land.

N. 89°58' E., on random line, bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect the E. bdy. of the township, 5 lks. S. of the cor. secs. 13, 18, 19, and 24, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 18 W., Group 14, Utah.

Thence:

S. 89°56' W., on true line, bet. secs. 13 and 24.

Ascend gradual NE. slope of broken mountainous land, through dense undergrowth.

2.30 Top of high divide ridge, 40 ft. above cor., bears S. 22°E.,

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	about 10.00 chs. dist. to a high peak and N. 22° W., about 8.00 chs. dist. to a high peak; descend abruptly over steep S. slope.
5.80	Slope changes from a steep S. slope to a steep SW. slope
19.80	Bottom of wide depression, drains S. 75° W.; continue descent.
29.00	The SW. point of a rocky outcropping; continue descent.
33.00	Draw, 710 ft. below ridge, drains SW.; ascend steep E. slope.
39.95	On steep E. slope, 50 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 S13 ¼ ——— S24 1938 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
40.80	Spur, 20 ft. above the ¼ sec. cor., projects S. 10° W.; descend steep W. slope.
45.10	Draw, 120 ft. below spur, drains S. 10° W.; ascend steep E. slope.
48.60	Spur, 100 ft. above draw, projects S.; descend steep SW. slope.
54.20	Head of draw, 80 ft. below spur, drains S. 35° E.; ascend steep NE. slope.
65.50	Spur, 250 ft. above head of draw, projects SW.; saddle in top of spur, bears NE., about 6.00 chs. dist.; descend ste W. slope.
75.40	Forest Service trail, bears N. and S.
79.90	The cor. of secs. 13, 14, 23, and 24, 350 ft. below spur.
	Land, broken and mountainous, with a general southwesterl exposure and drainage.
	Soil, black loam with a rocky surface; 4th rate.
	Undergrowth, oak, service berry, and buck brush.
	No timber.
	Good grazing land.
	N. 0°01' W., bet. secs. 13 and 14.
	Descend broken NW. slope of high mountainous land, through dense undergrowth and scattered timber.
0.50	Draw, 10 ft. below cor., drains S. 80° W.; ascend steep S. slope.
8.70	Spur, 160 ft. above draw, projects S. 85° W.; descend steep N. slope.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
13.20	Draw, 180 ft. below spur, drains W.; ascend steep ledgy S. slope.
24.00	Top of ledges, 100 ft. high, bears N. 20° W. and S. 20° E.; ascend along W. slope of spur the top of which bears E., 2.00 chs. dist.
31.10	Forest Service trail, bears NW. and SE.
40.00	On steep W. slope, 480 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 S14 | S13 1938 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
47.60	Spur, 120 ft. above the ¼ sec. cor., projects S. 20° E.; ascend along steep S. and SE. slopes.
62.10	Top of high divide ridge, 320 ft. above the ¼ sec. cor., bears NE. and SW.; descend steep N. slope. Fence on top of ridge, bears with same.
69.80	Fork of Sheep Corral Canyon, 160 ft. below ridge, drains N. 80° W.; ascend gradual S. slope.
80.00	On S. slope, 110 ft. above canyon.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 11, 12, 13, and 14, with brass cap marked T38S | R19W S11 | S12 S14 | S13 1938 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	From this cor., Gutz Peak, bears S. 12°45' W., about 22.00 chs. dist.
	A gate in Forest Service fence, bears S. 31°45' E., about 10.00 chs. dist.
	Land, rough and mountainous, with a general southerly and northwesterly exposure and drainage.
	Soil, shallow dark loam with a rocky surface; 4th rate.
	Undergrowth, oak, service berry and buck brush.
	Timber, a few scattered juniper and pinon.
	Good grazing land.

	N. 89°56' E., on random line, bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.

U. S. GOVERNMENT PRINTING OFFICE 6—8156

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
79.90	Intersect the E. bdy. of the township, 10 lks. N. of the cor. of secs. 7, 12, 13, and 18, an iron post, 3 ins. dia set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 18 W., Group 14, Uta
	Thence:
	N. 89°56' W., on true line, bet. secs. 12 and 13.
	Descend gradual SW. slope of rough mountainous land, through dense undergrowth.
12.20	Bottom of large draw near head, 60 ft. below cor., drains S. 60° E.; small seep of good water in bottom; ascend grad NE. slope.
39.95	On steep brushy N. slope, 490 ft. above draw.
	Set an iron post, 4 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ 312 / 313 1938 raise a mound of stone, 4 ft. base, 6 ft. high, N. of cor.
41.00	Top of ascent, 10 ft. above the ¼ sec. cor., bears N. and S.; descend gradually along N. slope.
50.40	Head of draw, 140 ft. below top of ascent, drains N.; ascend gradually along N. slope.
64.60	Forest Service fence, bears N. and S. 60° E.
66.00	Top of high divide ridge, 120 ft. above head of draw, bears N. 75° W. and S. 70° E.; descend gradual SW. slope.
71.00	Forest Service fence, bears N. 13°30' E., 1.60 chs. dist. to NW. cor., and S. 13°30' W.
79.90	The cor. of secs. 11, 12, 13, and 14, 130 ft. below top of divide ridge.
	Land, broken and mountainous, with a general northerly and southwesterly exposure and drainage.
	Soil, shallow dark loam, with a rocky surface; 4th rate.
	Undergrowth, oak, service berry, and buck brush.
	No timber.
	Good grazing land.
	N. 0°01' W., bet. secs. 11 and 12.
	Ascend gradual S. slope of rough mountainous land, through dense undergrowth.
5.80	Ridge, 70 ft. above cor., bears N. 75° W. and S. 65° E.; descend abrupt N. slope.
18.00	Head of draw, 310 ft. below ridge, drains NE.; ascend gradual SE. slope.

U. S. GOVERNMENT PRINTING OFFICE 16—8155

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
22.20	Saddle in low spur, 10 ft. above head of draw, projects N. 20° E., about 6.00 chs. dist., to a high timbered knoll; descend gradual NW. slope.
33.10	Draw, 190 ft. below spur, drains N. 30° E.; ascend gradual NE. slope.
35.60	Low spur, 40 ft. above draw, projects NE.; descend gradual NW. slope.
38.70	Trail, bears N. 70° W. and S. 70° E.
38.90	Main draw, 40 ft. below spur, drains S. 70° E.; ascend gradual S. slope.
40.00	On gradual S. slope, 40 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 S11 | S12 1938 from which
	A pinon, 4 ins. diam., bears N. 61°30' E., 108 lks. dist., marked S12 BT.
	No other bearing tree available.
48.70	Spur, 190 ft. above the ¼ sec. cor., projects S. 80° E.; descend gradual N. slope.
53.90	Draw, 100 ft. below spur, drains S. 80° E.; ascend steep S. slope.
71.70	Ridge, 390 ft. above draw, bears E. and W.; descend gradual N. slope. Large mound of stone on ridge, bears East, 2.66 chs. dist.
80.00	On gradual N. slope, 130 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 1, 2, 11, and 12, with brass cap marked T38S | R19W S2 | S1 S11 | S12 1938 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, broken and mountainous, with a general easterly exposure and drainage.
	Soil, shallow dark loam with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush.
	Timber, a few scattered juniper and pinon.
	Good grazing land.

U. S. GOVERNMENT PRINTING OFFICE 8—6358

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	S. 89°56' 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, 28 lks. N. of the cor. secs. 1, 6, 7, and 12, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 18 W., Group 14, Ut
	Thence:
	N. 89°44' W., on true line, bet. secs. 1 and 12.
	Ascend steep E. slope of rough mountainous land, through dense undergrowth and scattered timber.
5.80	Spur, 210 ft. above cor., projects NE. from the W.; then ascend gradually along top of spur.
18.40	Ridge, at junction of spur from the E., 340 ft. above co bears NW. and S. 70° E.; descend general S. slope.
31.80	Small draw, drains S. 20° E.
36.60	Low spur, projects SE.
40.00	On steep rocky W. slope, 100 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4}\frac{S1}{S12}$
	1938
	from which
	A pinon, 18 ins. diam., bears N. 89°30' W., 49 lks. dist., marked ¼ S1 BT.
	No other bearing tree available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
46.00	Small draw, 90 ft. below the ¼ sec. cor., drains SE.; thence along rolling S. slope.
47.40	Forest Service trail, bears NW. and SE.
51.50	A low short spur, projects S.
54.40	Bottom of main draw, drains SE.; thence ascend gradually along broken N. slope.
61.30	Top of ascent on N. slope, bears NE. and SW.; continue along N. slope.
67.30	Small draw, drains NE.; ascend steep NE. slope.
76.60	Top of ascent on N. slope, slopes NE., about 6.00 chs. dist. to end; descend steep NW. slope.
80.00	The cor. of secs. 1, 2, 11, and 12, 40 ft. below top of ascent and 360 ft. above bottom of main draw.
	Land, broken and mountainous, with a general southerly exposure and drainage.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Shallow black loam with a rocky surface; 4th rate.
	Undergrowth, oak, service berry, and buck brush, manzanita, and silver leaf.
	Timber, a few scattered pinon.
	Good grazing land.
	N. 0°01' W., bet. secs. 1 and 2, on random line.
40.00	Set temp. ¼ sec. cor.
71.83	Intersect the N. bdy. of the township, 4 lks. E. of the cor. of secs. 1, 2, 35, and 36, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 37 S., R. 19 W., Group 14, Utah.
	Thence:
	S. 0°03' E., bet. secs. 1 and 2, on true line.
	Ascend gradual N. slope of broken mountainous land, through dense undergrowth.
1.10	Top of a rocky outcropping, 10 ft. above cor., bears E. and W.; descend gradual S. slope.
4.20	Intermittent stream of good water in bottom of wide draw, 50 ft. below outcropping, flows E.; ascend gradual S. slope.
5.00	Forest Service trail, bears E. and W.
25.00	Low saddle in ridge, 220 ft. above draw, bears E. and W.; descend gradual S. slope.
30.20	Small stream of good water in bottom of draw, 150 ft. below ridge, flows N. 85° E.; ascend gradual N. slope.
31.83	On gradual N. slope, 40 ft. above stream.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked S2 | S1 1938 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
35.50	Top of a rocky outcropping, bears W., 2.00 chs. dist.
48.50	Forest Service trail, bears N. 60° W. and S. 60° E.
55.10	Small spur, projects E.
57.90	Small draw near head, drains S. 70° E.
64.90	Rocky spur, projects E.
67.40	Head of small draw, drains E.
71.83	The cor. of secs. 1, 2, 11, and 12, 500 ft. above the ¼ sec. cor.

U. S. GOVERNMENT PRINTING OFFICE

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	Land, broken and mountainous, with a general easterly exposure and drainage.
	Soil, shallow dark loam with a rocky surface; 4th rate.
	Undergrowth, oak, service berry, and buck brush.
	No timber.
	Good grazing land.
	From the cor. of secs. 34 and 35, on the S. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 39 S., R. 19 W.; Group 109, Utah.
	N. 0°01' W.; bet. secs. 34 and 35.
	Ascend gradual SW. slope of broken mountainous land, through dense undergrowth and scattered timber.
1.40	Spur, 30 ft. above cor., projects SE.; descend steep N. slope.
6.50	Timber becomes medium dense, bears E. and W.
10.70	Draw, 110 ft. below spur, drains SE.; ascend gradual S. slope.
15.00	Spur, 90 ft. above draw, projects E.; descend steep N. slope.
22.20	Small draw, 160 ft. below spur, drains E.; ascend steep S. slope.
28.20	Spur, 40 ft. above draw, projects S. 80° E.; descend gradual N. slope.
40.00	On gradual N. slope, 130 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	¼ S34 | S35 1936
	from which
	A juniper, 18 ins. diam., bears S. 60° E., 54 lks. dist., marked ¼ S35 BT.
	A juniper, 6 ins. diam., bears S. 45° W., 59 lks. dist., marked ¼ S34 BT.
40.50	Draw, 20 ft. below the ¼ sec. cor., drains SE.; ascend abrupt SW. slope.
45.50	Spur, 180 ft. above draw, projects SE.; descend gradually along E. slope.
51.60	Head of draw, 40 ft. below spur, drains S. 30° E.; ascend steep S. slope.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
59.20	Ridge, 240 ft. above head of draw, bears SW., and NE., about 8.00 chs. to high peak; descend steep N. slope.
63.80	Spur, projects S. 75° W. from peak on ridge; continue descent.
74.20	Gulch, 300 ft. below ridge, drains S. 80° W.; ascend steep S. slope.
80.00	On steep S. slope, 190 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 26, 27, 34, and 35, with brass cap marked

T38S | R19W	
S27	S26
S34	S35

1936

from which

A pinon, 6 ins. diam., bears N. 43° E., 49 lks. dist., marked T38S R19W S26 BT.

A pinon, 4 ins. diam., bears S. 7°15' E., 72 lks. dist., marked T38S R19W S35 BT.

A pinon, 6 ins. diam., bears S. 27°45' W., 103 lks. dist., marked T38S R19W S34 BT.

A pinon, 6 ins. diam., bears N. 22°30' W., 123 lks. dist., marked T38S R19W S27 BT.

Land, rough and mountainous, with a general easterly and southwesterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage, oak, service berry, and black brush, manzanita, and mahogany.

Timber, juniper and pinon.

Good grazing land.

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

40.00 Set temp. ¼ sec. cor.

80.02 Intersect the N. and S. line, 2 lks. N. of the cor. secs. 25, 26, 35, and 36.

Thence:

N. 89°59' W., on true line, bet. secs. 26 and 35.

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

4.60 Top of rocky spur, 20 ft. above cor., projects SE.; descend abrupt SW. slope.

7.30 Small draw, 70 ft. below spur, drains S. 30° E.; ascend abrupt E. slope.

U. S. GOVERNMENT PRINTING OFFICE 8—9158

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
21.50	Top of divide ridge bet. Black Canyon and Butcher Knife Canyon, bears N. 10° E., about 6.00 chs. dist. to saddle and S., 1.50 chs. dist. to high peak; descend steep W. slope.
26.60	The S. edge of a small rocky outcropping.
30.00	Timber becomes more dense, bears N. and S.
40.01	On W. slope, 670 ft. below top of divide ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	¼ S26 / S35
	1936
	from which
	A pinon, 4 ins. diam., bears N. 21°30' E., 73 lks. dist., marked ¼ S26 BT.
	A pinon, 10 ins. diam., bears S. 4°30' W., 49 lks. dist., marked ¼ S35 BT.
44.00	Bottom of Butcher Knife Canyon, 130 ft. below the ¼ sec. cor., drains SW.; ascend steep SE. slope.
52.60	Top of ascent, 80 ft. above bottom of canyon, slopes S.; descend gradually.
54.80	Spur, 30 ft. below top of ascent, projects S. 30° W.; descend steep NW. slope.
59.40	Draw, 100 ft. below spur, drains S. 60° W.; ascend gradua
61.80	Top of divide ridge bet. Slaughter Canyon and Butcher Kni Canyon, bears SW., and N. 10° E., about 12.00 chs. dist. to high peak; descend gradually over general SW. slope.
67.10	Head of ravine, drains SW.; continue descent.
74.50	Draw, drains S. 30° W.; ascend along gradual S. slope.
80.02	The cor. of secs. 26, 27, 34, and 35, 90 ft. above draw, and 100 ft. below ridge.
	Land, broken and mountainous, with a general southwesterl exposure and drainage.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.

N. 0°01' W., bet. secs. 26 and 27.

Ascend steep S. slope of broken mountainous land, through scattered timber and dense undergrowth.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
5.60	Spur, 140 ft. above cor., projects SW.; descend gradual W. slope.
10.80	Draw, 20 ft. below spur, drains SW.; ascend steep S. slope.
16.20	Ridge, 180 ft. above draw, bears N. 50° E. and S. 40° W.; descend gradually along abrupt W. slope.
26.30	Small depression, 110 ft. below ridge, drains W., about 6.00 chs. dist., thence N. 50° W.; ascend gradual S. slope.
30.00	Spur, 20 ft. above depression, projects N. 70° W.; descend gradual N. slope.
35.10	Large depression on NW. slope, 200 ft. below ridge, drains S. 80° W.; ascend steep S. slope.
40.00	On steep S. slope, 50 ft. above depression.
	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S27 | S26 1936 from which
	A pinon, 4 ins. diam., bears N. 36°30' E., 34 lks. dist., marked ¼ S26 BT.
	No other bearing tree available.
40.90	Spur, 10 ft. above the ¼ sec. cor., projects N. 80° W.; descend gradual N. slope.
52.10	Draw, 140 ft. below spur, drains N. 60° W.; ascend gradually.
58.80	Spur, 80 ft. above draw, projects W.; descend steep N. slope.
67.00	Large draw, 350 ft. below spur, drains N. 60° W.; ascend abrupt S. slope.
79.70	Spur, 350 ft. above draw, projects W., and bears NE., 2.00 chs. dist., thence S. 60° E.
80.00	On gradual S. slope.
	Set an iron post, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 22, 23, 26, and 27, with brass cap marked T38S | R19W S22 | S23 S27 | S26 1936 deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked X.
	Land, broken and mountainous, with a general southwesterly and northwesterly exposure and drainage.
	Soil, shallow clay, sand, and rock; 4th rate.

U. S. GOVERNMENT PRINTING OFFICE 6—8158

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Undergrowth, sage, service berry, and black brush, oak, mahogany, silver leaf, and manzanita.
	Timber, scattered juniper and pinon.
	Good grazing land.
	S. 89°59' E., on random line, bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the N. and S. line, 12 lks. N. of the cor. secs 23, 24, 25, and 26.
	Thence:
	N. 89°54' W., on true line, bet. secs. 23 and 26.
	Ascend gradually along steep broken N. slope of mountainc land, through dense undergrowth.
1.70	Small draw, drains N.; continue ascent.
12.60	Forest Service fence, bears N. 30° W. and S. 30° E.
13.80	Spur. 110 ft. above cor., projects N. 50° W.; descend gra NW. slope.
39.95	On gradual W. slope, 450 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S23 / S26 1936 deposit a sandstone, 9 x 8 x 5 ins., at base of post, marked X.
42.20	Draw, 50 ft. below the ¼ sec. cor., drains N. 20° W.; ascend gradual NE. slope.
57.60	Depression on NE. slope, drains NE.; continue ascent.
65.70	Ridge, 60 ft. above draw, bears N. 60° W. and S. 60° E.; descend gradually along broken SW. slope.
79.50	Recross top of ridge, 140 ft. below top of last crossing, bears N. 80° E. and SW.
79.90	The cor. of secs. 22, 23, 26, and 27.
	Land, broken and mountainous, with a general northwesterly exposure and drainage.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, sage, service berry, oak, and black brush, manzanita, and mahogany.
	Timber, a few scattered juniper and pinon.
	Good grazing land.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	N. 0°01' W., bet. secs. 22 and 23.
	Descend gradually along broken W. slope of rough mountainous land, through scattered timber and dense undergrowth.
5.90	Spur, projects N. 75° W.; thence descend abrupt N. slope.
14.50	The NW. point of small spur; continue descent over N. slope.
17.00	Draw, 280 ft. below cor., drains S. 65° W.; ascend steep S. slope.
19.90	Spur, 130 ft. above draw, projects S. 70° W.; descend steep NW. slope.
31.50	The W. point of a small spur; continue descent.
33.10	Draw in bottom of Slaughter Canyon, 240 ft. below spur, drains S. 65° W.; ascend gradual S. slope.
40.00	On gradual S. slope, 130 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 21 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S22 | S23 1936 from which
	A juniper, 8 ins. diam., bears S. 33°30' E., 157 lks. dist., marked ¼ S23 BT.
	A juniper, 4 ins. diam., bears S. 60° W., 24 lks. dist., marked ¼ S22 BT.
48.75	Spur, 160 ft. above the ¼ sec. cor., projects S. 60° E.; descend gradually.
52.80	Draw, 40 ft. below spur, drains E., 2.00 chs. dist. to junction with draw draining southerly; ascend gradually.
54.60	Spur, 30 ft. above draw, slopes E., 2.00 chs. dist. to end; ascend gradually.
56.50	Draw, 20 ft. below spur, drains S. 30° E.; ascend steep SW. slope.
65.60	Spur, 250 ft. above draw, projects SE.; descend steep E. slope.
75.00	Draw, 170 ft. below spur, drains SE.; ascend abrupt rocky S. slope.
79.89	At a point 44 lks. E.; mark a cross (X), on the surface rock, 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. 14, 15, 22, and 23, with brass cap marked

U. S. GOVERNMENT PRINTING OFFICE

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	T38S | R19W S15 | S14 WC S22 | S23
	1936
	from wh
	A pinon, 18 ins. diam., bears N. 17° E., 118 lks. dist., marked WC T38S R19W S14 BT.
	A pinon, 8 ins. diam., bears S.59°30' W., 46 lks. dist., marked WC T38S R19W S23 BT.
	No other bearing trees available.
80.00	The true point for the cor. of secs. 14, 15, 22, and 23, falls on sloping surface rock, where it is impracticable to set a cor.
	Land, rough and mountainous, with a general easterly and southwesterly exposure and drainage.
	Soil, shallow clay and sand, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, manzanita, and mahogany.
	Timber, juniper and pinon.
	Good grazing land.
	From the true point for the cor. of secs. 14, 15, 22, and 23.
	S. 89°54' E., on random line, bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect the N. and S. line, 5 lks. S. of the cor. secs. 13, 14, 23, and 24.
	Thence:
	N. 89°56' W., on true line, bet. secs. 14 and 23.
	Descend abruptly along broken NW. slope of rough mountainous land, through scattered timber and dense undergrowth.
4.30	Draw, 130 ft. below cor., drains S. 80° W.; ascend steep S. slope.
10.20	Small spur, 60 ft. above draw, projects SW.; descend steep W. slope.
14.80	Small stream of good water in bottom of large draw, 300 ft below sec. cor., flows S. 20° W.; ascend steep E. slope.
24.00	Spur, 160 ft. above stream, projects S. from the NW.; descend gradually along brushy S. slope.
31.20	Draw, 110 ft. below spur, drains S. 10° W.; ascend gradual E. slope.
36.05	Forest Service fence, bears N. and S.
40.01	On gradual broken E. slope, 50 ft. above draw.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

SUBDIVISION OF, T. 38 S., R. 19 W.

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 S14 / S23
	1938
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Thence ascend broken NE. slope.
50.00	Undergrowth becomes scattered, bears N. and S.
57.80	Spur, 260 ft. above the ¼ sec. cor., projects S. 70° E.; descend abrupt ledgy W. slope.
74.70	Small seep and metal watering troughs in bottom of deep rocky gulch; 560 ft. below spur, drains S. 20° E.; ascend ledgy E. slope.
80.02	The true point for the cor. of secs. 14, 15, 22, and 23, 100 ft. above gulch, which is 11 lks. N. and 44 lks. W. of the witness cor. to the cor. of said secs.
	Land, rough and mountainous, with a general southerly exposure and drainage.
	Soil, shallow clay and sand, with a rocky surface; 4th rate.
	Undergrowth, oak, sage, service berry, and buck brush, mahogany, manzanita, and mountain rush.
	Timber, scrub juniper and pinon.
	Good grazing land.

	From the true point for the cor. of secs. 14, 15, 22, and 23, which is 11 lks. N. and 44 lks. W. of the witness cor. to the cor. of said secs.
	N. 0°01' W., bet. secs. 14 and 15.
	Ascend gradually along broken S. slope of rough mountainous land, through dense undergrowth and scattered timber.
8.30	Spur, 100 ft. above cor., projects E.; descend abrupt N. slope.
13.10	Draw, 100 ft. below spur, drains E., about 4.00 chs. dist. to canyon; ascend gradually.
17.50	Spur, 70 ft. above draw, slopes E.; descend gradually.
20.50	Draw, 40 ft. below spur, drains S. 25° E.; ascend steep SE. slope.
30.20	Bend in small draw draining S. 25° W. from the NW., bears W. of line, 20 lks. dist.; ascend broken SW. slope.
40.00	On broken SW. slope, 450 ft. above the draw at the 20.50 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

U. S. GOVERNMENT PRINTING OFFICE 16—8158

Chains	
	S15 | S14
	1936
	volcanic stone, 12 x 8 x 3 ins., at base of post, marked deposit a A.
	No other suitable accessories available.
	Thence ascend abrupt SW. slope of white ledges.
43.00	Top of ledges, bears NW. and SE.; continue ascent.
45.90	Top of divide ridge bet. the drainage to the NW. and the drainage to the S., 130 ft. above the ¼ sec. cor., bears E. and W.; descend steep N. slope.
52.80	Bottom of large draw, 130 ft. below ridge, drains N. 70° W. and heads E., about 8.00 chs. dist.; ascend steep S. slope.
63.40	Spur, 120 ft. above draw, projects N. 75° W.; descend steep N. slope.
67.00	Large draw, 120 ft. below spur, drains S. 80° W., and heads E., about 10.00 chs. dist.; ascend steep S. slope.
77.10	Spur, 220 ft. above draw, projects N. 75° E.; descend steep N. slope.
80.00	On steep N. slope, 90 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 23 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 10, 11, 14, and 15, with brass cap marked
	T38S | R19W S10 | S11 S15 | S14
	1936
	deposit a sandstone, 9 x 7 x 7 ins., at base of post, marked X.
	Land, rough and mountainous, with a general southerly and northwesterly exposure and drainage.
	Soil, shallow dark loam with a rocky surface; 4th rate.
	Undergrowth, oak, sage, service berry, and black brush, mahogany, and manzanita.
	Timber, scattered juniper and pinon.
	Good grazing land.

	S. 89°56' E., on random line, bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect the N. and S. line, 5 lks. E. of the cor. secs. 11, 12, 13, and 14.
	Thence:
	S. 89°54' E., on true line, bet. secs. 11 and 14.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Descend gradual SW. slope of broken mountainous land, through dense undergrowth.
38.00	Rocky point, projects SW., about 2.00 chs. to end; continue descent, over rocky W. slope.
40.04	On rocky W. slope, 330 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S11 / S14 1938 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
45.80	Deep brushy gulch, 200 ft. below the ¼ sec. cor., drains N. 70° W.; ascend steep NE. and N. slopes.
56.20	Top of ascent from gulch, 70 ft. above the ¼ sec. cor., bears NW. and SE.; descend gradually along E. and NW. slopes.
64.50	Narrow rocky gulch, 50 ft. below top of ascent, drains N.; ascend along steep broken N. slope.
65.80	Forest Service trail, bears NW. and SE.
75.30	Forest Service fence, bears NW. and SE.
80.08	The cor. of secs. 10, 11, 14, and 15, 120 ft. above gulch.
	Land, broken and mountainous, with a general northwesterly exposure and drainage.
	Soil, shallow dark loam and rock; 4th rate.
	Undergrowth, oak, sage, and service berry brush, manzanita, weeds, and grass.
	No timber.
	Good grazing land.

	N. 0°01' W., bet. secs. 10 and 11.
	Descend steep N. slope of broken mountainous land, through dense undergrowth.
6.00	Forest Service fence, bears N. 36°30' W. and S. 38°30' E.
9.95	Forest Service trail, bears N. 50° W. and S. 50° E.
13.30	Draw, 320 ft. below cor., drains N. 50° W.; ascend steep brushy S. slope.
26.00	A sheep corral, bears W., about 17.00 chs. dist.
40.00	At top of ascent on ledgy W. slope, 320 ft. above draw, bears E. and W.; mark a cross (X) on the surface rock, 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

U. S. GOVERNMENT PRINTING OFFICE

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	S10 | S11 1938 from which
	A pinon, 8 ins. diam., bears S. 68° E., 87 lks. dist., marked S11 BT.
	No other bearing tree available.
	Thence descend gradually along W. slope.
44.30	Small spur, 40 ft. below the ¼ sec. cor., projects N. 70° W. descend steep N. slope.
58.60	Stream of good water, 2 lks. wide, 3 ins. deep, in bottom of Sheep Corral Canyon, 310 ft. below the ¼ sec. cor., flows W., about 5.00 chs. dist., thence S. At this point is the junction of draws from N. 15° E. and NE.; ascend steep S. slope.
61.90	Base of white rocky outcropping, bears W., about 10.00 chs dist., and E., about 3.00 chs. dist. to draw.
65.10	Top of rocky outcropping, 130 ft. above canyon, bears E. and W.; descend ledgy NE. slope.
69.70	Small stream of good water in branch draw, 40 ft. below top of rocky outcropping, flows S. 70° E., 2.50 chs. dist. to junction with draw from the NE.; ascend gradually.
73.10	Top of rocky outcropping, bears E. and W.; continue ascent.
80.00	On gradual S. slope, 120 ft. above stream, in clump of tall oak brush.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 2, 3, 10, and 11, with brass cap marked T38S | R19W S3 | S2 S10 | S11 1938 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, broken and mountainous, with a general southwesterly and northwesterly exposure and drainage.
	Soil, shallow dark loam, with rocky surface; 4th rate.
	Undergrowth, oak, sage, service berry, and black brush, manzanita, and weeds.
	No timber.
	Good grazing land.
	S. 89°54' E., on random line, bet. secs. 2 and 11.
40.00	Set temp. ¼ sec. cor.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
80.08	Intersect the cor. secs. 1, 2, 11, and 12.
	Thence:
	N. 89°54' W., on true line, bet. secs. 2 and 11.
	Ascend rolling NE. slope of high mountainous land, through dense undergrowth.
18.80	Top of divide ridge bet. the drainage to the NE. and the drainage to the SW., 110 ft. above cor., bears S., about 4.00 chs. dist. to a high peak, and NE., about 8.00 chs. dist. to a low saddle; descend gradually along N. slope.
27.90	Spur, 40 ft. below ridge, projects N. 85° W.; descend abrupt SW. slope.
40.04	On abrupt SW. slope, 220 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 S2 / S11
	1938
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
49.50	Small stream of good water, in bottom of draw, 310 ft. below the ¼ sec. cor., flows S. 50° W.; head of stream and watering trough, bears NE., 3.00 chs. dist.; ascend gradual SE. slope.
56.60	Slope changes from a gradual SE. slope to a gradual S. slope.
62.80	Top of ascent on S. slope, 60 ft. above stream, bears N. and S.; descend gradually along S. slope.
71.10	Depression of S. slope, drains S. 5° W.
80.08	The cor. of secs. 2, 3, 10, and 11, 60 ft. below top of ascent.
	Land, broken and mountainous, with a general northeasterly and southwesterly exposure and drainage.
	Soil, shallow dark loam and rock; 4th rate.
	Undergrowth, oak, sage, service berry and buck brush, weeds, and grass.
	No timber.
	Good grazing land.

	N. 0°03' W., on random line, bet. secs. 2 and 3.
40.00	Set temp. ¼ sec. cor.
71.68	Intersect the N. bdy. of the township, 35 lks. W. of the cor. of secs. 2, 3, 34, and 35, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 37 S., R. 19 W., Group 14, Utah.

U. S. GOVERNMENT PRINTING OFFICE 16—8558

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Thence:
	S. 0°14' W., on true line, bet. secs. 2 and 3.
	Descend gradual NW. slope of rolling high mountainous land, through dense undergrowth.
2.70	Draw, 40 ft. below cor., drains E.; ascend abrupt N. slop
13.30	Top of divide ridge bet. the drainage to the NE. and the drainage to the SW., 160 ft. above draw, bears S. 70° E., about 15.00 chs., thence S., and N. 80° W., about 10.00 c to high peak; descend gradual SE. slope.
19.60	Narrow draw, 80 ft. below ridge, drains SW.; ascend general N. slope.
20.00	Forest Service trail, bears NE. and SW.
26.50	Spur, 150 ft. above draw, projects SW.; descend steep S. slope.
31.68	On steep S. slope, 120 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked S3 | ¼ | S2 1938 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
36.10	Deep brushy draw, 90 ft. below the ¼ sec. cor., drains N. 85° W.; ascend steep NE. slope.
51.30	Ascent becomes gradual, bears E. and W.
55.10	High spur, 300 ft. above draw, projects N. 85° W.; descend steep S. slope.
71.68	The cor. of secs. 2, 3, 10, and 11, 440 ft. below spur.
	Land, broken and mountainous with a general northeasterly and southwesterly exposure and drainage.
	Soil, shallow dark loam, with a rocky surface; 4th rate.
	Undergrowth, oak, service berry, sage, and buck brush.
	No timber.
	Good grazing land.

From the cor. of secs. 33 and 34, on the S. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 39 S., R. 19 W., Group 109, Utah.

N. 0°02' W., bet. secs. 33 and 34.

Ascend gradual SW. slope of broken mountainous land, through scattered timber and dense undergrowth.

U. S. GOVERNMENT PRINTING OFFICE 6—8155

SUBDIVISION OF SECTIONS, T. 38 S., R. 19 W.

DISTANCE	
4.40	Blazed in entrance of an old prospect tunnel, about 100 ft. long, bears East, 1.00 chs. dist.
29.50	Spur, 110 ft. above cor., projects N. 70° W.; descend steep NE. slope.
29.00	Timber becomes more scattered, bears E. and W.
34.40	Small draw, 210 ft. below spur, drains N. 10° W., about 8.00 chs. dist., thence SW.; ascend general S. slope.
33.50	Spur, 30 ft. above draw, projects W.; descend steep W. slope.
40.00	On steep W. slope, 170 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S33 | S34 1936
	from which
	A juniper, 4 ins. diam., bears S. 37°30' E., 65½ lks. dist., marked ¼ S34 BT.
	A juniper, 5 ins. diam., bears S. 27°30' W., 10½ lks. dist., marked ¼ S33 BT.
49.40	Draw, 70 ft. below the ¼ sec. cor., drains S. 60° W.; ascend general E. slope.
53.00	Enter sagebrush flat, bears E. and W.
57.70	Leave sagebrush flat, bears E. and W.
68.30	Spur, 340 ft. above the draw, projects N. 80° W.; ascend NW. slope.
71.30	Draw, 50 ft. below spur, drains N.; ascend gradually.
77.00	Small spur, projects W., 20 ft. above draw; descend steep N. slope.
80.00	On steep N. slope, 80 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 27, 28, 33, and 34, with brass cap marked T38S | R19W S28 | S27 S33 | S34 1936
	from which
	A juniper, 6 ins. diam., bears N. 41°30' E., 78 lks. dist., marked T38S R19W S27 BT.
	A juniper, 4 ins. diam., bears S. 43°30' E., 67 lks. dist., marked T38S R19W S34 BT.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	A juniper, 5 ins. diam., bears E. 72°30' N., 35 lks. dist., marked T38S R19W S33 BT.
	A juniper, 10 ins. diam., bears N. 40°30' W., 66 lks. dist., marked T38S R19W S28 BT.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow sand and clay, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, manzanita, and desert almond.
	Timber, juniper and pinon.
	Fair grazing land.
	East, on random line, bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect the N. and S. line, 9 lks. S. of the cor. secs. 26, 27, 34, and 35.
	Thence:
	S. 89°56' W., on true line, bet. secs. 27 and 34.
	Ascend gradually along broken S. slope of rough mountainous land, through dense undergrowth and scattered timber.
.60	Top of ascent, 10 ft. above cor., slopes SW. and bears NE., descend gradually along S. slope.
7.00	Small draw, drains S. 10° W.
8.40	Low spur, projects S. 60° W.
14.00	Low spur, projects SW.
19.00	Ravine, 200 ft. below sec. cor., drains SW.; ascend gradual along S. slope.
27.40	Broken top of spur, 90 ft. above ravine, projects SW.; descend gradual NW. slope.
39.93	On general NW. slope, 180 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 S27 / S34 1936 from which
	A juniper, 12 ins. diam., bears N. 85° E., 33 lks. dist., marked ¼ S27 BT.
	A pinon, 6 ins. diam., bears S. 39° W., 41 lks. dist., marked ¼ S34 BT.
46.60	Draw, 20 ft. below the ¼ sec. cor., drains S. 30° W.; ascend steep broken E. slope.

U. S. GOVERNMENT PRINTING OFFICE 8—6155

SUBDIVISION OF, T. 30 S., R. 19 W.

chains	
59.20	Top of peak, 190 ft. above the ¼ sec. cor.; from peak, a spurs project SW. and N. 30° W., from N. 80° E.; descend general W. slope.
79.86	The cor. of secs. 27, 28, 33, and 34, 520 ft. below peak.
	Land, broken and mountainous, with a general southwesterly exposure and drainage.
	Soil, shallow clay and sand, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, mountain rush, and manzanita.
	Timber, juniper and pinon.
	Fair grazing land.
	N. 0°02' W., bet. secs. 27 and 28.
	Descend gradual E. slope of broken mountainous land, through scattered timber and dense undergrowth.
1.00	Small draw, 30 ft. below cor., drains W.; ascend steep S. slope.
8.50	Spur, 220 ft. above draw, projects W.; descend general N. slope.
24.30	Draw, drains E.; continue descent.
24.60	Base of white rocky ledge, bears E. and W.
26.60	Top of small rocky spur, projects W.; descend gradually along E. slope.
37.60	Bottom of Slaughter Canyon, 410 ft. below the spur at the 8.50 chs. point, drains SW.; ascend general SE. slope.
40.00	On general SE. slope, 20 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	¼ S28 | S27 1936
	from which
	A pinon, 6 ins. diam., bears S. 85° E., 34 lks. dist., marked ¼ S27 BT.
	A juniper, 4 ins. diam., bears S. 25° W., 17 lks. dist., marked ¼ S28 BT.
47.60	Ascent becomes more abrupt, bears NE. and SW.
60.80	Point of spur, slopes S. 80° E.; continue ascent.
63.00	Top of rocky peak on spur, 520 ft. above the ¼ sec. cor.; descend abrupt N. slope.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
77.60	Draw, drains S. 60° E.; continue descent.
79.50	Bend in draw, drains S. 30° W. from N. 30° W.
80.00	On gradual S. slope, 380 ft. below peak.
	Set an iron post, 3 ft. long, 2 ins. diam., 21 ins. in t ground to solid rock and in a large mound of stone, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

T38S | R19W	
S21	S22
S28	S27

1936

from which

A juniper, 3 ins. diam., bears N. 39° E., 72 lks. dist., marked BT.

A juniper, 12 ins. diam., bears S. 63°45' E., 54 lks. dist., marked T38S R19W S27 BT.

A pinon, 6 ins. diam., bears S. 85 ° W., 91 lks. dist., marked T38S R19W S28 BT.

A juniper, 6 ins. diam., bears N. 56°45' W., 29 lks. dist., marked T38S R19W S21 BT.

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

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage, oak, service berry, and buck brush, manzanita, and mahogany.

Timber, juniper and pinon.

Fair grazing land.

N. 89°56' E., on random line, bet. secs. 22 and 27.

40.00	Set temp. ¼ sec. cor.
79.84	Intersect the N. and S. line, 2 lks. S. of the cor. secs. 22, 23, 26, and 27.

Thence:

S. 89°55' W., on true line, bet. secs. 22 and 27.

Descend steep NW. slope of broken mountainous land, throug scattered timber and dense undergrowth.

8.30	Depression on NW. slope, drains N. 60° W.; continue gradua descent along N. slope.
21.30	Depression on N. slope, drains N. 10° E.; continue descent over N. slope.
23.40	Timbered spur, projects W. from S. 80° E.; continue descen along top of spur.
27.50	Leave top of spur, projects S. 80° W.; descend gradually along N. slope.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
35.50	Small side draw, drains N. 15° W.
38.80	Low spur, projects NW., about 7.00 chs. dist. to end.
39.92	On steep NW. slope, 620 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 S22 / S27 1936 from which
	A juniper, 8 ins. diam., bears S. 30°45' E., 28 lks. dist., marked ¼ S27 BT.
	A juniper, 10 ins. diam., bears N. 44° W., 27 lks. dist., marked ¼ S22 BT.
44.30	Bottom of Slaughter Canyon, 20 ft. below the ¼ sec. cor., drains S. 60° W.; thence along broken S. slope along N. side of canyon.
68.20	Bottom of large draw from the N., drains S. 30° E., about 8.00 chs. dist. to its junction with Slaughter Canyon.
73.50	Low flat spur, projects SE.
79.84	The cor. of secs. 21, 22, 27 and 28, 130 ft. below the ¼ sec. cor.
	Land, broken and mountainous, with a general southwesterly exposure and drainage.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, manzanita, and mahogany.
	Timber, juniper and pinon.
	Fair grazing land.

	N. 0°02' W., bet. secs. 21 and 22.
	Ascend gradual SE. slope of broken mountainous land, through scattered timber and dense undergrowth.
7.00	Low spur, projects S. 30° W., 2.00 chs. dist. to end.
10.00	Small depression on SW. slope, drains SW.
19.40	Spur, projects S. 30° E.
24.60	Recross top of spur, 230 ft. above sec. cor., projects W., 1.00 ch. dist., thence S. 30° E., and bears N. 55° W.; descend gradual NE. slope.
27.30	Head of draw, 20 ft. below spur, drains S. 60° E.; ascend.
37.00	Spur, 200 ft. above head of draw, projects S. 80° E., 2.50 chs. dist., thence S. 20° E.; descend gradually.
39.50	Draw, 20 ft. below spur, drains E.; ascend steep S. slope.

U. S. GOVERNMENT PRINTING OFFICE 6—6158

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
40.00	On steep S. slope, 10 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 23 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S21 | S22 1936 from which A pinon, 4 ins. diam., bears N. 39°30' E., 50 lks. dist., marked ¼ S22 BT. A pinon, 5 ins. diam., bears N. 58°45' W., 34 lks. dist., marked ¼ S21 BT.
40.90	Timber becomes dense, bears E. and W.
41.60	Spur, 30 ft. above the ¼ sec. cor., projects N. 80° E.; descend abruptly.
44.30	Draw, 60 ft. below spur, drains N. 80° E.; descend gradual
51.70	Small draw, 30 ft. deep, drains E.
54.80	Low spur, 60 ft. above the draw at the 44.30 chs. point, projects S. 75° E.; descend gradually.
56.50	Large draw, 40 ft. below spur, drains SE.; ascend gradual
63.40	Small spur, projects S. 20° E.
68.40	Small draw, drains S. 20° E.
71.50	Low spur, projects S. 30° E.
80.00	On general SE. slope, 440 ft. above the draw at the 56.50 chs. point. Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 15, 16, 21, and 22, with brass cap marked T38S | R19W S16 | S15 S21 | S22 1936 from which A pinon, 8 ins. diam., bears N. 66°45' E., 299 lks. dist., marked T38S R19W S15 BT. A juniper, 6 ins. diam., bears N. 28°15' W., 192 lks. dist., marked T38S R19W S16 BT. No other bearing trees available. Land, broken and mountainous, with a general southeasterly exposure and drainage. Soil, shallow clay and sand, with a rocky surface; 4th rate.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Fair grazing land.
	N. 89°55' E., on random line, bet. secs. 15 and 22.
40.00	Set temp. ∡ sec. cor.
79.88	Intersect the true point for the cor. of secs. 14, 15, 22, and 23.
	Thence:
	From the true point for the cor. of secs. 14, 15, 22, and 23, which is N. 11 lks. and W. 44 lks. from the witness cor. to the cor. of said secs.
	S. 89°55' W., on true line, bet. secs. 15 and 22.
	Descend abrupt ledgy SW. slope of broken mountainous land, through scattered timber and dense undergrowth.
5.30	Draw, 120 ft. below cor., drains S. 30° E.; ascend gradual SE. slope.
7.30	Base of white ledges, bears NW. and SE.
15.00	Small draw, drains S. 60° E.; continue ascent.
24.00	Junction of spurs projecting SE. and S. 60° W. from the N., 330 ft. above the draw at the5.30 chs. point; descend steep W. slope.
29.00	Enter slide rock, bears N. and S.
39.94	On rocky NW. slope in slide rock, 370 ft. below junction of spurs.
	Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ∡ sec. cor., with brass cap marked S15 / S22 1936
	from which
	A pinon, 14 ins. diam., bears S. 80° W., 32 lks. dist., marked ∡ S22 BT.
	A pinon, 12 ins. diam., bears N. 70° W., 20 lks. dist., marked ∡ S15 BT.
45.40	Large draw, 180 ft. below the ∡ sec. cor., drains SW.; ascend gradually along S. slope.
52.80	Spur, 40 ft. above draw, projects SW.; descend steep W. slope.
58.40	Small stream of good water in deep draw, 80 ft. below spur, flows S. 30° E.; ascend steep NE. slope.
67.00	Spur, 250 ft. above stream, projects NE.; descend steep W. slope.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
73.40	Draw, 80 ft. below spur, drains S.; ascend steep E. slope
79.88	The cor. of secs. 15, 16, 21, and 22, 180 ft. above draw.
	Land, broken and mountainous, with a general southwesterl exposure and drainage.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.
	N. 0°02' W., bet. secs. 15 and 16.
	Ascend steep SE. slope of rough mountainous land, through scattered timber and dense undergrowth.
1.70	Spur, 25 ft. above cor., slopes SE.; continue ascent.
13.00	Top of saddle in spur, 200 ft. above sec. cor., projects SE.; descend abrupt N. slope.
17.00	Draw, 100 ft. below spur, drains N. 70° E.; ascend gradua S. slope.
21.00	Small spur, 40 ft. above draw, slopes S. 75° E.; descend gradual NE. slope.
24.50	Draw, 50 ft. below rise, drains SE.; ascend steep SE. slope.
33.80	Ascent becomes more abrupt, bears NE. and SW.
40.00	On abrupt S. slope, 320 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 S16 | S15 1936 mound of stone, 3 ft. base, 2 ft. high, W. raise a of cor.
44.80	Top of divide ridge bet. the drainage into Slaughter Canyo to the SW. and Sheep Corral Canyon to the NW., 180 ft. above the ¼ sec. cor., bears E. and S. 80° W.; descend steep N. slope.
57.50	Draw, 320 ft. below ridge, drains N. 30° E.; continue descent over broken E. slope.
71.80	Low flat rise, projects N. 15° E.; descend gradual NW. slope.
80.00	On gradual NW. slope, 510 ft. below ridge.
	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

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	T38S | R19W S9 | S10 S16 | S15 1936
	from which
	A pinon, 10 ins. diam., bears N. 73°30' W., 378 lks. dist., marked T38S R19W S9 BT.
	No other bearing trees available.
	Land, broken and mountainous, with a general northerly and southerly exposure and drainage.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, oak, sage, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.
	N. 89°58' E., on random line, bet. secs. 10 and 15.
40.00	Set temp. . sec. cor.
79.90	Intersect the N. and S. line, 7 lks. S. of the cor. secs. 10, 11, 14, and 15.
	Thence:
	S. 89°52' W., on true line, bet. secs. 10 and 15.
	Ascend gradual .. slope of rough mountainous land, through scattered timber and dense undergrowth.
3.80	Spur, 20 ft. above cor., projects N. 60° .; descend S.W. slope.
6.80	Spur, 40 ft. below last spur, projects S.W.; descend steep N.W. slope.
22.80	Base of descent, 240 ft. below last spur, bears N.W. and S.E.; ascend gradual N.E. slope.
38.90	Recross top of spur, 80 ft. above base of descent, projects N. 35° W.; thence over rolling top of spur.
39.95	On SW. edge of top of spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	¼ S10 / S15 1936
	from which
	A juniper, 4 ins. diam., bears S. 60° E., 156 lks. dist., marked ¼ S15 BT.
	No other bearing tree available.

U. S. GOVERNMENT PRINTING OFFICE 6—8455

Chains	
	Thence, descend steep SW. slope.
60.30	Draw, 230 ft. below the ¼ sec. cor., drains N. 30° W.; continue descent.
63.50	Small draw, drains N., 1.00 chs. dist. to junction with last draw.
76.50	Small draw, drains N. 30° W.
78.40	Small rise, slopes N.
79.30	Small draw, drains N. 10° E.
79.90	The cor. of secs. 9, 10, 15, and 16, 580 ft. below the ¼ sec. cor.
	Land, broken and mountainous, with a general northwesterly exposure and drainage.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.

November 4, 1936: Stationed at the cor. of secs. 9, 10, 15, and 16, in approximate latitude 37°29' N., longitude 113°58' W., at 5h35.7m p.m. local mean time, I make an observation on Polaris east of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 35.00 chs. N., in a clockwise direction to the star.

Watch time of observation (correct 105th Meridian Standard Time)..... 6h 11.2m p.m.

Mean horizontal angle, flag to star..... 1° 18.5' E.

Azimuth of Polaris..... 1° 16.5' E.

True bearing to flag pole..... N. 0°02' W.

Thence, from the above cor.

N. 0°02' W., bet. secs. 9 and 10.

Over broken mountainous land, through scattered timber and dense undergrowth.

8.20	Draw, 40 ft. below cor., drains N. 60° E.; ascend gradually.
9.50	Low spur, 40 ft. above draw, projects NE.; descend gradual N. slope.
12.40	Bottom of Sheep Corral Canyon, 130 ft. below spur, drains N. 75° W.; ascend steep S. slope.
35.80	High spur, 580 ft. above canyon, projects W.; descend steep N. slope.
40.00	On steep N. slope, 120 ft. below spur.

SUBDIVISION OF, T. 38 S., R. 19 W.

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 S9 | S10 1936 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	No bearing trees available.
50.70	Draw, 200 ft. below the ¼ sec. cor., drains W.; ascend gradual S. slope.
54.30	Spur, 10 ft. above draw, slopes W.; descend.
58.00	Draw, 110 ft. below spur, drains SW.; ascend.
59.60	Base of rhyolite ledges, bears E. and W.
62.60	Top of rhyolite outcropping, 140 ft. above draw; descend broken E. slope of outcropping.
66.50	Base of descent, 40 ft. below top, bears E. and W.; ascend steep SE. slope.
76.05	Forest Service fence, bears E. and N. 70° W.
76.70	Ridge, 260 ft. above draw, bears N. 70° W., and E., about 13.00 chs. dist., thence SE.; high peak on ridge about 4.00 chs. to the NW.; descend abrupt E. slope.
80.00	On abrupt E. slope, 70 ft. below top of ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 3, 4, 9, and 10, with brass cap marked T38S | R19W S4 | S3 S9 | S10 1936 from which
	A pinon, 8 ins. diam., bears N. 6° E., 272 lks. dist., marked T38S R19W S3 BT.
	A pinon, 6 ins. diam., bears S. 68°30' E., 10 lks. dist., marked T38S R19W S10 BT.
	A pinon, 9 ins. diam., bears S. 87° W., 66 lks. dist., marked T38S R19W S9 BT.
	A pinon, 5 ins. diam., bears N. 31° W., 203 lks. dist., marked T38S R19W S4 BT.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow sand and clay, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, manzanita, and mahogany.

U. S. GOVERNMENT PRINTING OFFICE 0—8155

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Timber, juniper and pinon.
	Fair grazing land.
	N. 89°52' E., on random line, bet. secs. 3 and 10.
40.00	Set templ ¼ sec. cor.
79.86	Intersect the N. and S. line, 5 lks. N. of the cor. secs. 2, 3, 10, and 11.
	Thence:
	S. 89°54' W., on true line, bet. secs. 3 and 10.
	Descend gradually along brushy S. slope of high mountainou land, through dense undergrowth and scattered timber.
10.00	Low rolling ridge, bears NE., and SW., 2.00 chs. dist., thence S.; descend gradual W. slope.
17.30	Small draw, 130 ft. below sec. cor., drains S. 70° W.; ascend gradually.
21.10	Top of white ledge, 10 ft. above draw, bears N. 60° W. and S. 60° E.; descend.
27.30	Small wash in narrow ravine, 130 ft. below ledge, drains S. 60° W.; continue descent.
30.60	Low spur, 10 ft. high, slopes S. 40° W., 5.00 chs. to end.
37.80	Ravine, 10 ft. deep, drains S. 70° W.
39.93	On low rise, 360 ft. below sec. cor., slopes SE.
	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 1938 from which
	A pinon, 12 ins. diam., bears S. 31° W., 41 lks. dist., marked ¼ S10 BT.
	A pinon, 5 ins. diam., bears N. 88°45' W., 78 lks. dist., marked ¼ S3 BT.
43.50	Small stream of good water, in wash, 5 lks. wide, 1 ft. deep, in bottom of Collo Flat, 50 ft. below the ¼ sec. cor., flows NW.; ascend gradual SE. slope.
45.50	Top of rocky spur, 60 ft. above stream, slopes SE.; descend gradually.
52.10	Recross top of spur, projects N., 3.00 chs. to rocky point, thence easterly; continue descent.
54.90	Forest Service trail, bears NW. and SE.
58.50	Line of metal fence posts, bears NW. and SE., in bottom of brushy draw, 50 ft. below rocky point, drains NW.; ascend

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
67.40	Low spur, 60 ft. above draw, slopes N.; descend gradually.
70.40	Brushy draw near head, 10 ft. below spur, drains N. 30° E.; ascend gradual N. and NE. slopes.
75.00	Spur, projects N. 70° E., 8.00 chs. dist. to end; continue ascent.
79.86	The cor. of secs. 3, 4, 9, and 10, 260 ft. above draw.
	Land, broken and mountainous, with a general northwesterly exposure and drainage.
	Soil, shallow black loam with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush.
	Timber, juniper and pinon.
	Good grazing land.

N. 0°13' E., on random line, bet. secs. 3 and 4.

40.00 Set temp. ¼ sec. cor.

71.80 Intersect the N. bdy. of the township, 6 lks. E. of the cor. secs. 3, 4, 33, and 34, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 37 S., R. 19 W., Group 14, Utah.

Thence:

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

Descend gradual S. and SW. slopes of high mountainous land, through dense undergrowth and scattered timber.

10.60 Bottom of wide draw, 20 ft. below cor., drains N. 70° W.; ascend rocky N. slope.

20.80 Top of ledgy spur, 270 ft. above draw, projects N. 70° W.; descend steep SW. slope.

28.80 Bottom of depression on SW. slope, drains SW.; continue descent.

31.80 On SW. slope, 300 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

S4 | S3

1938

from which

A pinon, 12 ins. diam., bears N. 82°30' E., 54 lks. dist., marked ¼ S3 BT.

A juniper, 8 ins. diam., bears S. 77° W., 37 lks. dist., marked ¼ S4 BT.

36.40 Dim trail, bears NW. and SE.

37.00 Forest Service fence, bears NW. and SE.

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SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
40.80	Ravine near head, 10 ft. deep, drains SW.; continue desc
47.00	Rim of canyon, bears NW. and S. 70° E.; descend steep S. slope.
50.30	Stream of good water, 2 lks. wide, 1 in. deep, in bottom of Pine Park Canyon, 90 ft. below the ¼ sec. cor., flows N. 40° W.; clump of aspen timber in bottom of canyon, 2.00 chs. to the E. of line, and also one 6.00 chs. to the W. of line; ascend gradually.
59.30	Spur, projects N. 70° E.; from this point, a stock corral bears N. 63°50' E., about 48.00 chs. dist.; ascend NE. ar E. slopes.
69.70	Draw, near head, drains N. 70° E.
71.80	The cor. of secs. 3, 4, 9, and 10, 500 ft. above stream.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow dark loam and rock; 4th rate.
	Undergrowth, oak, sage, service berry, and buck brush.
	Timber, juniper and pinon.
	Good grazing land.
	From the cor. of secs. 32 and 33, on the S. bdy. of the township, an iron post, 2 ins. diam., set, marked, and wi nessed, as described in the official record of the survey of T. 39 S., R. 19 W., Group 109, Utah.
	N. 0°03' W., bet. secs. 32 and 33.
	Ascend gradually along general E. slope of rough mountain ous land, through medium dense timber and dense undergrow
25.30	Bottom of deep draw, drains E., about 12.00 chs. dist. to its junction with Slaughter Canyon; ascend gradual SE. slope.
34.00	Spur, projects SE.; ascend gradual SW. slope.
36.60	Small draw, drains SE.; thence ascend along E. slope.
40.00	On general E. slope, 180 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

S32 | S33

1936

from which

A juniper, 9 ins. diam., bears S. 88° E., 14 lks. dist., marked ¼ S33 BT.

A juniper, 4 ins. diam., bears N. 60° W., 28 lks. dist., marked ¼ S32 BT.

Thence, ascend steep SW. slope.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
49.20	Top of rocky spur, 240 ft. above the ¼ sec. cor., projects SE.; descend steep N. slope.
54.20	Head of draw, 100 ft. below spur, drains E.; ascend SE. slope.
58.10	Top of rocky knoll, 60 ft. above head of draw, bears E. and W.; descend steep NE. slope.
64.40	Bottom of deep narrow draw, 100 ft. below knoll, drains S. 70° E.; ascend gradual S. slope.
67.60	Spur, 90 ft. above draw, projects S. 80° E.; descend steep N. slope.
73.60	Small draw, 80 ft. below spur; drains E.; ascend gradual SE. slope.
76.00	Small spur, projects SE.
78.90	Small draw, drains SE.
80.00	On gradual NE. slope, 60 ft. above the draw at the 73.60 chs. point. Set an iron post, 3 ft. long, 2 ins. diam., 7 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 28, 29, 32, and 33, with brass cap marked T38S | R19E S29 | S28 S32 | S33 1936 from which A juniper, 8 ins. diam., bears N. 79° E., 33 lks. dist., marked T38S R19W S28 BT. A pinon, 10 ins. diam., bears S. 2° E., 91 lks. dist., marked T38S R19W S33 BT. A juniper, 8 ins. diam., bears S. 42° W., 75 lks. dist., marked T38S R19W S32 BT. A pinon, 11 ins. diam., bears N. 52°30' W., 97 lks. dist., marked T38S R19W S29 BT. Land, broken and mountainous, with a general easterly exposure and drainage. Soil, shallow clay and sand, with a rocky surface; 4th rate. Undergrowth, sage, oak, service berry, and black brush, manzanita, and desert almond. Timber, juniper and pinon. Fair grazing land.
	East, on random line, bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the cor. of secs. 27, 28, 33, and 34.

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SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Thence:
	West, on true line, bet. secs. 28 and 33.
	Descend gradually over broken mountainous land, through medium dense timber and dense undergrowth.
11.10	Small draw, drains S. 65° W.
17.90	Saddle in top of spur, projects S. 40° W.
32.90	Bottom of Slaughter Canyon, 330 ft. below sec. cor., drains S. 20° W.; ascend gradually.
38.30	Low spur, 80 ft. above bottom of canyon, projects S. 60° W.; descend gradual W. slope.
39.95	On gradual W. slope, 10 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S28 / S33 1936 from which
	A juniper, 5 ins. diam., bears S. 42° W., 125 lks. dist., marked ¼ S33 BT.
	A juniper, 7 ins. diam., bears N. 32° W., 167 lks. dist., marked ¼ S28 BT.
42.00	Draw, drains S. 20° E.
45.30	Small draw, drains S. 80° E.
53.00	Rocky spur, projects S. 60° E.
56.30	Depression on S. slope, drains S. 80° E.
59.80	Top of rocky knoll, 260 ft. above the ¼ sec. cor., bears S. 25° W. and N. 10° E.; descend steep rocky W. slope.
64.50	Rocky draw, 80 ft. below knoll, drains S. 10° E.; ascend general W. slope.
73.50	Small rise, bears N. 35° W. and S. 55° E.
76.00	Small draw, drains SE.
79.90	The cor. of secs. 28, 29, 32, and 33, 70 ft. above rocky draw.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, shallow sand and clay, with outcroppings of rhyolite; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Fair grazing land.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	N. 0°03' W., bet. secs. 28 and 29.
	Descend gradual NE. slope of broken mountainous land, through scattered timber and dense undergrowth.
1.50	Small draw, 10 ft. below cor., drains S. 30° E.; ascend gradual SW. slope.
4.60	Top of a white rhyolite outcropping, bears NW., 2.00 chs. dist., and SE., 50 lks. dist.
15.70	Spur, 300 ft. above sec. cor., projects S. 70° E.; descend steep N. slope.
23.40	Draw, 60 ft. below spur, drains E., 2.00 chs. dist. to junction with draw draining SE.; ascend.
24.20	Low spur, 30 ft. above draw, slopes E.; descend gradual NE. slope.
26.20	Draw, 30 ft. below spur, drains SE.; ascend gradual S. slope.
27.40	Low spur, 60 ft. above draw, projects E.; descend gradual N. slope.
33.20	Draw, 20 ft. below spur, drains S. 80° E.; ascend steep S. slope.
40.00	On steep S. slope, 180 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked S29 | S28 1936 from which
	A juniper, 4 ins. diam., bears S. 49° W., 175 lks. dist., marked ¼ S29 BT.
	No other bearing tree available.
45.70	Rocky spur, 190 ft. above the ¼ sec. cor., projects E.; descend.
47.30	Draw, 70 ft. below spur, drains E.; ascend gradually.
52.90	Small spur, 20 ft. above draw, projects E.; descend gradual NE. slope.
56.50	Depression on NE. slope, 70 ft. below spur, drains SE.; ascend steep S. slope.
65.50	Top of divide ridge bet. Slaughter Canyon and the Beaver Dam Wash, 80 ft. above depression, bears N. 30° E. about 8.00 chs. dist. to a peak and S. 20° W., about 10.00 chs. dist. to a peak; ascend along W. slope.
75.00	Spur, 110 ft. above ridge, projects N. 80° W.; descend along steep broken W. slope.
80.00	On steep W. slope, 30 ft. below spur.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in th ground to solid rock and in a large mound of stone, for cor. of secs. 20, 21, 28, and 29, with brass cap marked T38S | R19W S20 | S21 S29 | S28 1936 from which A juniper, 8 ins. diam., bears S. 67° E., 171 lks. dist., marked T38S R19W S28 BT. A juniper, 8 ins. diam., bears S. 5°14' W., 400 lks. dist., marked T38S R19W S29 BT. No other bearing trees available. Land, broken and mountainous, with a general southeasterl exposure and drainage. Soil, shallow sand and clay, with a rocky surface; 4th rate. Undergrowth, sage, oak, service berry, and black brush, mahogany, and desert almond. Timber, juniper and pinon. Fair grazing land.
	East, on random line, bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
79.96	Intersect the N. and S. line, 3 lks. S. of the cor. secs. 21, 22, 27, and 28.
	Thence:
	S. 89°59' W., on true line, bet. secs. 21 and 28.
	Over broken mountainous land, through scattered timber and dense undergrowth.
0.40	Bottom of small draw, drains S. 75° E.
1.90	Low spur, slopes S. 70° E., 2.00 chs. dist. to end.
3.10	Draw, drains S. 60° E.
6.30	Draw, drains NE., 2.00 chs. dist. to junction with last draw.
9.70	Recross draw, drains SE.
22.00	Recross draw, drains N. 60° E., and heads SW., about 5.00 chs. dist.; ascend steep SE. slope.
29.20	Spur, 160 ft. above sec. cor., projects N. 60° E.; descend gradually.
31.40	Small depression on E. slope, drains NE., 20 ft. below spu
35.00	Spur, 50 ft. above depression, projects N.; thence along N. slope.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
39.98	On gradual N. slope, Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S21 / S28 1936 deposit a sandstone, 10 x 10 x 4 ins., at base of post, marked X. No bearing trees available.
49.50	Depression on N. slope, drains NE.
56.80	Spur, 260 ft. above the ¼ sec. cor., projects N. 20° E.; descend gradually.
62.50	Draw, 30 ft. below spur, drains NE.; ascend steep E. slope.
72.70	Spur, 260 ft. above draw, projects NE.; descend.
72.90	Top of divide ridge bet. Slaughter Canyon and Beaver Dam Wash, 20 ft. below spur, bears N. and S.; descend abruptly.
79.96	The cor. of secs. 20, 21, 28, and 29, 180 ft. below ridge. Land, broken and mountainous, with a general northeasterly exposure and drainage. Soil, shallow clay and sand, with a rocky surface; 4th rate. Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita. Timber, juniper and pinon. Fair grazing land.

N. 0°03' W., bet. secs. 20 and 21.

Over broken mountainous land, through scattered timber and dense undergrowth.

4.30	Draw, 40 ft. below cor., drains S. 50° W.; ascend steep S. slope.
12.20	Rocky top of divide ridge bet. Slaughter Canyon and Beaver Dam Wash, 190 ft. above draw, bears N. 25° W. and S. 75° E.; descend along E. slope.
21.20	Draw, 120 ft. below ridge, drains S. 60° E.; ascend along E. slope.
29.40	Slope changes from a gradual E. slope to a steep SW. slope.
39.90	Recross top of divide, 400 ft. above draw, bears NE., and W., 5.00 chs. dist., thence SW.; spur projects SE. from ridge at this point.
40.00	Near top of ridge.

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SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	Set an iron post, 3 ft. long, 2 in. diam., 18 ins. in the ground, to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S20 | S21 1936 from which
	A pinon, 5 ins. diam., bears N. 72° W., 369 lks. dist., marked ¼ S20 BT.
	No other bearing tree available.
	Thence along steep broken N. slope.
65.00	Recross top of divide ridge, bears N. 10° W. and S. 10° E. ascend steep SE. slope of high peak on ridge.
67.60	Top of ascent on E. slope of high peak and top of divide ridge bet. the drainage to the NW. and the drainage to the SE., 470 ft. above the ¼ sec. cor.; ridge bears NE. and SW., about 1.00 chs. dist. to top of peak; from top of peak divide ridge bear S. 10° E. and NW.; descend steep N. slo
80.00	On steep N. slope, 290 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and in a mound of stone, for cor. of secs. 16, 17, 20, and 21, with brass cap marked T38S | R19W S17 | S16 S20 | S21 1936 from which
	A pinon, 6 ins. diam., bears S. 69° W., 318 lks. dist., marked T38S R19W S20 BT.
	No other bearing trees available.
	Land, rough and mountainous, with a general easterly and westerly exposure and drainage.
	Soil, shallow clay, sand, and gravel, with a rocky surface 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Fair grazing land.
	N. 89°59' E., on random line, bet. secs. 16 and 21,
40.00	Set temp. ¼ sec. cor.
79.90	Intersect the N. and S. line, 3 lks. N. of the cor. secs. 15, 16, 21, and 22.

SUBDIVISION OF T. 26 S., R. 19 W.

Chains	
	Thence:
	West, on true line, bet. secs. 16 and 21.
	Ascend gradual SE. slope of rough mountainous land, through scattered timber and dense undergrowth.
7.00	Depression on S. slope, drains S.
10.80	Spur, 60 ft. above cor., projects S.; descend gradual SW. slope.
19.80	Head of draw, 80 ft. below spur; drains S. 30° E.; ascend gradually.
26.60	Spur, 40 ft. above head of draw, slopes S.; descend gradually along S. slope.
28.20	Timber becomes more dense, bears N. and S.
38.40	Draw, 180 ft. below spur, drains SE.; ascend.
39.95	On gradual E. slope, 40 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground and in a mound of stone, for ¼ sec. cor., with brass cap marked ¼ S16 / S21 1936 from which
	A juniper, 8 ins. diam., bears N. 36°15' E., 60 lks. dist., marked ¼ S16 BT.
	A pinon, 14 ins. diam., bears S. 30° E., 15 lks. dist., marked ¼ S21 BT.
42.00	Spur, 40 ft. above the ¼ sec. cor., slopes S.; descend gradual S. slope.
54.50	Small draw, 60 ft. below spur, drains SE.; ascend steep NE. slope.
73.40	Divide ridge, 450 ft. above draw, bears SW., and NE., about 7.00 chs. dist. to low saddle in top of same; descend gradually along N. slope.
79.90	The cor. of secs. 16, 17, 20, and 21, 15 ft. below top of ridge.
	Land, broken and mountainous, with a general southeasterly exposure and drainage.
	Soil, shallow clay, sand, gravel, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Fair grazing land.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	N. 0°03' W., bet. secs. 16 and 17.
	Descend steep N. slope of rough mountainous land, through scattered timber and dense undergrowth.
19.00	Draw, 410 ft. below cor., drains N. 70° W.; ascend gradua S. slope.
24.30	Low spur, 40 ft. above draw, projects N. 70° W.; descend gradually.
32.40	Small draw, 50 ft. below spur, drains SW.; ascend gradual S. slope.
37.80	Small spur, 100 ft. above draw, projects SW.; descend gradual NW. slope.
40.00	On gradual NW. slope, 15 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground and in a mound of stone, for ¼ sec. cor., with brass cap marked ¼ S17 | S16 1936 deposit a sandstone, 10 x 10 x 5 ins., at base of post, marked X.
	No other accessories available.
43.90	Draw, 20 ft. below the ¼ sec. cor., drains S. 15° W.; ascend steep S. slope.
55.60	Ascent becomes more abrupt, bears E. and W.
67.50	Top of high divide ridge, 670 ft. above draw, bears N. 75° W. and S. 75° E.; descend steep N. slope.
80.00	On steep N. slope, 240 ft. below top of ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and in a mound of stone, for cor. secs. 8, 9, 16, and 17, with brass cap marked T38S | R19W S8 | S9 S17 | S16 1936 deposit a sandstone, 9 x 9 x 3 ins., at base of post, marked X.
	No bearing trees available.
	Land, broken and mountainous, with a general northerly and southwesterly exposure and drainage.
	Soil, shallow clay, sand, and gravel, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon. Fair grazing land.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	East, on random line, bet. secs. 9 and 16.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect the N. and S. line, 7 lks. S. of the cor. secs. 9, 10, 15, and 16.
	Thence:
	S. 89°57' W., on true line, bet. secs. 9 and 16.
	Over broken mountainous land, through scattered timber and dense undergrowth.
3.20	Small draw, drains NE., 3.00 chs. dist., thence N.
5.10	Small spur, slopes NE., about 3.50 chs. dist. to end.
8.30	Small draw, drains NE.
15.60	Low spur, projects NE.
19.00	Head of draw, drains NW.
22.60	Low spur, projects N. 30° W.
27.20	Draw, drains N. 30° W.
28.80	Low spur, slopes NW.
32.00	Ravine, drains NW.
36.20	Small rise, slopes NW.
39.96	On gradual NW. slope, 40 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 S9 / S16 1936 from which
	A pinon, 4 ins. diam., bears S. 40° E., 278 lks. dist., marked ¼ S16 BT.
	A pinon, 3 ins. diam., bears N. 35° W., 105 lks. dist., marked ¼ S9 BT.
42.70	Draw, 40 ft. below the ¼ sec. cor., drains N.; ascend gradually along N. slope.
66.30	Short spur, slopes N. 30° E.
70.10	Small draw, drains NE.
74.00	Small spur, slopes NE.
79.92	The cor. of secs. 8, 9, 16, and 17, 340 ft. above the draw at the 42.70 chs. point.
	Land, broken and mountainous, with a general northerly exposure and drainage.
	Soil, shallow clay, sand, and gravel, with a rocky surface; 4th rate.

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SUBDIVISION 07, T. 38 S., R. 19 W.

Chains	
	Undergrowth, sage, service berry, oak, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.
	N. 0°03' W., bet. secs. 8 and 9.
	Descend abrupt N. slope of broken mountainous land, through scattered timber and dense undergrowth.
11.00	Descend becomes gradual, bears E. and W.
39.40	Top of S. rim of Parker Canyon, bears E. and W.; descend abrupt N. slope.
40.00	On abrupt N. slope, 450 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S8 | S9 1936 from which
	A pinon, 4 ins. diam., bears N. 85° E., 12 lks. dist., marked ¼ S9 BT.
	A pinon, 8 ins. diam., bears S. 80° W., 103 lks. dist., marked ¼ S8 BT.
42.60	Bottom of Parker Canyon, 110 ft. below the ¼ sec. cor., drains W.; ascend gradually.
48.00	Top of N. rim of canyon, 140 ft. above bottom, bears E. and W.; ascend gradual S. slope.
62.40	Top of white rhyolite ledges, 90 ft. above rim of canyon, bears E. and W.; thence over surface rock.
66.60	Top of gradual descent over NW. slope, bears NE. and SW.
70.60	Draw, 80 ft. below top of ledges, drains W.; ascend gradually.
78.10	Small rise, 50 ft. above draw, slopes W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 4, 5, 8, and 9, with brass cap marked T38S | R19W S5 | S4 S8 | S9 1936 from which
	A pinon, 4 ins. diam., bears N. 17°30' E., 69 lks. dist., marked T38S R19W S4 BT.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	A pinon, 6 ins. diam., bears S. 83° E., 70 lks. dist., marked T38S R19W S9 BT.
	A pinon, 10 ins. diam., bears S. 29°45' W., 53 lks. dist., marked T38S R19W S8 BT.
	A pinon, 8 ins. diam., bears N. 47° W., 36 lks. dist., marked T38S R19W S5 BT.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow sand, clay, and gravel, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush.
	Timber, juniper and pinon.
	Good grazing land.
	N. 89°57' E., on random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.94	Intersect the N. and S. line, 7 lks. N. of the cor. secs. 3, 4, 9, and 10.
	Thence:
	West, on true line, bet. secs. 4 and 9.
	Ascend steep E. slope of rough mountainous land, through dense timber and undergrowth.
3.70	Rocky ridge, 70 ft. above cor., bears N. 60° W. and S. 60° E.; descend steep SW. slope, over broken ledges.
16.70	Descent becomes gradual, bears NW. and SW.
19.50	Base of ledges, 230 ft. below ridge, bears NW. and SW.; thence over surface rock.
32.10	Head of small draw, 70 ft. below base of ledges, drains S. 15° W.; ascend ledgy E. slope.
36.80	Ledgy spur, 20 ft. above draw, projects S.; descend gradually along S. slope.
39.97	On gradual S. slope, 20 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S4 / S9 1936 from which
	A pinon, 9 ins. diam., bears N. 63° E., 99 lks. dist., marked ¼ S4 BT.
	A pinon, 14 ins. diam., bears S. 22°30' E., 75 lks. dist., marked ¼ S9 BT.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	Thence descend abrupt SW. slope, over rhyolite ledges.
49.50	Base of ledges, bears NW. and SE.; continue descent.
53.70	Small draw, 330 ft. below the ¼ sec. cor., drains N. 75° small stream of good water in draw.
60.20	Recross draw, 60 ft. below last crossing; drains SW.; ascend ledgy E. slope.
66.80	Small spur, 20 ft. above draw, slopes S., 2.50 chs. dist. to end; descend gradually.
70.30	Draw, 40 ft. below spur, drains SE.; ascend gradual NE. slope.
78.90	Low spur, 40 ft. above draw, projects SE.; descend gradual SW. slope.
79.94	The cor. of secs. 4, 5, 8, and 9, 20 ft. below spur.
	Land, broken and mountainous, with a general southwesterly exposure and drainage.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.

October 18, 1938: Stationed at the cor. of secs. 4, 5, 8, and 9, in approximate latitude 37°31' N., longitude 114°00 W., with instrument No. 16726, at 7h 43.6m a.m. local mean time, I make an hour angle observation on Polaris W. of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 20.00 chs. to the N. of my station, in a counter clockwise direction to the star.

Watch time of observation (correct 105th Meridian Standard Time)..... 8h 19.6m a.m.

Mean horizontal deflection angle flag to star 1° 18' W.

Azimuth of Polaris..... 1° 09' W.

True bearing to flag pole..... N. 0°09' E.

Thence, from the above cor.

N. 0°09' E., on random line, bet. secs. 4 and 5,

40.00	Set temp. ¼ sec. cor.
71.80	Intersect the N. bdy. of the township, 6 lks. E. of the cor. secs. 4, 5, 32, and 33, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 37 S., R. 19W., Group 14, Utah.

Thence:

S. 0°06' W., on true line, bet. secs. 4 and 5.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	Ascend gradual N. slope of broken mountainous land, through scattered timber and dense undergrowth.
3.20	Ravine, 15 ft. deep, drains NW.; continue ascent.
11.20	Top of ledgy N. rim of Pine Park Canyon, 70 ft. above cor., bears E. and W.; descend abruptly over conglomerate ledges on S. slope.
17.20	Bottom of Pine Park Canyon, 260 ft. below top of N. rim, drains S. 85° W., about 8.00 chs. dist., thence NW.; ascend abrupt N. slope.
21.60	Top of S. rim of canyon, bears E. and W.; thence ascend broken NE. slope.
30.20	Low spur, 100 ft. above bottom of canyon, projects E.; descend gradually over general E. slope.
31.80	On general E. slope, 20 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	¼ S5 | S4 1938
	from which
	A juniper, 8 ins. diam., bears N. 37° E., 67 lks. dist., marked ¼ S4 BT.
	A pinon, 7 ins. diam., bears N. 70° W., 46 lks. dist., marked ¼ S5 BT.
41.20	Draw, 160 ft. below the ¼ sec. cor., drains NE.; ascend.
53.00	Forest Service fence, bears N. 85° W. and S. 85° E.
53.40	Rocky ridge, 370 ft. above draw, bears N. 80° W. and S. 80° E.; descend steep SW. slope.
66.30	Rocky draw, 180 ft. below ridge, drains N. 85° W.; ascend gradually.
71.00	Low spur, slopes NW.
71.80	The cor. of secs. 4, 5, 8, and 9, 50 ft. above draw.
	Land, broken and mountainous, with a general westerly and northwesterly exposure and drainage.
	Soil, shallow clay and sand, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and weeds.
	Timber, juniper and pinon.
	Good grazing land.
	From the cor. of secs. 31 and 32, on the S. bdy. of the township, an iron post, 2 ins. diam., set, marked, and

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SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	witnessed, as described in the official record of the survey of T. 39 S., R. 19 W., Group 109, Utah.
	N. 0°03' W., bet. secs. 31 and 32.
	Ascend general E. slope of broken mountainous land, through scattered timber and dense undergrowth.
1.90	Draw, drains S. 50° E.; continue ascent.
14.80	Draw, drains E., 2.00 chs. dist., thence S. 50° E.; thence ascend steep S. slope.
27.00	Ridge, 370 ft. above cor., bears E. and W.; descend abrupt N. slope.
40.00	On abrupt N. slope, 290 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S31 | S32 1936 from which
	A juniper, 6 ins. diam., bears N. 80°45' E., 63 lks. dist., marked ¼ S32 BT.
	No other bearing tree available.
44.50	Spur, 90 ft. above the ¼ sec. cor., projects S. 50° W.; descend.
52.40	Draw, 230 ft. below spur, drains N. 80° W.
57.50	Spur, 80 ft. above draw, projects S. 70° W.
61.50	Draw, 160 ft. below spur, drains S. 80° W.
68.00	Top of rise, bears E. and W.; continue ascent.
74.40	Spur, 80 ft. above draw, projects NW.; descend abrupt N. slope.
80.00	On abrupt N. slope, 100 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and in a mound of stone, for cor. secs. 29, 30, 31, and 32, with brass cap marked T38S | R19W S30 | S29 S31 | S32 1936 from which
	A juniper, 7 ins. diam., bears N. 19° E., 42 lks. dist., marked T38S R19W S29 BT.
	A juniper, 8 ins. diam., bears S. 52° E., 51 lks. dist., marked T38S R19W S32 BT.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	A juniper, 8 ins. diam., bears S. 21°45' W., 69 lks. dist., marked T38S R19W S31 BT.
	A juniper, 6 ins. diam., bears N. 61°45' W., 84 lks. dist., marked T38S R19W S30 BT.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow clay and sand, with a rocky surface; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Fair grazing land.
	East, on random line, bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect the N. and S. line, 9 lks. S. of the cor. secs. 28, 29, 32, and 33.
	Thence:
	S. 89°56' W., on true line, bet. secs. 29 and 32.
	Ascend abrupt SE. slope of broken mountainous land, through dense timber and undergrowth.
2.50	Small spur, projects SE.
14.50	Small spur, projects S. 20° W.
18.20	Small draw, drains S. 15° W.
29.40	Draw, drains S. 20° W.
39.20	Draw, drains S.
39.96	On gradual S. slope, 270 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S29 / S32 1936 from which
	A juniper, 4 ins. diam., bears N. 5° E., 39 lks. dist., marked ¼ S29 BT.
	A juniper, 5 ins. diam., bears S. 13°30' E., 67 lks. dist., marked ¼ S32 BT.
43.00	Top of divide ridge bet. Slaughter Canyon and Beaver Dam Wash, 10 ft. above the ¼ sec. cor., bears NE. and S. 30° W., about 7.00 chs. dist. to a saddle; descend gradually.

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SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
62.20	Draw, drains N. 80° W.; thence along general N. slope.
72.80	Spur, projects N. 60° W., about 2.00 chs. dist. to end.
79.92	The cor. of secs. 29, 30, 31, and 32, 140 ft. below divid ridge.
	Land, broken and mountainous, with a general southerly and westerly exposure and drainage.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush.
	Timber, juniper and pinon.
	Fair grazing land.
	West, on random line, bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
76.66	Intersect the W. bdy. of the township, 12 lks. N. of the cor. secs. 25, 30, 31, and 36, an iron post, 2 ins. diam. set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 20 W., of this group
	Thence:
	N. 89°55' E., on true line, bet. secs. 30 and 31.
	Ascend abrupt SW. slope of broken mountainous land, throu scattered timber and undergrowth.
8.40	Rocky spur, 160 ft. above cor., projects S. 10° W.; thenc ascend gradually over broken ledges.
17.50	Spur, 240 ft. above sec. cor., projects S. 60° E.; descen general NE. slope.
22.20	Top of rocky outcropping on NE. slope.
30.70	Telephone line, bears S. 10° E. and N. 10° W., abandonded.
32.50	Wash in large main draw, 410 ft. below spur, drains S. 40° E., 4.00 chs. dist., thence S. 50° W.; intermittent seeps of good water in bottom of wash; ascend steep rocky NW. slope.
39.66	On steep rocky NW. slope, 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 S30 / S31
	1936
	from which
	A juniper, 4 ins. diam., bears N. 32° E., 33 lks. dist., marked ¼ S30 BT.
	A juniper, 12 ins. diam., bears S. 9° W., 13 lks. dist., marked ¼ S31 BT.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
52.00	Spur, 250 ft. above the ¼ sec. cor., projects N. 80° W.; descend broken NE. slope.
70.00	Small spur, slopes N. 60° W.
78.66	The cor. of secs. 29, 30, 31, and 32, 70 ft. below the spur at the 52.00 chs. point.
	Land, rough and mountainous, with a general westerly exposure and drainage.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush,
	Timber, juniper and pinon.
	Good grazing land.
	N. 0°03' W., bet. secs. 29 and 30.
	Descend abrupt NE. slope of broken mountainous land, through scattered timber and dense undergrowth.
3.40	Draw, 90 ft. below cor., drains N. 40° W.; ascend.
7.10	Spur, 90 ft. above draw, projects N. 50° W.; descend gradual NE. slope.
12.40	Draw, 80 ft. below spur, drains N. 60° W.; ascend gradually.
20.70	Spur, 60 ft. above draw, projects NW.; descend gradual NE. slope.
24.80	Draw, 100 ft. below spur, drains NW.; ascend gradual SW. slope.
26.40	Spur, 40 ft. above draw, projects W.; descend gradually.
30.00	Bottom of main draw, 50 ft. below spur, drains S. 30° W.; ascend gradual S. slope.
40.00	On gradual S. slope, 190 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S30 | S29 1936 from which
	A juniper, 7 ins. diam., bears N. 52°45' E., 61 lks. dist., marked ¼ S29 BT.
	A juniper, 5 ins. diam., bears S. 51° W., 54 lks. dist., marked ¼ S30 BT.
43.60	Slope changes from a steep S. slope to a steep E. slope.
49.60	Rocky spur, 160 ft. above the ¼ sec. cor., projects E.; descend gradually.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
53.90	Draw, 50 ft. below spur, drains SE., and heads NW., about 10.00 chs. dist.; ascend abruptly.
59.50	Spur, 200 ft. above draw, projects SE.; descend gradual NE. slope.
75.40	Small spur, projects SE.
80.00	On steep NE. slope, 160 ft. below the spur at the 59.50 chs. point.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and in a mound of stone, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T38S | R19W	
S19	S20
S30	S29

1936

from which

A juniper, 6 ins. diam., bears N. 60° E., 68 lks. dist., marked T38S R19W S20 BT.

A juniper, 20 ins. diam., bears S. 33°45' E., 103 lks. dist., marked T38S R19W S29 BT.

A juniper, 5 ins. diam., bears S. 31° W., 109 lks. dist., marked T38S R19W S30 BT.

A jnuiper, 4 ins. diam., bears N. 84°45' W., 58 lks. dist., marked T38S R19W S19 BT.

Land, rough and mountainous, with a general northwesterly and southeasterly exposure and drainage.

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

Undergrowth, sage, oak, service berry, and black brush.

Timber, juniper and pinon.

Good grazing land.

N. 89°56' E., on random line, bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

79.94 Intersect the cor. of secs. 20, 21, 28, and 29.

Thence:

S. 89°56' W., on true line, bet. secs. 20 and 29.

Descend steep W. slope of broken mountainous land, through scattered timber and dense undergrowth.

5.50 Draw, 110 ft. below cor., drains SW.; ascend steep NE. slo

10.10 Spur, 110 ft. above draw, projects S. 20° E., 3.00 chs. dist. to end; descend gradually.

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

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
19.50	Spur, 180 ft. above draw, projects SW.; descend gradual W. slope.
27.40	Small draw, 240 ft. below spur, drains SW.; ascend steep E. slope.
31.70	Spur, 20 ft. above draw, projects S.; descend gradual W. slope.
39.50	Low rise, slopes S. 30° W.
39.97	On gradual W. slope, 80 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked
	¼ S20 / S29
	1936
	from which
	A juniper, 5 ins. diam., bears N. 13°30' E., 200 lks. dist., marked ¼ S20 BT.
	A pinon, 6 ins. diam., bears S. 16°30' E., 119 lks. dist., marked ¼ S29 BT.
43.50	Draw, 100 ft. below the ¼ sec. cor., drains S. 30° W.; Ascend gradual SE. slope.
51.50	Spur, 20 ft. above draw, projects S. 30° W.; descend steep W. slope.
64.40	Large draw, 280 ft. below spur, drains S.; ascend gradually.
70.00	Small spur, 30 ft. above draw, slopes S.; ascend.
75.80	Draw, 20 ft. below spur, drains SE.; ascend steep NE. slope.
79.94	The cor. of secs. 19, 20, 29, and 30, 60 ft. above draw.
	Land, broken and mountainous, with a general southerly exposure and drainage.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush.
	Timber, juniper and pinon;
	Fair grazing land.
	S. 89°55' W., on random line, bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
78.58	Intersect the W. bdy. of the township, 9 lks. S. of the cor. secs. 19, 24, 25, and 30, and iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 20 W., of this group.
	Thence:

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SUBDIVISION OF T. 30 S., R. 19 W.

Chains	
	N. 89°59' E., on true line, bet. secs. 19 and 30.
	Over broken mountainous land, through scattered timber and dense undergrowth.
4.60	Conglomerate spur, projects SW.; descend.
9.60	Swale, drains SW.
12.60	Spur, projects SW., about 7.00 chs. dist. to end.
17.60	Swale, drains SW., about 7.00 chs. dist. to junction with main draw.
20.60	Small spur, projects SW., about 6.00 chs. dist. to end.
24.60	Swale, drains SW.
28.60	Spur, projects SW., about 8.00 chs. dist. to end.
32.10	Small swale, drains SW.
34.00	Spur, projects SW., about 3.00 chs. dist. to end.
36.60	Wash in bottom of draw, drains SW.
38.58	On broken land.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S19 / S30 1936 from which
	A pinon, 6 ins. diam., bears N. 4°15' E., 30 lks. dist., marked ¼ S19 BT.
	A juniper, 6 ins. diam., bears S. 20° E., 36 lks. dist., marked ¼ S30 BT.
45.00	Timber becomes more scattered, bears N. and S.
51.60	Spur, 210 ft. above the ¼ sec. cor., projects NW.; descend abrupt NE. slope.
61.90	Head of draw, 210 ft. below spur, drains NW.; ascend abrupt N. slope.
72.10	Top of divide ridge, 200 ft. above head of draw, bears NE. and SW.; descend steep NE. slope.
78.58	The cor. of secs. 19, 20, 29, and 30, 160 ft. below ridge.
	Land, broken and mountainous, with a general southwesterly and northwesterly exposure and drainage.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and black brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Fair grazing land.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	N. 0°03' W., bet. secs. 19 and 20.
	Descend steep NE. slope of broken mountainous land, through scattered timber and dense undergrowth.
8.50	Draw, 30 ft. below cor., drains SE.; ascend abrupt SW. slope.
8.00	Timber becomes dense, bears E. and W.
17.30	Timber becomes scattered, bears E. and W.; thence ascend over red slide rock on steep S. slope.
25.10	Top of high peak on divide ridge, 420 ft. above draw, bears NE. and SW.; descend abrupt N. slope over slide rock.
36.20	Head of deep draw, 330 ft. below peak, drains N. to Beaver Dam Wash; ascend steep S. slope.
40.00	On steep S. slope, 100 ft. above head of 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 S19 | S20 1936 raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	No bearing trees available.
45.84	From this point, a small spring of good water, bears S. 88°47' W., 7.40 chs. dist.
46.60	Spur, 100 ft. above the ¼ sec. cor., projects N.; descend abrupt N. slope.
52.10	Draw, 160 ft. below spur, drains N.; from this point, a small spring, bears West, about 10.00 chs. dist.; continue descent.
55.00	Small draw, 130 ft. below last draw, drains N.; ascend gradually.
61.00	Small spur, projects S. 30° W.; continue ascent over S. slope.
67.40	Base of white conglomerate ledges, bears NE. and SE.; ascend abrupt SW. slope.
80.00	On steep W. slope, 690 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 17, 18, 19, and 20, with brass cap marked T38S | R19W S18 | S19 S20 | S29 1936 from which
	A juniper, 8 ins. diam., bears N. 23°30' W., 367 lks. dist., marked T38S R19W S18 BT.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	No other bearing trees available.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow clay and sand, with a rocky surface; 4th rate.
	Undergrowth, sage; oak, service berry, and black brush.
	Timber; juniper and pinon.
	Good grazing land.
	N. 89°56' E., on random line, bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the cor. of secs. 16, 17, 20, and 21.
	Thence:
	S. 89°56' W., on true line, bet. secs. 17 and 20.
	Ascend gradually along broken N. slope of mountainous land through dense undergrowth.
28.80	Top of divide ridge bet. the drainage to the SW. and the drainage to the NW., 120 ft. above cor., bears S. 60° E. and N. 80° W.; descend gradually over S. slope.
39.70	Small spur, slopes S.
40.02	On steep S. slope, 40 ft. below 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 S17/S20 1936 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
44.20	Bottom of depression on S. slope, 30 ft. below the ¼ sec. cor., drains S.
50.10	Ridge, 30 ft. below the ¼ sec. cor., bears S. 25° W., and N. 25° E., about 5.00 chs. dist. to its junction with ridge bearing NW. and SE.; descend along steep S. slope.
67.00	Draw, 70 ft. below ridge, drains SW.; ascend steep SE. slope.
75.70	Spur, 110 ft. above draw, slopes SW.; descend.
80.04	The cor. of secs. 17, 18, 19, and 20, 70 ft. below spur.
	Land, broken and mountainous, with a general northerly and southwesterly exposure and drainage.
	Soil, shallow clay and sand, with a rocky surface; 4th rate.

Chains	
	Undergrowth, sage, oak, service berry, and buck brush.
	Timber, a few scattered scrub juniper and pinon.
	Good grazing land.
	S. 89°59' W., on random line, bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
78.50	Intersect the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 20 W., of this group.
	Thence:
	N. 89°59' E., on true line, bet. secs. 18 and 19.
	Descend broken E. slope of rough mountainous land, through dense undergrowth.
3.00	Small draw, drains S.20°E.
8.50	Draw, 20 ft. below cor., drains S. 15° W.; ascend gradually.
11.20	Small draw, drains S. 15° W.
17.80	Spur, projects SW.; continue ascent.
26.10	Swale, drains S. 75° W.
38.50	On general NW. slope, 380 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S18/S19 1936 deposit a sandstone, 9 x 4 x 4 ins., at base of post, marked X.
	Thence ascend gradually along broken N. slope.
49.40	Recross bottom of swale, drains N. 80° W.
53.80	Spur, projects SW.; descend gradual SE. slope.
67.00	Draw, drains S. 15° W.; ascend abrupt W. slope.
78.50	The cor. of secs. 17, 18, 19, and 20, 800 ft. above the ¼ sec. cor.
	Land, broken and mountainous, with a general westerly exposure and drainage.
	Soil, shallow clay, sand, and gravel, with a rocky surface; 4th rate.
	Undergrowth, oak, sage, service berry, and buck brush.
	Timber, a few scattered scrub juniper and pinon.
	Good grazing land.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	N. 0°03' W., bet. secs. 17 and 18.
	Ascend gradually along broken W. slope of rough mountainous land, through dense undergrowth.
19.00	Top of divide ridge, 150 ft. above cor., bears N. 60° W. and SE.; descend abrupt NW. slope.
26.50	Top of white ledges, bears E. and W.
40.00	On broken land, 630 ft. below top of ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S18 | S17 1936 deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.
45.70	Trail, bears E. and W.
46.30	Bottom of Cougar Canyon, 60 ft. below the ¼ sec. cor., drains W.; small spring of good water in bottom of canyon, bears N., 8.50 chs. dist.; ascend abrupt S. slope.
57.00	Spur, 190 ft. above canyon, projects W.; descend gradually.
58.70	Enter scattered juniper and pinon timber, bears E. and W.
67.20	Draw, 40 ft. below spur, drains W.; ascend abrupt S. slope.
80.00	On abrupt S. slope, 500 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 7, 8, 17, and 18, with brass cap marked T38S | R19W S7 | S8 S18 | S17 1936 from which A pinon, 7 ins. diam., bears N. 24° E., 60 lks. dist., marked T38S R19W S8 BT. A pinon, 6 ins. diam., bears S. 43° E., 180 lks. dist., marked T38S R19W S17 BT. A pinon, 7 ins. diam., bears S. 41° W., 82 lks. dist., marked T38S R19W S18 BT. A pinon, 3 ins. diam., bears N. 56° W., 59 lks. dist., marked BT.
	Land, broken and mountainous, with a general northerly and southwesterly exposure and drainage.
	Soil, shallow sand and clay, with a rocky surface; 4th rate.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	Undergrowth, sage, oak, service berry, rabbit, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon on N. portion of mile.
	Good grazing land.
	N. 89°56' E., on random line, bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the N. and S. line, 5 lks. N. of the cor. secs. 8, 9, 16, and 17.
	Thence:
	S. 89°58' W., on true line, bet. secs. 8 and 17.
	Ascend gradual N. slope of broken mountainous land, through scattered timber and dense undergrowth.
1.80	Small spur, slopes N.; descend gradually.
4.70	Draw, 40 ft. below spur, drains N.; ascend steep NE. slope.
14.80	Small spur, 160 ft. above draw, projects N.; descend gradually.
20.00	Draw, 40 ft. below spur, drains N.; ascend gradual NW. slope.
33.20	Spur, 60 ft. above draw, projects NW., about 7.00 chs. dist., thence N.; descend steep SW. slope.
40.02	On steep SW. slope, 140 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked S8. ¼ S17 1936
	from which
	A pinon, 12 ins. diam., bears N. 4°30' E., 90 lks. dist., marked ¼ S8 BT.
	A juniper, 4 ins. diam., bears S. 67° E., 51 lks. dist., marked ¼ S17 BT.
40.20	Top of rocky rim, bears NW. and SE.; descend steep SW. slope.
44.80	Draw, 130 ft. below the ¼ sec. cor., drains NW.; ascend.
47.60	Short rocky spur, 20 ft. above draw, slopes N.; descend.
50.00	Draw, 60 ft. below spur, drains N.; ascend steep NE. slope.
57.80	Rocky spur, 120 ft. above draw, projects N.; descend gradual W. slope.
60.70	Top of divide ridge, bet. Parker Canyon to the NW. and Cougar Canyon to the SW., 10 ft. below spur, bears

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SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	N. 75° W., about 7.00 chs. dist. to a saddle, descend steep SW. slope; another saddle S. 75° E., about 7:00 chs. distant.
67.10	Bottom of depression of S. slope, 210 ft. below ridge, drains S.; ascend gradually.
78.00	Spur, 60 ft. above depression, slopes S.; descend.
80.04	The cor. of secs. 7, 8, 17, and 18, 40 ft. below spur.
	Land, broken and mountainous, with a general northerly and southwesterly exposure and drainage.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.

	S. 89°59' W., on random line, bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
78.42	Intersect the W. bdy. of the township, 7 lks. N. of the cor. secs. 7, 12, 13, and 18, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 20 W., of this group.
	Thence:
	N. 89°56' E., on true line, bet. secs. 7 and 18.
	Over broken mountainous land, through scattered timber and dense undergrowth.
7.00	Draw, drains SW.; ascend gradual NW. slope.
18.00	Red ledge, 15 ft. high, bears N. and S.
34.70	Junction of spur from S. 80° W., with ledgy ridge bearing N. and S., 610 ft. above sec. cor.; descend gradual NE. slope.
38.42	On gradual NE. slope, 20 ft. below 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 S7 / S18 1936 mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a
49.30	Draw, 120 ft. below the ¼ sec. cor., drains SE.; ascend.
68.40	Top of ledgy spur, projects S. 30° W.; continue ascent.
78.42	The cor. of secs. 7, 8, 17, and 18, 490 ft. above draw.
	Land, broken and mountainous, with a general southwesterly exposure and drainage.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	Soil, shallow sand, clay, and gravel; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.
	N. 0°03' W., bet. secs. 7 and 8.
	Ascend gradual SE. slope of broken mountainous land, through scattered timber and dense undergrowth.
1.20	Spur, 20 ft. above cor., projects W.; descend gradual NW. slope.
5.80	Head of Sheep Canyon, 50 ft. below spur, drains NW.; ascend S. slope.
13.10	Spur, 60 ft. above head of Sheep Canyon, projects W.; descend gradually along W. slope.
22.40	Top of ledgy divide ridge bet. Sheep Canyon to the W. and Parker Canyon to the N., 40 ft. below spur, bears NW. and SE.; descend abrupt NE. slope.
25.00	Enter dense juniper and pinon timber, bears E. and W.
40.00	On abrupt NE. slope, 180 ft. below top of ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked ¼ S7 | S8 1936 from which
	A pinon, 8 ins. diam., bears N. 89° E., 42 lks. dist., marked ¼ S8 BT.
	A pinon, 6 ins. diam., bears West, 27 lks. dist., marked ¼ S7 BT.
	Continue abrupt descent over NE. slope.
44.60	Small spur, projects E.; leave timber, bears E. and W.
50.80	Descent over NE. slope becomes abrupt.
57.30	Bottom of Parker Canyon, 330 ft. below the ¼ sec. cor., drains NW. from the E.; ascend abrupt SW. slope.
71.10	Top of the SW. rim of broken bench land, bears NW. and SE.; thence over broken top of bench.
80.00	On broken top of bench, 320 ft. above bottom of Parker Canyon.
	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and in a large mound of stone, for cor. secs. 5, 6, 7, and 8, with brass cap marked

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	T38S R19W S6 | S5 S7 | S8 1936
	from which
	A pinon, 8 ins. diam., bears N. 41° E., 214 lks. dist., marked T38S R19W S5 BT.
	A juniper, 10 ins. diam., bears S. 29°45' E., 163 lks. dist., marked T38S R19W S8 BT.
	A pinon, 12 ins. diam., bears S. 32°45' W., 166 lks. dist., marked T38S R19W S7 BT.
	A pinon, 8 ins. diam., bears N. 88° W., 360 lks. dist., marked T38S R19W S6 BT.
	Land, broken and mountainous, with a general easterly and westerly exposure and drainage.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper and pinon.
	Good grazing land.
	N. 89°58' E., on random line, bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect the N. and S. line, 7 lks. N. of the cor. secs. 4, 5, 8, and 9.
	Thence:
	N. 89°59' W., on true line, bet. secs. 5 and 8.
	Descend gradually over rolling mountainous land, through scattered timber and dense undergrowth.
19.00	Draw, 160 ft. below cor., drains NW.; ascend over broken bench land.
40.03	On broken bench land, 120 ft. above draw, mark a cross (X) on the surface rock, 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 S5 / S8 1936
	from which
	A juniper, 6 ins. diam., bears S. 75° E., 64 lks. dist., marked ¼ S8 BT.

SUBDIVISION OF, T. 38 S., R. 19 W.

Chains	
	A juniper, 5 ins. diam., bears N. 52°30' W., 98 lks. dist., marked ¼ S5 BT.
47.80	Bottom of shallow draw, drains N.
80.06	The cor. of secs. 5, 6, 7, and 8, 50 ft. below the ¼ sec. cor.
	Land, rolling and mountainous with a general northwesterly exposure and drainage.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush.
	Timber, juniper and pinon.
	Good grazing land.
	S. 89°56' W., on random line, bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
78.34	Intersect the W. bdy. of the township, 9 lks. S. of the cor. secs. 1, 6, 7, and 12, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 38 S., R. 20 W., of this group.
	Thence:
	East, on true line, bet. secs. 6 and 7.
	Descend gradually over abrupt N. slope of broken mountainous land, through scattered timber and dense undergrowth.
3.20	Descent becomes more gradual, bears N. and S.
11.00	Small rise, bears NW. and SE.
16.10	Draw, 160 ft. below cor., drains N. 15° E.; ascend gradually along N. slope.
38.34	On gradual N. slope, 80 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked ¼ S6 / S7 1936 from which
	A juniper, 8 ins. diam., bears N. 53°30' E., 126 lks. dist., marked ¼ S6 BT.
	A juniper, 6 ins. diam., bears S. 62°45' E., 156 lks. dist., marked ¼ S7 BT.
42.60	Spur, 30 ft. above the ¼ sec. cor., projects NW.; descend gradual NE. slope.
55.30	Enter grove of aspen timber, bears N. and S.
61.20	Leave grove of aspen timber, bears N. and S.

SUBDIVISION OF T. 36 N., R. 19 W.

Chains	
62.20	Bottom of Parker Canyon, 260 ft. below spur, drains NW.; ascend abrupt SW. slope.
63.20	Small spring of good water, bears South, 1.00 ch. dist.
74.80	Top of SW. rim of bench, bears NW. and SE.; thence over broken top of bench.
78.34	The cor. of secs. 5, 6, 7, and 8, 370 ft. above bottom of Parker Canyon.
	Land, broken and mountainous, with a general northwesterly exposure and drainage.
	Soil, shallow clay, sand, and rock; 4th rate.
	Undergrowth, sage, oak, service berry, and buck brush, mahogany, and manzanita.
	Timber, juniper, pinon, and aspen.
	Good grazing land.

	N. 0°06' E., on random line, bet. secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
71.79	Intersect the N. bdy. of the township, 6 lks. W. of the cor. secs. 5, 6, 31, and 32, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 37 S., R. 19 W., Group 14, Utah.
	Thence:
	S. 0°09' W., on true line, bet. secs. 5 and 6,
	ascend gradually along broken E. slope of mountainous land, through scattered timber and dense undergrowth.
15.10	Top of conglomerate rocky spur, projects NW.; continue ascent.
26.10	Top of rocky rim, 260 ft. above sec. cor., projects NW.; descend gradually.
28.80	Rocky draw, 80 ft. below spur, drains NW.; ascend NE. slope.
31.79	On broken land, 130 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone, for ¼ sec. cor., with brass cap marked

¼

S6 | S5

1936

from which

A pinon, 5 ins. diam., bears S. 33°15' E., 54 lks. dist., marked ¼ S6 BT.

A pinon, 8 ins. diam., bears S. 23°15' W., 54 lks. dist., marked ¼ S6 BT.

SUBDIVISION OF T. 38 S., R. 19 W.

Chains	
	Continue ascent over NE. slope.
51.50	Spur, 170 ft. above the ¼ sec. corner, projects NW.; descend rocky S. slope.
58.00	Base of descent, 80 ft. below spur, bears NW. and SE.; ascend gradually.
71.79	The corner of secs. 5, 6, 7, and 8, 60 ft. above base of ascent.

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

Soil, shallow clay, sand, and rock; 4th rate.
Undergrowth, sage, oak, service berry, and buck brush, mahogany and manzanita.

Timber, juniper and pinon.

Good grazing land.

GENERAL DESCRIPTION

The land within the boundaries of T. 38 S., R. 19 W., is rough and mountainous and all, except the extreme northeast portion, has a general westerly and southwesterly exposure and drainage into Beaver Dam Wash, or the Colorado River, while the extreme northeast portion of the township has a general northeasterly exposure and drainage into the Enterprise Reservoir, or the Great Salt Lake Basin. The township consists of rhyolite and a conglomerate formation, and is broken by numerous deep canyons and gulches and sharp spurs and ridges with high, rocky peaks. The eastern portion of the township is at an elevation of about 7500 feet above sea level, while the western portion is at an elevation of about 5000 feet above sea level.

The soil, in general, consists of a shallow, dark clay and gravel, with a rocky surface, and may be classified as fourth rate.

The timber consists of a scrub growth of juniper and pinon, which is found mostly in the southwest portion of the township. The timber has no commercial value except for firewood and fencing.

Nearly all portions of the township are covered with a dense undergrowth of oak, sage, service berry and black brush, mahogany, manzanita, desert almond, weeds and grass, which afford good grazing for stock.

Numerouse small springs, seeps and streams are found throughout most portions of the township, which afford a good supply of water for the stock that graze the land. Small seeps, or springs, were found in the SW¼ NE¼, and the NE¼ NW¼, section 2; NE¼ NE¼, section 7; on the E. portion of the line between sections 12 and 13; NW¼ SW¼, section 13; on the W. portion of the line between sections 14 and 23; SE¼ NE¼, section 18; SE¼ NE¼, section 19; SE¼ SE¼, section 23; on the W. half mile of the line between sections 30 and 31; NE¼ SE¼ section 35, and the SW¼ SW¼ section 25. The largest stream in the township is in Beaver Dam Wash, which flows in a southerly direction along the west boundary of sections 30 and 31. Small streams of good water were found in sections 1, 2, 3, 4, 6, 7, 10, 11, 14, 15, 22, 23, 24.

The improvements consist of a stock corral in the NW¼ SE¼ section 3, a stock corral in the NE¼ SE¼ section 10,

U. S. GOVERNMENT PRINTING OFFICE 6—8105

a watering trough on the W. portion of the line between sections 14 and 23, a watering trough in the SE¼ SE¼ section 23, a sheet metal cabin, size 8x6 feet, in the NE¼ NE section 36, a watering trough in the SW¼ SW¼ section 25, a frame cabin, size 9x9 feet in the SW¼ SW¼ section 25, an abandoned telephone line, which bears in a northerly and southerly direction through the west portions of sections 30 and 31, about 6 miles of Forest Service fence, which bears in a southeasterly and northwesterly direction through the northeast portion of the township, and about 5 miles of Forest Service trail in the northeast portion.

There are no roads in the township, and the only points that can be reached by automobile, are points near the north boundary of section 2, and the west boundary of section 30.

No settlers were living on the township at the time of the survey, and no portions of it are suitable for farming. The township is suitable only for a grazing range for stock, and is being used for this purpose under the supervision of the Forest Service and the Division of Grazing.

All of sections 1, 2, 3, 11, 12, 13, and 24; N½ and the NE¼ SE¼ section 4; NE¼ and the NE¼ NW¼ section 5; NE¼, NE¼ NW¼, and the E½ SE¼ section 10; all of section 14 except the W½ SW¼; all of section 23 except SW¼ and the W½ NW¼; NE¼ NE¼ section 26; and all of section 25 except W½ SW¼, and the SE¼ SW¼, are within the Dixie National Forest.

No indications of coal, oil, oil shale, or mineral were found.

The mean magnetic declination was found to be 17°00' E.

BOOK A-509

4—680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Molen Roper	Principal Assistant.
Bish Farley	Principal Assistant.
John H. McGuire	Chainman
Wayne Day	Chainman
Edgar Lingwall	Chainman
Russell Alley	Chainman
Domminick Ardissone	Flagman
Russell Hales	Flagman
Joseph D. Thomas	Flagman
Jack Ames	Flagman
Clyde F. Peterson	Cornerman
George Pickering	Cornerman
Harold L. Clark	Cornerman
Francis Fowler	Cornerman
Marion Ollerton	Axman
Douglas McArthur	Axman
Norbetto Snow	Axman
John Murphy	Axman
Thomas Dugan	Axman
Reginald Stirk	Axman
Dale P Olsen	Axman
Dilmar Peay	Axman

6—8412

BOOK A-509

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

Andrew Nelson, Surveyor, and
I, We, Kelvin Winwood, Transitman, HEREBY CERTIFY upon honor that, I

pursuance of special instructions bearing date of the 17th day of April 1933

received from the district cadastral engineer for Utah supplemental, with/assignmer

instructions dated September 12, 1936 and October 5, 1938 ~~We~~, I have surveyed the subdivisional lines

of T. 38 S., R. 19 W.,

of the Salt Lake Meridian, in the State of Utah, which ar

represented in the foregoing field notes as having been executed by ~~me~~ us and under ~~my~~ our direction, and that sai

survey has been made in strict conformity with said instructions, the Manual of Instructions for the Surve

of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah.

February 8, 1939

Andrew Nelson
Surveyor,
Kelvin Winwood
Transitman.
March 22, 1937

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado. JUN 21 1940, 19

The foregoing field notes of the survey of the subdivision of T. 38 S., R. 19 W.,
Salt Lake Meridian, Utah.

executed by Andrew Nelson, Surveyor, and Kelvin Winwood, Transitman,

under special instructions dated April 17, 1933 Supplemental, and/assignment

instructions dated September 12, 1936, and October 5, 1938, having been critically examined, and

the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey

therein described, are hereby approved.

~~U.S.~~ *Supervisor of Surveys.*

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in~~

~~, is a true copy of the original field notes on file in the public survey office.~~

~~U.S. Supervisor of Surveys.~~

U. S. GOVERNMENT PRINTING OFFICE: 1934 6—8412