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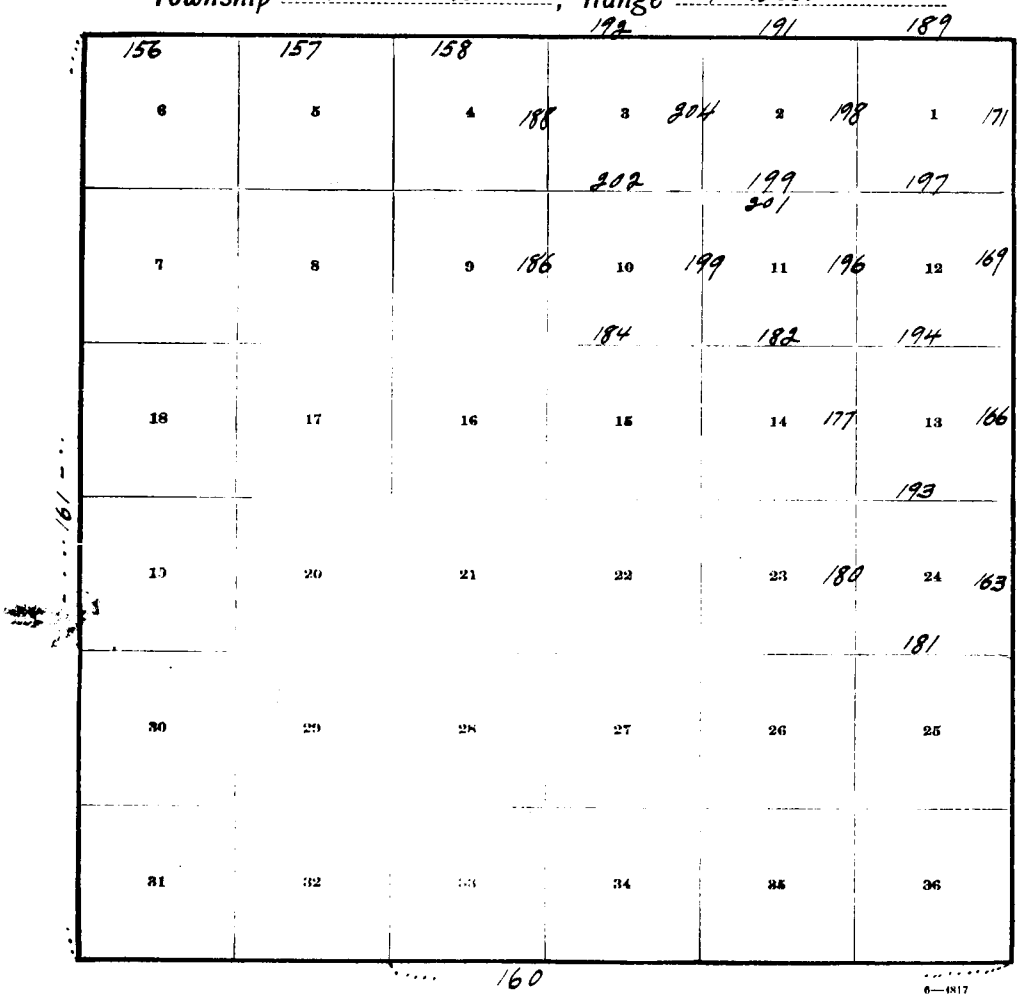

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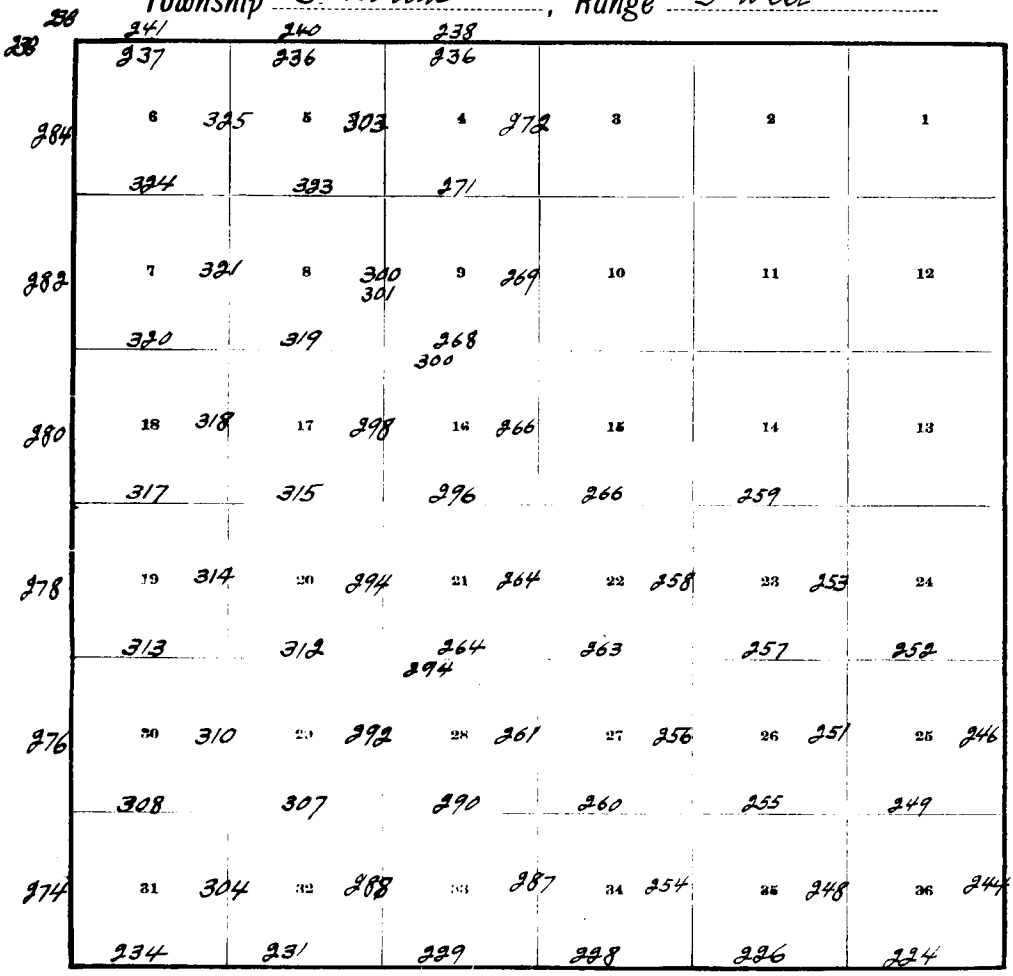

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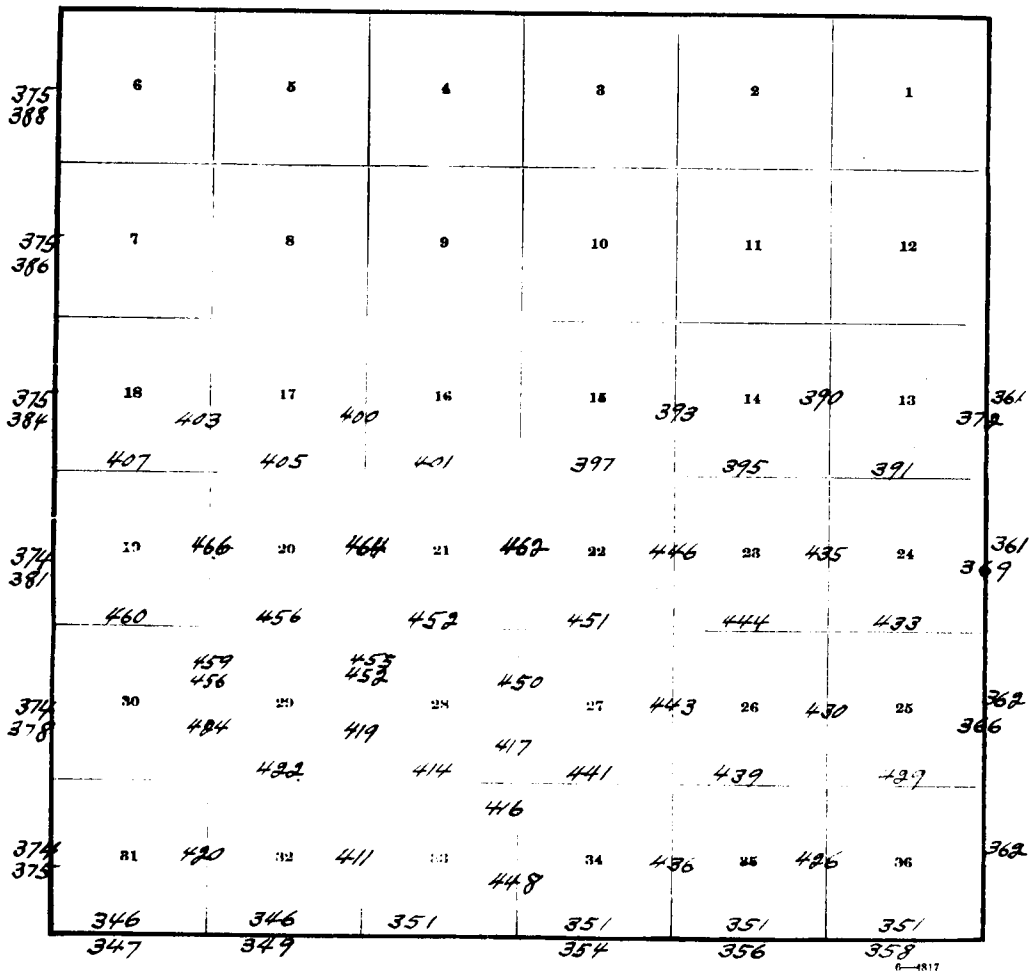

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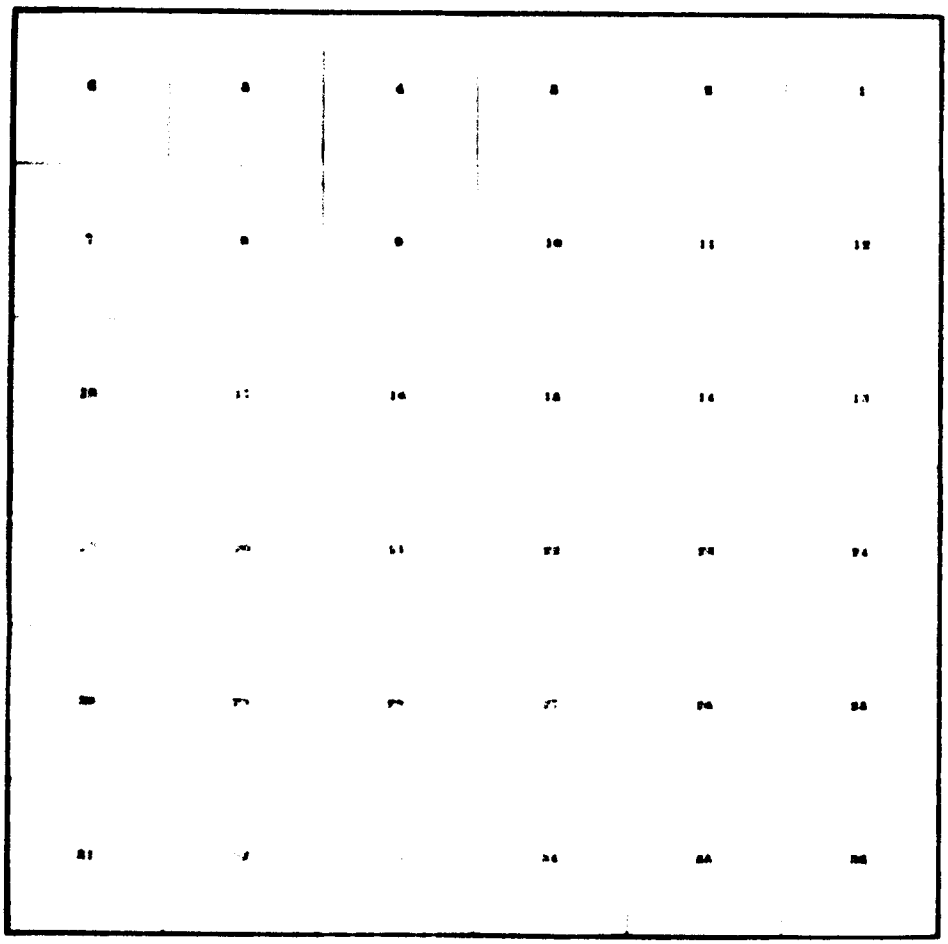

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Book "A"

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Salt Lake City, Utah

FIELD NOTES

OF THE ~~[illegible]~~

DEPENDENT RESURVEY OF THE EAST AND SOUTH BOUNDARIES

AND PORTION OF SUBDIVISION: SURVEY OF WEST BOUNDARY

AND SUBDIVISION, AND ESTABLISHMENT OF ¼ SECTION

CORNERS BETWEEN CLOSING CORNERS ON NORTH BOUNDARY OF

TOWNSHIP 39 SOUTH, RANGE 13 WEST

Of the SALT LAKE BASE AND *Meridian,*

the State of UTAH

EXECUTED BY

ANDREW NELSON, U. S. CADASTRAL ENGINEER

~~[illegible]~~, *under Special Instructions dated* March 1,

23, *issued by the District Cadastral Engineer to govern surveys included in Group*

132, *which were approved by the Commissioner of the General Land*

ce, March 10, *19* 23, *and Assignment Instructions dated* Aug. 4, *19* 30.

Survey commenced August 11, *19* 30

Survey completed October 4, *19* 30

6—151

Survey commenced August 11, 1930, and executed with Buff & Buff transit No. 9978, 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.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests, in assignment instructions dated Aug. 4, 1930.

I examine the adjustments of the transit 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:

Aug. 11, 1930, in camp situated in the NE¼ of sec. 2, T. 40 S., R. 13 W., S.L.B. & Mer., in approximate latitude 37° 21' N., longitude 113° 13' W.; at 8h00m a.m. app.t., I set off 37°21' N. on the lat. arc; 15°23½' N. on the decl. arc; and determine a meridian with the solar; from the meridian thus determined a flag erected at the SE. cor. of T. 39 S., R. 13 W., bears N. 75° 52' E., approximately 1 mile distant.

At apparent noon with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 15° 20' N., which agrees with the computed declination of the sun.

At 4:30 p.m., app.t., with the lat. arc unchanged, I set off 15°17' N., on the decl. arc; and determine a meridian with the solar and find that the flag heretofore mentioned bears N. 75° 51' E.

Aug. 13th: At same station, I make a meridian observation of the sun for time and latitude, observing simultaneously the alitude 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	= 67° 22' 45"
Reduced latitude	= 37° 21'.2 N
Mean watch time of observation	= 12h 37m 35s
Watch fast of local mean time	= 32m 48s

Aug. 13th: At same station at 7h 8.6m p.m., l.m.t., I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from flag at tp. cor. heretofore mentioned.

Watch time of observation = 7h41.4m p.m.

Mean horizontal angle from Polaris to flag = 74°55.4'

Azimuth of Polaris = 0° 56.2'

True bearing of flag = N. 75°51.6' E.

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

The instrument was kept in good adjustment during the progress of the survey, several tests were made on line with meridians established by observations made on Polaris.

Oct. 3, 1930: At camp located on N. bdy. of tp., about 10 chs. W. of the closing cor. of secs. 1 and 2, in approximatelatitude 37°26' N., longitude 113°13' W., I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's upper limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude	= 48° 40' 15"
Reduced latitude	= 37° 26.2' N.
Mean watch time of observation	= 12h 23m 40s
Watch fast of local mean time	= 34m 31s

At 5h 24.1' p.m., l.m.t., I make an hour angle observation on Polaris, east of the meridian, two each with the

telescope in direct and reversed positions, reading the horizontal deflection angle from dary point of tree on skyline N. about 7 miles distant, east to Polaris.

Watch time of observation = 5h 58.6m p.m.

Mean horizontal angle from reference tree to Polaris = 1° 13.7'

Azimuth of Polaris = 1° 14.7'.

True bearing of reference point = N. 0°01'00" E.

Oct. 4th: At same sation at 8h 0m a.m., app.t., I set off 37° 26' N., on the lat. arc; 4° 12' S. on the decl. arc; and determine a meridian with the solar and find that the reference point bears N. 0° 01' E.

At 4h 0m p.m., app.t., with the lat. arc unchanged I set off 4° 20' S. on the decl. arc; and determine a meridian with the solar and find that the reference point bears North. Therefore I conclude that the adjustments of the instrument are satisfactory.

Measurements:

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape eight (8) chains in length, compared with a Lufkin standard steel tape one chain in length, and found correct. The measurements are made on the slope, the vertical angle determined with two large improved K. & E. klinometers and the slope measurements properly reduced to true horizontal distances, which only appear in these notes.

Method and Order of Procedure:

South Boundary: The corner of secs. 1, 2, 35 and 36 was originally established by Joseph Gorlinski, U. S. Deputy Surveyor in 1870, who surveyed the W. ½ mile of bdy. bet. secs. 1 and 36. Harvey D. Hoist, U.S. Deputy Surveyor in 1902 retraced the Gorlinski line and completed the survey of south boundary. A retrace-

ment is made of the boundary and all of the original corners thereon are found. Westerly from the original cor. of secs. 1, 2, 35 and 36, new corners for T. 39 S. are established, and the original corners thereon refering to this tp. are changed to angle points. I establish the cor. of secs. 34 and 35 on bdy. at westing of 75.52 chs. from original cor. of secs. 1, 2, 35 and 36, or at westing of 80.00 chs. from cor. of secs. 23 and 24 [illegible]

From the cor. of secs. 34 and 35, I establish ¼ sec. and sec. cors. at regular intervals of 40.00 chs., placing fractional measurement against W. bdy.

West Boundary: Commencing at the original cor. of Ts. 39 and 40 S., Rs. 13 and 14 W., I run North on a true line, setting ¼ sec. and sec. cors. at regular intervals of 40.00, and at 493.74 chs. distant, establish cor. of T. 39 S., Rs. 13 and 14 W., at point West 18.80 chs. from the SW. cor. of T. 38 S., R. 13 W.

East Boundary: The north 5½ miles was originally surveyed by Julian Bausman, U.S. Deputy Surveyor in 1870. In 1911 Nelson & Stumm, US. Transitmen, retraced and resurveyed the bdy. bet. the cor. of secs. 1, 6, 7 and 12 and the SE. cor. of this tp. I establish new cors. along bdy. for R. 13 W. only and change old cors. pertaining to this tp. to angle points. The cor. of secs. 25 and 36 on bdy. is established due East of the original cor. of secs. 25, 26, 35 and 36; the ¼ sec. cor. on E. bdy. of sec. 36 is placed midpoint bet. the cor. of secs. 25 and 36 and the SE. cor. of this tp. Northerly from the cor. of secs. 25 and 36, ¼ sec. and sec. cors. are established at regular intervals of 40.00 chs., placing fractional measurement against the N. bdy.

North Boundary: This boundary was originally surveyed by Prise and Bird, U.S.Surveyors, in 1918. Closing sec. corners are established against this boundary and

¼ sec. cors. established between the closing corners, for T. 39 S. only.

Subdivisions: The north and west boundaries of sec. 36 were originally surveyed by Joseph Gorlinski, U.S. Deputy Surveyor, in 1870. A dependent resurvey of the lines is made; the original corners along W. bdy. sec. 36 were found. The line bet. secs. 25 and 36 is resurveyed East to intersection with E. bdy. of tp., with ¼ sec. cor. for secs. 25 and 36 placed midway. The cor. of secs. 25 and 26 is established at mutual intersection of line run due North from the original cor. of secs. 25, 26, 35 and 36, and West from my cor. of secs. 24 and 25 on E. bdy.; ¼ sec. cor. for sec. 25 is established at midpoint on both lines. The cor. of secs. 23 and 24 is established West, 80.00 chs. from cor. of secs. 24 and 25 on E. bdy., and at a point East, 4.48 chs. from cor. of secs. 25 and 26; ¼ sec. cor. on S. bdy. sec. 24 is placed at midpoint. A sectional guide meridian is run North from the cor. of secs. 23 and 24 to intersection with N. bdy. of tp., where closing cor. of secs. 1 and 2 is established. The remaining subdivisional lines are surveyed in the regular manner from south to north, and east to west, with fractional measurements being placed against the north and west boundaries; closing sec. cors. are established against the north boundary.

DEPENDENT RESURVEY OF SOUTH BOUNDARY T.39 S., R.13 W. REESTABLISHMENT OF SURVEYS EXECUTED BY HARVEY D. HEIST, U.S. DEPUTY SURVEYOR IN 1902

Begin at the original corner of townships 39 and 40 south, range 13 west, in approximate latitude 37° 21' N., longitude 113° 12' W., which is a trachyte boulder in place, showing 40x40x30 ins. above ground, marked with a cross (X) on top, with 6 grooves to N., S. and

W. of cross, witnessed by a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Corner located on steep, rocky NW. slope.

West, bet. secs. 1 and 36.

34.73 Fall 6 lks. N. of the original ¼ sec. cor., hereinafter described.

The true bearing and distance of this ½ mile therefore is N. 89°54' W., 34.73 chs.

Thence from ¼ sec. cor., with continuous measurement.

N. 89°24' W., for visible signal at the cor. of secs. 1, 2, 35 and 36.

75.68 Intersect the original cor. of secs. 1, 2, 35 and 36, hereinafter described.

The true bearing and distance of W. ½ mile therefore is N. 89°24' W., 40.95 chs.

From the cor. of secs. 1, 2, 35 and 36.

West, along S. bdy. sec. 35.

39.95 S. of my line, 4 lks. dist. is the original ¼ sec. cor. of sec. 35, hereinafter described.

The true bearing and distance of this half mile therefore is S. 89°57' W., 39.95 chs.

Continue on same line with continuous measurement.

79.88 Fall 1 lk. S. of the original cor. of secs. 34 and 35, hereinafter described.

The true bearing and distance of W. ½ mile therefore is N. 89°56' W., 39.93 chs.

From the cor. of secs. 34 and 35.

West on S. bdy. sec. 34.

39.68 N. 2 lks. of my line is the original ¼ sec. cor. of sec. 34, hereinafter described.

The true bearing and distance of this half mile therefore is N. 89°58' W., 39.68 chs.

Continue on same line with continuous measurement.

Dependent Resurvey of South Boundary T. 39 N., R. 13 W.

Chains	
80.49	Fall 3 lks. S. of the original cor. of secs. 33 and 34, hereinafter described.
	The true bearing and distance of this half mile therefore is N. 89°59' W., 40.81 chs.
	From the cor. of secs. 33 and 34.
	West, on S. bdy. sec. 33.
39.87	N. of my line 7 lks. distant is the original ¼ sec. cor. of sec. 33, hereinafter described.
	The true bearing and distance of this half mile therefore is N. 89°54' W., 39.87 chs.
	Continue same line with continuous measurement.
79.51	Fall 12 lks. S. of the original cor. of secs. 32 and 33, hereinafter described.
	The true bearing and distance of W. ½ mile therefore is N. 89°56' W., 39.64 chs.
	From the cor. of secs. 32 and 33.
	West, on S. bdy. sec. 32.
39.77	N. of my line 12 lks. distant is the original ¼ sec. cor. of sec. 32, hereinafter described.
	The true bearing and distance of this half mile therefore is N. 89°50' W., 39.77 chs.
	Continue same line with continuous measurement.
79.47	Fall 1 lk. N. of the original cor. of secs. 31 and 32, hereinafter described.
	The true bearing and distance of W. ½ mile therefore is S. 89°49' W., 39.70 chs.
	From the cor. of secs. 31 and 32.
	West, on S. bdy. sec. 31.
40.12	N. of my line 2 lks. distant is the original ¼ sec. cor. of sec. 31, hereinafter described.
	The true bearing and distance of this half mile therefore is N. 89°58' W., 40.12 chs.

Continue same line with continuous measurement.

92.71 Fall 5 lks. S. of the cor. of Ts. 39 and 40 S., Rs. 13 and 14 W., hereinafter described.

True bearing and distance of W. ½ mile therefore is N. 89°58' W., 52.59 chs.

True Lines.

From the cor. of Ts. 39 and 40 S., R. 13 W., heretofore described.

S. 89°54' W., bet. secs. 1 and 36.

Over mountainous land, through medium dense oak, service and sage brush; descend steep NW. slope.

1.70 Head of small branch draw, 265 ft. below cor., drains NW.; continue descent over NW. slope.

8.00 Slope changes to W.

26.50 Base of rocky mountainous land, enter valley, 600 ft. below tp. cor., bears NE. and S.; thence over gentle W. slope, through sagebrush.

2.70 Irrigation ditch, 5 lks. wide, 6 ins. deep, drains S.

3.20 Enter alfalfa field, bears N. and S.

4.73 The ¼ sec. cor., which is a limestone, 12x6x5 ins., firmly set, dimly marked ¼ on N. face; unwitnessed.

Alongside same, set an iron post, 3 ft. long, 1 in. dia., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼ S36 / S1 / 1930

No accessories available.

Thence,

N. 89°24' W.

37.20 Leave field, bears N. about 3 chs. distant, thence E., and S.

9.80 Dry channel of Ash Creek, 1 ch. wide, 10 ft. deep, drains S.

7.85 Wire fence, bears N.67°E., and S.67°W.

Chains

57.10 Wash, 10 lks. wide, 8 ft. deep, drains S.

60.08 Wire fence, bears N.20°E., and S.20°W.

60.70 U. S. Highway No. 91, bears N.22°E. to Cedar City, and S.22°W., to St. George, Utah.; leave valley, enter rolling bench with dense scrub cedar timber and rocky soil, bears with road; asc. 120 ft. to cor.

61.28 Transmission line, bears N.20°E. and SW.

64.00 Irrigation ditch, 10 lks. wide, 1 ft. deep, drains NE.

72.40 Telephone line, bears N.31½°E., and S.31½°W.

75.68 The cor. of secs. 1, 2, 35 and 36, which is a limestone, 18x11x4 ins., firmly set in a mound of stone, marked with 1 notch on E., and 5 notches on W. edge, witnessed by 4 bearing trees as follows:

A cedar, 12 ins. diam., bears N.13°E., 69 lks. dist., marks overgrown.
A cedar, 8 ins.diam., bears S.43°E., 49 lks. dist., properly marked
A cedar, 8 ins.diam., bears S.40°W., 18 lks. dist., properly marked
A cedar, 8 ins.diam., bears N.53°W., 127 lks. dist., properly marked.

I remonument cor. as follows: Alongside stone cor., set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock, and supported by a large mound of stone, for cor. of secs. 1,2, 35 and 36, with brass cap marked

T39S	R13W
S35	S36
S2	S1

T40S
1930

Land, mountainous on E. 26½ chs. and W. 15 chs.; nearly level valley on remainder; drainage into Ash Creek.

Soil, rocky of volcanic formation, 4th rate on the mountainous portions; clay and sandy loam, 2nd rate on valley.

Undergrowth, sagebrush, oak and service on portions of mile.

Timber, dense cedar on W. end of mile; few cottonwoods along Ash Creek.

Dependent Resurvey of South Boundary of T.39 S., R.13 W.

Chains	
	S. 89°57' W., on S. bdy. sec. 35.
	Over rolling bench land, through dense cedar timber, scattered sage and oak brush; gradually asc. along SE. slope, 140 ft. to
17.30	Top of rise, bears N. and S.; thence along gentle S. slope.
30.00	Top of low, flat rise, bears N. and S.; desc. 25 ft. over SW. slope.
34.60	Dry wash, 10 lks. wide, 8 ft. deep, in shallow draw, drains S.; asc. 20 ft. to
35.52	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. for sec. 35 only, with brass cap marked ¼ S35 1930 from which A cedar, 4 ins. diam., bears N. 13¼° E., 36 lks. dist., marked ¼ S 35 BT and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
9.95	The original ¼ sec. cor. for sec. 35, which is a volcanic stone, showing 16x16x8 ins. above ground, firmly set, marked ¼ on N. face, witnessed by a small mound of stone N. of cor. I destroy the ¼ mark and remark same A P for angle point.
	Thence, on course N. 89°56' W.
	Continue over rolling S. exposure.
5.90	Wood road, bears N. and S.
5.90	Draw, 25 ft. deep, drains S.; asc.
9.00	Top of black volcanic rim facing E., 50 ft. above draw, bears N. and S.; thence over rolling S. exposure.
9.40	Shallow swale, drains S.
5.52	Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 34 and 35, with brass cap marked
	T39S | R13W S34 | S35 S2 T40S 1930

Chains	
	from which
	A cedar, 10 ins. diam., bears N. 75½°E., 194 lks. dist. marked T39S R13W S35 BT
	A cedar, 6 ins. diam., bears N. 19½°W., 46 lks. dist. marked T39S R13W S34 BT
	Land, rolling and broken bench with a gradual S. and SE. exposure and drainage.
	Soil, rocky of volcanic formation with clay loam; 3rd. and 4th rates.
	Timber, medium dense scrub cedar.
	Undergrowth, medium dense sagebrush, with scattered clumps of oak brush. Fair grazing land.
	N. 89°56' W., on S. bdy. sec. 34.
	Over gentle S. slope, through medium dense timber and undergrowth.
4.36	The original cor. of secs. 34 and 35, which is a sandstone 16x10x6 ins., lying on ground, poorly marked with 2 notches on one and 4 notches on opposite edge, from which
	A cedar, 6 ins. diam., bears N. 82°E., 109 lks. dist., properly marked
	This cor. now becomes an angle point, therefore I deface the marks on stone and bearing tree and remark both A P for angle point, and reset stone firmly in the ground.
	Thence
	N. 89°58' W.
5.50	Dry wash, 20 lks. wide, 4 ft. deep, in bottom of gulch, drains SE.
5.90	Top of black volcanic rim 25 ft. high, bears NW. and SE., thence gradually asc. along rolling N. slope over mountainous land.
8.94	The closing cor. of secs. 2 and 3, T. 40 S., which is a sandstone, 10x8x8 ins., above ground, firmly set, properly marked and witnessed as described in official notes.

Chains	
19.80	Top of rise on N. slope, 155 ft. above sec. cor., slopes N.; desc. 20 ft.
25.60	Depression on N. slope, drains N.; asc. 100 ft.
29.40	Ridge, bears N.20°W. and SE.; a saddle in ridge N. of line about 3 chs. dist.; desc. steep W. slope.
32.60	Forest Service wide fence, bears NE. and SW.
34.70	Small draw, near head, drains SW.; thence along S. slope.
36.90	Draw, 135 ft. below ridge, drains S.; ascend steep E. slope, 125 ft. to cor.
40.00	On steep E. slope,
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to underlying rock and supported by a mound of stone, for ¼ sec. cor. of sec. 34, with brass cap marked
	¼ S34 / 1930
	from which
	A pinon, 7 ins.diam., bears N.47½°E., 63 lks. dist.,marked ¼ S34 BT A cedar, 8 ins.diam., bears N.2¼°W., 75½ lks. dist.,marked ¼ S34 BT
44.04	The original ¼ sec. cor., which is a limestone, 24x8x7 ins., lying on ground, marked ¼ on one face, witnessed as described in original records. I reset stone firmly in the ground, deface marks on stone and bearing trees, and remark same A P for angle point.
	Thence N.89°59'W.
45.20	Spur, 110 ft. above ¼ sec. cor., projects S.; descend abrupt W. slope, 190 ft.
51.20	Gulch, drains S.; asc. steep E. slope, 255 ft. to
55.40	Spur, projects S.; descend steep W. slope, 175 ft.
59.50	Base of steep slope, enter canyon bottom, bears NW. and S.
65.10	W. Fork of Ash Creek, stream of clear mountain water, 20 lks. wide, 1 ft. deep, medium current, in canyon, 220 ft. below spur, course SE.
66.00	Leave canyon bottom, bears NW. and SE.; asc. E. slope.
69.80	Top of bench, 120 ft. above stream, bears NW. and SE.;

Chains	
	gradually asc. over bench, through dense undergrowth and scattered timber.
80.00	Set an iron post, 3 ft. long, 2 ins. dia., 8 ins. in the ground to bedrock, and supported by a large mound of stone with 6 ft. base, forcor. of secs. 33 and 34 with brass cap marked

T39S | R13W
S33 | S34
S3
T40S
1930

from which

A cedar, 6 ins.diam., bears N.31°E., 120 lks. dist., marked T39S R13W S34 BT
A cedar, 6 ins.diam., bears N.34½°W., 35 lks. dist., marked T39S R13W S33 BT

Cor. situated on top of N. point of low spur or rise from the S., 180ft. above creek.

Land, mountainous with general southerly exposure and drainage.

Soil, rocky with shallow clay and sandy loam; 3rd and 4th rates.

Timber, medium dense to scattered cedar and pinon.

Undergrowth, sagebrush, oak, service and larb.

Fair grazing land.

N. 89°59' W., on S. bdy. sec. 33.

Over rolling mountainous land, through dense undergrowth and scattered timber; gently desc. NW. slope over ben

4.85	The original cor. of secs. 33 and 34, which is a granite stone, showing 10x12x8 ins. above ground, firmly set, properly marked and witnessed as described in origina records. This cor. now becomes an angle point, I therefore deface the marks on stone and bearing tree and remark both A P for angle point.

Thence

N. 89°54' W.

9.40	The closing cor. of secs. 3 and 4, T.40 S., which is a

Chains	Remarks
	granite stone, showing 16x8x8 ins. above ground, firmly set, properly marked and witnessed as described in original records.
11.80	Edge of bench, bears NE. and SW.; desc. abrupt W. slope, 50 ft. to creek.
14.00	West Fork of Ash Creek, stream 20 lks. wide, 1 ft. deep, 90 ft. below sec. cor., course NE.; asc. SE. slope.
23.90	Top steep ascent, 135 ft. above creek, bears NE. and SW.; thence gentle ascent over bench, 110 ft. to
38.10	Top of rise on bench, bears N. and S.; thence along a broken S. slope.
40.00	On gentle W. slope,
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. of sec. 33, with brass cap marked
	¼ S33 / 1930
	from which
	A pinon, 7 ins. diam., bears N. 27° E., 87 lks. dist., marked ¼ S33 BT
	A cedar, 7 ins. diam., bears N. 26° W., 59 lks. dist., marked ¼ S33 BT
1.70	Short, narrow ravine in sandstone, 25 ft. wide, 30 ft. deep, drains S.
4.72	The original ¼ sec. cor., which is a granite boulder in place, showing 36x35x30 ins. above ground, properly marked and witnessed as described in original records. Deface the ¼ mark on boulder and marks on bearing trees and remark same A P for angle point.
	Thence N. 89°56' W.
5.50	Narrow ravine in sandstone, 50 lks. wide, 30 ft. deep, drains S.
6.80	E. rim of canyon, and top of 75 ft. vertical sandstone cliff, bears NW. and SE.; desc. 105 ft. to
8.40	West Fork of Ash Creek, 20 lks. wide, 2 ft. deep, course SE.; asc. steep E. slope, 470 ft. to
5.70	Ridge, bears N. 20° W. and S.; thence along rolling, sandy top of ridge.

Dependent Resurvey of South Boundary, T. 39 S., R. 13 W.

Chains	
72.10	Wagon road, bears N. and S.
75.90	W. edge of top and rim, bears N.20°W. and S.; desc. abrupt W. slope, 205 ft. to
80.00	On steep W. slope,

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

T39S | R13W
S32 | S33
S4
T40S
1930

from which

A pinon, 6 ins. diam., bears N.26°E., 35 lks. dist., marked T39S R13W S33 BT

No suitable tree available in NW. quadrant.

Land, mountainous; general SE. exposure and drainage.

Soil, rocky, 4th rate; loose sand and sandy clay loam; 3rd rate.

Undergrowth, sagebrush, oak, service and cactus.

Fair grazing land.

N. 89°56' W., on S. bdy. sec. 32.

Over mountainous land, through medium dense timber and scattered undergrowth; desc. W. slope, 55 ft. to

1.35	Deep gulch, drains S.; asc. steep E. slope.
4.36	The original cor. of secs. 32 and 33, which is a red-sandstone, showing 16x12x6 ins. above ground, firmly set, properly marked and witnessed as described in original records. This cor now becomes an angle point, therefore deface marks on stone and bearing trees, and remark same A P for angle point.

Thence

N. 89°50' W.

9.11	The closing cor. of secs. 4 and 5, T. 40 S., which is a granite stone, showing 16x10x6 ins., above ground, firmly set, properly marked and witnessed as described in original records.

Chains	
11.00	Ridge, 310 ft. above gulch, bears N. and S.; desc. abrupt W. slope, 490 ft.
25.00	Gulch, drains S.20°W.; thence across broken sandstone bedrock with gradual S. slope.
32.80	Low rock spur, 120 ft. above gulch, projects S.; desc. 35 ft. to
35.60	Ravine in solid sandstone, drains SE.; asc. E. slope.
40.00	On a gradual NE. slope, 80 ft. above ravine,
	Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to bedrock, and supported by a mound of stone to top, for ¼ sec. cor. of sec. 32, with brass cap marked
	¼ S32 / 1930
	from which
	A cedar, 12 ins.diam.,bears N.30½°E., 60 lks. dist.,marked ¼ S32 BT A yellow pine, 14 ins.diam.,bears N.68°W., 31 lks. dist.,marked ¼ S32 BT
44.13	The original ¼ sec. cor., which is a sandstone, 24x6x6 ins., lying on ground, properly marked and witnessed as described in original records. Reset stone firmly in the ground, defacing marks on stone and bearing trees, and remark same A P for angle point.
	Thence on course of S. 89°49' W.
	Continue ascent over steep, rocky NE. slope.
48.00	High spur, 590 ft. above ¼ sec. cor., projects S.; desc. W. slope, through dense, tall undergrowth, and scattered timber, 195 ft.
55.10	Draw, drains S.30°W.; asc. 60 ft.
59.40	Low spur, projects SW.; desc. 125 ft. over SW. slope.
63.80	Draw, drains S.30°W.; asc. 30 ft.
67.00	Low white spur, projects S.20°W. 1 ch. to end.; desc. 15 ft.
67.50	Main draw, general course SE.; asc. steep NE. slope, 45 ft. to cor.
70.00	On steep, brushy NE. slope,
	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in

Chains	
72.10	Wagon road, bears N. and S.
75.90	W. edge of top and rim, bears N.20°W. and S.20°E.
	abrupt W. slope, 205 ft. to
80.00	On steep W. slope,
	Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in
	the ground and supported by a mound of stone to depth
	for cor. of secs. 32 and 33, with brass cap marked

T39S | R13W
S32 | S33
S4
T40S
1930

from which

A pinon, 6 ins. diam., bears N.26°E., 35 lks. dist., marked T39S R13W S33 BT

No suitable tree available in NW. quadrant.

Land, mountainous; general SE. exposure and drainage.

Soil, rocky, 4th rate; loose sand and sandy clay loam; 3rd rate.

Undergrowth, sagebrush, oak, service and cactus.

Fair grazing land.

N. 89°56' W., on S. bdy. sec. 32.

Over mountainous land, through medium dense timber and scattered undergrowth; desc. W. slope, 55 ft. to

1.35	Deep gulch, drains S.; asc. steep E. slope.
4.36	The original cor. of secs. 32 and 33, which is a red-sandstone, showing 16x12x6 ins. above ground, firmly set, properly marked and witnessed as described in original records. This cor now becomes an angle point, therefore deface marks on stone and bearing trees, and remark same A P for angle point.

Thence

N. 89°50' W.

9.11	The closing cor. of secs. 4 and 5, T. 40 S., which is a granite stone, showing 16x10x6 ins., above ground, firmly set, properly marked and witnessed as described in original records.

Chains	
11.00	Ridge, 310 ft. above gulch, bears N. and S.; desc. abrupt W. slope, 490 ft.
25.00	Gulch, drains S.20°W.; thence across broken sandstone bedrock with gradual S. slope.
32.80	Low rock spur, 120 ft. above gulch, projects S.; desc. 35 ft. to
35.60	Ravine in solid sandstone, drains SE.; asc. E. slope.
40.00	On a gradual NE. slope, 80 ft. above ravine,
	Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in the ground to bedrock, and supported by a mound of stone to top, for ¼ sec. cor. of sec. 32, with brass cap marked
	¼ S32 / 1930
	from which
	A cedar, 12 ins.diam.,bears N.30½°E., 60 lks. dist.,marked ¼ S32 BT A yellow pine, 14 ins.diam.,bears N.68°W., 31 lks. dist.,marked ¼ S32 BT
4.13	The original ¼ sec. cor., which is a sandstone, 24x6x6 ins., lying on ground, properly marked and witnessed as described in original records. Reset stone firmly in the ground, defacing marks on stone and bearing trees, and remark same A P for angle point.
	Thence on course of S. 89°49' W.
	Continue ascent over steep, rocky NE. slope.
8.00	High spur, 590 ft. above ¼ sec. cor., projects S.; desc. W. slope, through dense, tall undergrowth, and scattered timber, 195 ft.
5.10	Draw, drains S.30°W.; asc. 60 ft.
9.40	Low spur, projects SW.; desc. 125 ft. over SW. slope.
3.80	Draw, drains S.30°W.; asc. 30 ft.
7.00	Low white spur, projects S.20°W. 1 ch. to end.; desc. 15 ft.
7.50	Main draw, general course SE.; asc. steep NE. slope, 45 ft. to cor.
0.00	On steep, brushy NE. slope,
	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in

Chains	
	the ground, for cor. of secs. 31 and 32, with brass cap marked
	T39S | R13W S31 | S32 S5 T40S 1930
	from which
	A cedar, 14 ins. diam., bears N.20°E., 28.5 lks. dist., marked T39S R13W S32 BT
	A cedar, 8 ins. diam., bears N.89°W., 28½ lks. dist., marked T39S R13W S31 BT
	Land, mountainous with general southerly exposure and drainage.
	Soil, rocky, 4th rate; sandy and clay loams, 3rd rate.
	Timber, cedar and pinon, with few scattering yellow pine near ¼ sec. cor.
	Undergrowth, sagebrush, oak, service, maple and manzanita
	Fair grazing land.
	S. 89°49' W., on S. bdy. sec. 31.
	Over mountainous land, through scattered timber and dense undergrowth; asc. NE. slope.
3.83	The original cor. of secs. 31 and 32, which is a sandstone 18x7x4 ins., lying on ground, properly marked and witnessed as described in the original records. This cor. now becomes an angle point, therefore set stone firmly in the ground, deface marks on cor. and bearing trees and remark same A P for angle point.
	Thence
	N. 89°58' W.,
8.44	The closing cor. of secs. 5 and 6, T. 40 S., which is a sandstone, 15x12x8 ins., lying on the ground, properly marked and witnessed as described in original records. Reset stone firmly in the ground.
9.70	Spur, projects S.70°E.; continue ascent along S. slope, entering dense timber.
33.80	Depression on S. slope, drains SE.; asc. E. slope.

Chains	
40.00	On E. slope, 575 ft. above sec. cor.,
	Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock, and supported by a mound of stone, for ¼ sec. cor. of sec. 31, with brass cap marked
	¼ S31 1930
	from which
	A cedar, 12 ins.diam.,bears N.84°E., 46 lks. dist.,marked ¼ S31 BT A cedar, 4 ins.diam.,bears N.36½°E., 28 lks. dist.,marked ¼ S31 BT
3.95	The original ¼ sec. cor., which is a sandstone, 10x8x6 ins., firmly set, properly marked and witnessed as described in original records. Deface marks on stone and bearing trees and remark same A P for angle point.
	Continue course N. 89°58' W.
9.30	High spur, 215 ft. above ¼ sec. cor., projects S.; desc. W. slope, entering scattering timber and heavier undergrowth.
1.30	Draw, 165 ft. below spur, drains S.; asc. 50 ft.
4.80	Low spur, projects S.; desc. 105 ft. over W. slope.
0.70	Dry Sandy Canyon, drains SE.; asc. steep, rocky NE. slope.
1.00	Top of steep ascent, bears NW. and SE.; continue more gradual ascent along N. slope.
6.54	The original cor. of Ts. 39 and 40 S., Rs. 13 and 14 W., which is a sandstone, 16x10x8 ins., lying on the ground, plainly marked with 6 notches on 4 edges; unwitnessed.
	At point for cor.,
	Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with the original stone deposited alongside, for the cor. of Ts. 39 and 40 S., Rs. 13 and 14 W., with brass cap marked

T39S

R14W	R13W
S36	S31
S1	S6
R14W	R13W

T40S
1930

Chains	
	Raise a mound of stone, 3 ft. base, 2 ft. high, for cor.
	Corner situated on gentle N. slope of ridge, 850 ft. abo canyon.
	Land, rough mountainous with steep slopes; general SE. exposure and drainage.
	Soil, rocky with shallow sandy and clay loams; 3rd and 4th rates.
	Timber, cedar and pinon, medium dense on E. and scatterin on W. portion
	Undergrowth, scattered to dense oak, service, sage, maple manzanita and larb.
	Fair grazing land.

DEPENDENT RESURVEY EAST BOUNDARY OF T.39 S., R.13 W.
REESTABLISHMENT OF SURVEYS EXECUTED BY JULIAN BAUSMAN, U.S. DEPUTY SURVEYOR IN 1879 AND ANDREW NELSON AND WALTER A. STUMM, U.S. TRANSITMEN IN 1911.

	From the corner of townships 39 and 40 south, range 13 west, hereinbefore decribed.
	N. 9°44' E., on E. bdy. sec. 36.
	Over mountainous land, through scattering undergrowth and timber; desc. steep N. slope, 85 ft.
3.20	Gulch, drains W.; asc. S. slope, 35 ft.
7.50	Spur, projects N.80°W.; desc. steep N. and NW. slopes.
25.60	Ravine, 50 lks. wide, 10 ft. deep, course NW.
26.90	Base of steep mountainous land, bears NE. and SW.; gradually desc. over rolling land facing NW. and W.
29.80	Gully, 20 ft. deep, course W.
40.99½	Northing of 40.40½ chs., midpoint bet. the tp. cor. and cor. of secs. 25 and 36, true point for ¼ sec. cor. of sec. 36, falls on steep slope of gully where a permanent cor. cannot be established.
41.20	Gully, 50 ft. deep, course N.80°W.
41.54½	Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock, and supported by a mound of stone to top, for witness cor. to the ¼ sec. cor. of sec. 36

with brass cap marked

¼ S36 | WC 1930

from which

A cedar, 6 ins.diam., bears S.51°W., 24 lks. dist. marked WC ¼ S36 BT

No other suitable tree within limits.

15.10 Wire fence, bears E. and W.

31.91 Intersect the ¼ sec. cor. of sec. 36, which is an iron post, 1 in. diam., extending 12 ins. above ground, firmly set, properly marked and witnessed as described in original records. This cor. now becomes an angle point, therefore deface marks and remark with A P for angle point. Cor. is 275 ft. below spur.

Thence

North, with continuous measurement.

8.30 Gully, 15 ft. deep, course N.80°W.

0.87 The closing cor. of secs. 30 and 31, T. 39 S., R. 12 W., which is an iron post, 2 ins. diam., properly set, marked and witnessed as described in original records.

68.50 Wire fence, bears E. and W.

9.60 Gully, 8 ft. deep, course N.80°W.

1.56 Point due East of the original cor. of secs. 25, 26, 35 and 36,

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

T39S | T39S
S25 | S30
S36 | R12W
R13W | 1930

from which

A cedar, 6 ins.diam., bears S.30½°W., 75 lks. dist., marked T39S R13W S36 BT

A cedar, 4 ins.diam., bears N.47½°W., 73 lks. dist., marked T39S R13W S25 BT

Land, mountainous and rolling valley; general westerly drainage into Ash Creek.

Dependent Resurvey of East Boundary, T. 30 S., R. 18 W.

Chains	
	Soil, rocky with shallow gravelly clay loam; 3rd and 4th rates.
	Timber, very scattering cedar and pinon.
	Undergrowth, sagebrush, oak and service brush.
	Fair grazing land.
	North, on E. bdy. of sec. 25.
	Over gently rolling valley land with gradual W. and NW. slopes, through very scattered timber, and short undergrowth; gradual descent.
10.35	Intersect the cor. of secs. 25 and 36, which is an iron post, 3 ins. diam., properly set, marked and witnessed as described in official records. This cor. now becomes an angle point, therefore deface the marks on post, and remark same A P for angle point.
	This angle point stands at S. end of fence line from N.
32.10	Small irrigation ditch, course S.30°W.
36.14	Enter alfalfa field, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. of sec. 25, with brass cap marked ¼ S25 1930
	Raise a small mound of stone around post.
	Corner stands in field in line of N. and S. wire fence, 120 ft. below sec. cor.
42.80	Leave field, bears NE. and SW.
44.85	Dry channel of Ash Creek, 2 chs. wide, 5 ft. deep, course SW.; scattered ash and cottonwoods along banks. Ascend.
46.00	Corner of fences from S., NE. and SW.
48.20	U. S. Highway No. 91 on curve, bet. Cedar City and St. George, Utah, bears NE. and SW.
50.35	The ¼ sec. cor. of sec. 25, which is an iron post, 1 in. diam., firmly set, properly marked and witnessed as described in official records. This cor. now becomes

angle points, therefore deface marks on post and bearing trees and remark same with a P for angle point.

Ascend rocky SE. slope through dense cedar timber.

0.80 Transmission line, bears NE. and SW.

6.05 Telephone line, bears NE. and SW.

9.25 The closing corner of secs. 19 and 30, T. 39 S., R. 12 W., which is an iron post, 2 ins. diam., properly set, marked and witnessed as described in official records.

4.35 Leave dense, enter scattering timber, bears E. and W.

0.00 Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground to rock, and supported by a mound of stone to top, for cor. of secs. 24 and 25, with brass cap marked

T39S	T39S
S24	S19
S25	R12W
R13W	

1930

Deposit a volcanic stone, 6x8x6 ins., marked with a X, at base of post.

No siutable trees within limits.

Corner stands on steep SE. slope, 340 ft. above Ash Creek.

Land, rolling with NW., W. and SE. slopes towards Ash Creek, course SW.

Soil, rocky of volcanic formation, 4th rate; and gravelly clay loam, 2nd rate.

Timber, cedar, with some ash and cottonwoods along banks of Ash Creek.

Undergrowth, scattering sage, oak and service brush.

Fair grazing land.

North, on E. bdy. sec. 24.

Over rolling and broken land facing E., through scattering timber and short undergrowth; asc. SE. slope, 100 ft.

.85 Spur on E. slope, descends E.; desc. N. slope.

.35 Intersect the cor. of secs. 24 and 25, which is an iron post, 3 ins. diam., properly set, marked and witnessed as described in the official record.

Chains	
	This cor. now becomes and angle point, therefore I deface the marks on the post and remark same A P for angle point.
15.00	Ravine, 90 ft. below spur, course SE.; asc. 60 ft. over steep S. slope.
25.35	Spur, projects E.; desc. NE. slope.
28.35	Head of swale, drains E.; asc. 40 ft.
33.85	Ridge, bears E. and SW.; desc. N. slope, 50 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to rock, and supported by a mound of stone to top, for ¼ sec. cor. of sec. 24, with brass cap marked ¼ | S24 | 1930 from which A cedar, 6 ins. diam., bears S.16¼°W., 124 lks. dist., marked ¼ S24 BT A cedar, 8 ins. diam., bears N.26° W., 25 lks. dist., marked ¼ S24 BT
46.50	Cross head of swale, 70 ft. below ridge, drains E.; asc. 45 ft. over SE. slope to ridge.
50.35	Intersect the ¼ sec. cor. of sec. 24, which is an iron post, 1 in. diam., properly set, marked and witnessed as described in official records. This corner now becomes an angle point, therefore I deface the marks on post, and remark same with A P for angle point.
53.35	Ridge, bears E. and W.; desc. 85 ft. over N. slope.
59.44	The closing corner of secs. 18 and 19, T. 39 S., R. 12 W., which is an iron post, 2 ins. diam., properly set, marked and witnessed as described in official records.
59.60	Ravine near head, course S.80°E.; asc.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, and supported by a large mound of stone to top, for cor. of secs. 13 and 24, with brass cap marked T39S S13 / S24 R13W | T39S S18 R12W 1930

Deposit a volcanic stone, 10x6x6 ins., marked with a X, at base of post.

Corner stands on gentle SE. slope, 75 ft. above ravine.

Land, rolling and broken bench; general SE. exposure and drainage.

Soil, rocky of volcanic formation with shallow clay loam; surface strewn with rock; 3rd and 4th rates.

Timber, scattering cedar.

Undergrowth, sagebrush with scattered oak brush.

Fair grazing land.

North, on E. bdy. sec. 13.

Over rolling bench through scattering cedar and short undergrowth; gradually asc.

10.35 Intersect the cor. of secs. 13 and 24, which is an iron post, 3 ins. diam., properly set, marked and witnessed as described in official record. This cor. now becomes an angle point, therefore deface the marks on post, and remark with A P for angle point.

16.35 Top of low flat rise, 60 ft. above sec. cor., bears E. and W.; thence over gentle N. and NE. exposures.

40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in bedrock, supported by a large mound of stone to top, for ¼ sec. cor. of sec. 13, with brass cap marked

¼ | S13 | 1930

from which

A cedar, 6 ins.diam., bears S.77½°W., 26 lks. dist., marked ¼ S13 BT

No other suitable tree within limits.

Note: Tall beacon No. 49A, bears S.41°41'W., approximately ¼ mile distant.

44.75 Dim wagon road leading to beacon, bears N.20°E. and SW.

Chains	
50.35	Intersect the ¼ sec. cor. sec. 13, which is an iron post, 1 in. diam., properly set, marked and witnessed as described in official record. This cor. now becomes an angle point, therefore I deface the marks on post, and remark same with A P for angle point.
59.29	The closing corner of secs. 7 and 18, T. 39 S., R. 12 W., which is an iron post, 2 ins. diam., properly set, marked and witnessed as described in official record.
78.00	Black volcanic reef facing E., 50 ft. high, and extending N., bears W. of line about 1 ch. dist.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and supported by a large mound of stone to top, for cor. of secs. 12 and 13, with brass cap marked

T39S | T39S
S12 | S7
S13 | R12W
R13W.

1930

Deposit a volcanic stone, 10x10x8 ins., marked with a cross (X), at base of post.

Corner stands on slight E. slope at E. base of black reef, bearing N. and S.

Land, rolling top of bench with general easterly exposure.

Soil, rocky of volcanic formation with shallow clay loam; surface strewn with rock; 3rd rate.

Timber, few scattered cedars.

Undergrowth, sagebrush, oak and service brush.

Fair grazing land.

North, on E. bdy. of sec. 12.

Over rolling and broken bench, through scattered timber and undergrowth.

10.35	Intersect the cor. of secs. 12 and 13, which is an iron post, 3 ins. diam., properly set, marked, and witnessed as described in official record. This cor. now becomes an angle point, therefore deface the marks.

Chains

on post and bearing tree, and remark same with A P for angle point.

16.55 Hollow, 50 ft. deep, drains E.; asc. S. slope.

23.00 Top of ascent from hollow, bears E. and W.; gentle descent over E. exposure.

35.00 Enter dense timber, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. of sec. 12, with brass cap marked

¼
S12
1930

from which

A cedar, 6 ins.diam.,bears S.18½°W., 13 lks. dist.,marked ¼ S12 BT
A cedar, 7 ins.diam.,bears N.47½°W., 21 lks. dist.,marked ¼ S12 BT

50.35 Intersect the ¼ sec. cor. of secs. 7 and 12, which is an iron post, 1 in. diam., firmly set in ground and supported by a mound of stone, alongside of post is also the original stone, a volcanic stone, 12x9x7 ins., marked ¼ on one face, witnessed by 2 bearing trees as described in official record. This cor. now refers to sec. 7, T.39 S., R.12 W. only, therefore deface marks on SW. bearing tree,and on post pertaining to sec. 12, leaving post marked as follows:

¼
S7
1911

Thence

N. 0°28' E., with continuous measurement.

54.65 Ridge, bears NW. and SE. ; enter broken land, descending along steep, rocky E. slope.

78.80 Lava rim, 20 ft. high, facing SE., bears N.10°E. and S.10°W.; continue descent along N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, and supported by a large mound of stone to top, for cor. of secs. 1 and 12,

Chains

with brass cap marked

T39S S1 S12 R13W	T39S S7 R12W

1930

from which

A cedar, 8 ins.diam., bears S.46°W., 56 lks. dist., marked T39S R13W S12 BT
A cedar, 8 ins.diam., bears N.39½°W., 165 lks. dist., marked T39S R13W S1 BT

Land, rolling and broken bench; general easterly exp

Soil, rocky of volcanic formation, mixed with shallow sandy and clay loams; 3rd rate.

Timber, cedar and few pinon.

Undergrowth, sagebrush, oak and service brush.

Fair grazing land.

N. 0°28' E., on E. bdy. of sec. 1.

Over broken land, through medium dense timber and scattering undergrowth; desc. N. slope.

11.47 Intersect the old cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. diam., firmly set, properly marked and witnessed as described in official recor This cor. now refers to secs. 6 and 7, T. 39 S., R. 12 W., only, therefore deface marks on post and on SW. bearing tree pertaining to R. 13 W.

Thence from the above cor. of secs. 6 and 7,

North, on random line, with continuous measurement.

40.00 Set temp. point for ¼ sec. cor. of sec. 1.

51.47 No evidence of the original ¼ sec. cor. can be found after careful search. Leave temp. point.

93.15 Fall 58 lks. W. of the true point for cor. of Ts. 38 a 39 S., Rs. 12 and 13 W, which is 89 lks. S. of the witness cor., hereinafter described.

The true bearing of line bet. the cor. of secs. 6 and and tp. cor., therefore is N. 0°28' E., and proper ate length of each half mile on W. bdy. of sec. 6

Chains	
	40.84 chs.
	Return to the cor. of secs. 6 and 7; thence
	N. 0°28' E., on true line on E. bdy. sec. 1, counting distance from the cor. of sec. 1 and 12.
	Descend NW. slope, 85 ft. to
15.20	Large draw, 175 ft. below cor. of secs. 1 and 12, drains E.; gradually asc. rolling S. slope.
30.40	Small branch draw, 20 ft. deep, drains S.30°W.
33.00	E. point of rock spur from NW., 110 ft. above large draw; desc. NE. slope, 35 ft. to cor.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor. of sec. 1, with brass cap marked ¼ S1 1930
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Corner stands on E. slope, ½ ch. W. of small draw at bend from NE. to SE.; gradually asc. 20 ft. over SE. slope to cor.
52.31	Proportionate point,
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground for restored ¼ sec. cor. of sec. 6, T.39 S., R.12 W., with brass cap marked ¼ S6 1930
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
56.20	S. rim of canyon, bears E. and W.; desc. 80 ft. over steep N. slope.
60.80	Ash Creek, stream of clear water 10 lks. wide, 6 ins. deep, in canyon course E.; mouth of dry channel of Taylor's Creek from the N., bears W. of line 1 ch. distant; asc. 80 ft. over abrupt, rocky S. slope.
64.20	Top of steep ascent, continue more gradual ascent S. slope.

Chains	
75.00	Top of ascent on W. slope of hill, 135 ft. above creek; desc. N. slope 60 ft.
80.00	Base of slope, bears NE. and W.; thence over nearly level open land on E. edge of Taylor Creek.
84.90	Dim wagon road, bears E. and W.
93.15	Intersect the true point for cor. of Ts. 38 and 39 S., Rs. 12 and 13 W. Cor. is witnessed N. 89 lks. distant and is an iron post, 3 ins. diam., properly set, marked and witnessed as described in official record.
	Land, broken and rolling.
	Soil, rocky of volcanic formation, 4th rate; sandy and gravelly loam, 2nd rate.
	Timber, cedar and pinon on greater portion of mile.
	Undergrowth, sage, oak, service and buck brush.
	Fair grazing land.

SURVEY OF WEST BOUNDARY, T.39 S., R.13 W.

From the cor. of Ts. 39 and 40 S., Rs. 13 and 14 W., heretofore described.

North, on true line along W. bdy. of tp., bet. secs. 31 and 36.

Over high, rolling mountainous land, through dense undergrowth and very scattering timber; desc. 210 ft. over N. slope.

12.10	Dry Sandy Canyon, heads approximately 8 chs. W. of line, course S.70°E.; asc. 485 ft. over S. slope to ridge.
32.45	Forest Service trail, bears NE. and SW.
38.40	Top of high point on high, rolling ridge, bears E. and W. descend steep N. and NE. slopes.
40.00	On steep NE. slope, 35 ft. below ridge, Set an iron post, 3 ft. long, 1 inc. dia., 36 ins. in the ground, for ¼ sec. cor., with brass cap marked

Chains

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

51.20 Shallow draw, 220 ft. below cor., drains NW.; thence along W. slope to

53.50 Descend over NW. and N. slopes.

77.70 Large gulch, 515 ft. below ¼ sec. cor., course N.70°E.; asc. steep, rocky S. slope through dense brush and over granite boulders.

80.00 On steep S. slope, 60 ft. above gulch,

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to rock, and supported by a mound of stone to top, for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T39S
R14W | R13W
S25 | S30
S36 | S31
1930

from which

An 18 in. cross with B O thus B|O , bears S.70°E., 6 lks. dist., on granite boulder in place, showing 6x4x3 ft. Marks on top near W. edge of boulder.

Raise a mound of stone, 3 ft. base, 2 ft. high NE. of cor. 5 lks. dist. Impracticable to build mound to W. on account of steep slope.

Land, high, rolling mountains ; general SE. and NE. exposures and drainage.

Soil, rocky, mixed with shallow redish gravelly and clay loam; 3rd and 4th rates; formation sandstone on S. ½ and granite on N. ½ mile.

Undergrowth, dense oak, manzanita, larb, service, maple and sage brush, from 5 to 15 ft. high.

Timber, very scattering cedar, pinon, and few yellow pines.

Fair to good grazing land.

North, bet. secs. 25 and 30.

Over mountainous land, through dense, tall undergrowth; asc. S. slope, 75 ft. to

Chains

4.40 Top of steep ascent; thence over rolling bench top with general E. exposure.

10.00 Top of granite boulder 10 ft. high, on line.

16.34 A lone yellow pine, 30 ins. diam. on line, marked with 2 notches on N. and S. faces for line tree.

25.73 A lone pine tree 26 ins. diam., bears N. of line 5 lks. dist.; salt ground No. 11 located adjacent to tree.

37.30 N. edge of rolling bench, 40 ft. above the 4.40 chs. point, bears E. and W.; desc. 100 ft. over N. slope.

40.00 On a NE. slope,

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

¼

S25 | S30

1930

from which

A yellow pine, 12 ins. diam., bears S.10°W., 279 lks. dist., marked ¼ S25 BT.
A point 8 ft. above ground on W. face of granite boulder, 20x12x10 ft., marked ~~B|O~~, bears N. 61¼°E., 170 lks. dist.

54.00 Harmon Creek, 15 lks. wide, 1 ft. deep, good mountain water, in bottom of canyon, course SE., 135 ft. below ¼ sec. cor.; asc. 390 ft. over rolling S. and SE. slopes.

80.00 On brushy SE. slope,

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to rock, and supported by a large mound of stone to top, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T39S

R14W	R13W
S24	S19
S25	S30

1930

deposit a granite, 6x5x6 ins. marked (X) on one face at base of post.

Land, rolling mountainous; general E. and SE. exposure; drainage SE.

Soil, rocky, dark gravelly clay loam, 3rd rate; surface

Chains

strewn with large granite boulders on portions of mile.
Undergrowth, dense oak, service, buck, larb, manzanita and sage brush, from 3 to 20 ft. high.
Timber, a few scattering yellow pines.
Good grazing land.

North, bet. secs. 19 and 24.
Over high, rolling mountainous land, through dense, tall undergrowth; asc. rolling SE. and S. slopes.

10.30 Small draw, 30 ft. deep, heads NW. about 8 chs. dist., drains SE.

24.50 Top of high ridge between Harmon and Mill Creeks, 430 ft. above sec. cor., bears N.80°E., and W.; a deep saddle bears W. about 10 chs. dist.; desc. rolling N. and NW. slopes, entering few scattered fir and pines.

40.00 On steep N. slope, 295 ft. below ridge,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼
S24 | S19
1930

from which

A balsam, 14 ins.diam.,bears N.83½°E., 63 lks. dist.,marked ¼ S19 BT
An oak, 12 ins.diam.,bears S.6½°W., 51 lks. dist., marked ¼ S24 BT

41.80 Small draw, 40 ft. below cor., drains NW.

45.20 Rise on W. slope, 20 ft. above draw, bears NW. and E.

48.10 Trail, bears nearly E. and W.

48.70 Mill Creek, stream of clear water, 10 lks. wide, ¼ ft. deep, in canyon, 260 ft. below ¼ sec. cor., drains N.80°E.; gradually asc. rolling E. slope, through dense pine forest and medium dense undergrowth.

49.90 A yellow pine tree 10 ins.diam., on line, marked with 2 notches on N. and S. faces for line tree.

56.20 Small spring branch, ½ lk. wide, course SE.

58.30 Small spring branch, ½ lk. wide, course SE.

Chains	
80.00	On SE. slope, 115 ft. above Mill Creek,

Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to rock, and supported by a mound of stone for cor. of secs. 13, 18, 19 and 24, with brass cap marked

T39S	
R14W	R13W
S13	S18
S24	S19

1930

from which

A point on W. face of granite boulder in place, 6x6x4 ft., marked B|O, bears N.71°E., 32½ lks. dist.
A yellow pine, 14 ins.diam.,bears S.19½°E., 82 lks.dist., marked T39S R13W S19 BT
A yellow pine, 14 ins.diam.,bears S.48°W., 8½ lks.dist.,marked T39S R14W S24 BT
A yellow pine, 12 ins.diam.,bears N.35½°W., 61 lks.dist.,marked T39S R14W S13 BT

Land, mountainous; general easterly exposure and drainage.

Soil, rocky, dark gravelly clay loam, 3rd rate; granite formation.

Undergrowth, dense oak, service, manzanita, maple and sage brush.

Timber, yellow pine, fir and aspen on N. portion of mile.

Fair grazing land.

North, bet. secs. 13 and 18.

Over mountainous land, through dense timber and medium dense undergrowth; asc. 135 ft. over S. slope,

6.00	Leave dense, entering scattering timber and heavier undergrowth.
9.40	Spur, projects S.80°E.; desc. NE. slope, 125 ft. to stream
18.55	Stream of clear water, 5 lks. wide, 4 ins. deep, in ravine, course SE.; gradually asc. over bench with slope to SE., through dense pine timber.
40.00	On gentle SE. exposure of bench, 145 ft. above stream,

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

Chains

¼

S13 | S18

1930

from which

A yellow pine, 10 ins.diam.,bears S.42°E., 49½ lks.dist., marked ¼ S18 BT
A yellow pine, 18 ins.diam.,bears N.84½°W., 18 lks.dist.,marked ¼ S13 BT

45.40 Leave bench slope and dense pine timber, enter dense, tall brush, bears N.20°E., and S.20°W.; asc. along steep E. slope.

54.30 A small spring branch, 1 lk. wide, flows E.

78.00 A large granite boulder, about 30 ft. long and 20 ft. high on E. face, bears W. of line 75 lks. distant.

80.00 On steep E. slope, 390 ft. above ¼ sec. cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked

T39S

R14W	R13W
S12	S7
S13	S18

1930

from which

A yellow pine, 6 ins.diam.,bears N.30½°E., 91 lks. dist.,marked T39S R13W S7 BT
A yellow pine, 18 ins.diam.,bears S.4°E., 180 lks.dist.,marked T39S R13W S18 BT
A yellow pine, 14 ins.diam.,bears S.3°W., 167 lks.dist., marked T39S R14W S13 BT
A yellow pine, 24 ins.diam.,bears N.16½°W., 62 lks.dist.,marked T39S R14W S12 BT

Land, mountainous; general easterly exposure; drainage SE.

Soil, rocky with shallow dark mountain loam; 2nd to 3rd rates.

Timber, yellow pine on portions of mile.

Undergrowth, dense oak, service, buck, manzanita, maple, sage and other varieties, from 2 to 20 ft. high.

Good grazing land.

Chains	
	North, bet. secs. 7 and 12.
	Over mountainous land, through dense undergrowth and scattering pine timber; ascend along E. slope.
7.40	Enter dense aspen, bears NW. and SE.
9.50	Stream of clear water, 5 lks. wide, 6 ins. deep, in canyon, 30 ft. above sec. cor., course S.30°E.; asc. steep S. slope.
12.50	Small spring branch, ¼ lk. wide, flows S.20°E.
16.00	Leave dense aspen, continue through dense, tall brush, bears NW. and SE.
40.00	On steep S. slope, 950 ft. above sec. cor.,
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked
	¼ S12 | S7 1930
	from which
	A yellow pine, 30 ins.diam.,bears N.74½°E., 126 lks.dist., marked ¼ S7 BT A balsam, 24 ins. diam., bears N.73½°W., 110 lks.dist., marked ¼ S12 BT
	Continue abrupt ascent over S. and SW. slopes.
44.00	Base of high, broken granite cliffs and outcroppings, bears E. and W.
51.50	Narrow ravine or gully, 100 ft. deep, on steep SW. slope, drains SW.; continue over abrupt S. slope.
63.60	Top of high, narrow, rocky divide ridge, 2150 ft. above sec. cor., bears N.70°W. and S.70°E.; desc. steep N. slope through dense forest of pine and fir, 410 ft. to sec. cor.
79.00	Base of steep N. slope, bears NE. and NW.; continue gradual descent over NW. slope.
80.00	On NW. slope,
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

ains

T39S
R14W | R13W
S1 | S6
S12 | S7
1930

from which

A fir, 12 ins.diam.,bears N.6°E., 54 lks. dist.,marked T39S R13W S6 BT
A fir, 30 ins.diam.,bears S.73½°E., 67 lks. dist.,marked T39S R13W S7 BT
A balsam, 24 ins.diam.,bears S.19½°W., 37 lks. dist.,marked T39S R14W S12 BT
A fir, 30 ins.diam.,bears N.81½°W., 58 lks. dist.,marked T39S R14W S1 BT

Land, high, rough mountainous with abrupt general N. and S. slopes; drainage SE. and N.

Soil, rocky in form of boulders, cliffs and outcroppings; 4th rate; and shallow dark mountain loam; 2nd rate.

Timber, yellow pine, fir, balsam and aspen.

Undergrowth, dense oak service, manzanita and sage brush.

Poor grazing land on greater portion of mile.

North, bet. secs. 1 and 6.

Over rough mountainous land, through dense timber and scattering undergrowth; gradually descend over NW. slope, 35 ft. to

6.90 Trail, bears NE. and SW.

7.10 Bottom of canyon, drains NE.; asc. rolling S. slope.

2.60 Spur, 200 ft. above canyon, projects E.; desc. N. slope.

4.43 A balsam tree, 12 ins. diam., on line, marked with 2 notches on N. and S. faces for line tree.

2.60 Stream, 1 lk. wide, 4 ins. deep, in bottom of canyon, 275 ft. below spur, drains NE.; asc. S. slope, 175 ft.

0.00 On S. slope,

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

¼
S1 | S6
1930

Chains	
	from which
	A fir, 20 ins.diam.,bears N.83½°E., 40 lks. dist.,marked ¼ S6 BT
	A fir, 16 ins.diam.,bears N.48½°W., 41 lks. dist.,marked ¼ S1 BT
41.60	Spur, 30 ft. above ¼ sec. cor., projects E.; thence over E. slope, enter dense aspen grove.
44.50	Depression 50 ft. deep on E. slope, drains N.80°E.; asc.
49.00	Leave aspen, continue through dense fir timber.
50.90	Trail, bears N.60°E. and S.60°W.
52.20	Reenter aspen with fir and balsam.
54.00	Top of ascent on E. slope, 60 ft. above spur at 41.60 chs.; a high, rocky point bears W. of line about 5 chs. dist. gradually desc. along E. slope, 20 ft.
56.00	Spur, projects NE.; desc. NW. and W. slopes.
65.58	A fir tree, 15 ins. diam., on line, marked with 2 notches on N. and S. edges for line tree.
67.75	N. point of spur from S.20°E.; desc. steep N. slope.
75.40	Canyon, 465 ft. below spur at 56 chs., drains N.20°E.; thence along a steep, broken E. slope.
79.30	Rise on E. slope, 20 ft. above canyon, bears W.; desc. 125 ft.
87.90	Depression on E. slope, drains NE.; asc. 30 ft. to
90.50	Low rise, bears N.20°E. and SW.; desc. 100 ft. over steep N. slope to cor.
93.74	Intersect an E. and W. line, West, 18.80 chs. distant from the cor. of Ts. 38 and 39 S., Rs. 13 and 14 W., which is an iron post, 3 ins. diam., properly set, marked and witnessed as described in official record.
	At point of intersection,
	Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, for corner of T. 39 S., Rs. 13 and 14 W., with brass cap marked

T38SR14W
S36

S1	S6
R14W	R13W

T39S
1930

Chains

from which

A balsam fir, 8 ins.diam.,bears S.37½°E., 31 lks. dist.,marked T39S R13W S6 BT
A balsam fir, 10 ins.diam.,bears S.6½°W., 22 lks. dist.,marked T39S R14W S1 BT

Corner situated on N. slope, 120 ft. above old tp. cor.

The old tp. cor., East, 18.80 chs. distant now becomes the corner of T. 38 S., Rs. 13 and 14 W. only, I deface the marks on post and bearing trees that pertain to T. 39 S.

Land, high mountainous; general NE. exposure and drainage.

Soil, rocky of granite formation, with shallow mountain loam; 3rd rate.

Timber, dense forest of fir, balsam, aspen and pine.

Undergrowth, scattering sage, oak and buck brush.

Good grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T.39 S.,R.13 W.

REESTABLISHMENT OF SURVEYS EXECUTED BY JOSEPH GORLINSKI, U. S. DEPUTY SURVEYOR IN 1870.

Begin at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of tp., heretofore described.

Thence

North, bet. secs. 35 and 36.

.60 Intersect the original ¼ sec. cor., hereinafter described.

The true bearing and distance of this half mile therefore is North, 40.60 chs.

Continue North with continuous measurement.

.50 Intersect the original cor. of secs. 25, 26, 35 and 36, hereinafter described.

The true bearing and distance of N. ½ mile therefore is North, 39.90 chs.

From the cor. of secs. 25, 26, 35 and 36.

East, bet. secs. 25 and 36.

.00 No evidence of the original ¼ sec. cor. can be found after careful search. Leave temp. point.

Dependent Resurvey of Subdivision, T. 39 S., R. 13 W.

Chains	
84.48	Intersect E. bdy. of tp., 10.35 chs. South from the old cor. of secs. 25 and 36, which is changed to an angle point. At point of intersection the cor. of secs. 25 and 36 is established, and heretofore described in resurvey of East boundary.
	The true bearing of mile therefore is East and the proportionate point for ¼ sec. cor. is 42.24 chs.
	Return to the cor. of secs. 1, 2, 35 and 36 on S. bdy. of tp., thence
	North, bet. secs. 35 and 36.
	Over rolling bench through dense cedars and scattering undergrowth of sagebrush; gradually ascend along E. slope, 240 ft. to ¼ sec. cor.
40.25	Midpoint bet. cor. of secs. 1, 2, 35 and 36, and the cor. of secs. 25, 26, 35 and 36,
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. on E. bdy. of sec. 35, with brass cap marked
	¼ | S35 1930
	from which
	A cedar, 6 ins. diam., bears N.54½°W., 51 lks. dist., marked ¼ S35 BT
	No other suitable accessories.
40.60	Intersect the original ¼ sec. cor., which is a volcanic stone, 18x12x12 ins., marked ¼ on top, loosely set in a mound of stone. This cor. now will refer to sec. 36 only.
	At point for cor.,
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and supported by a mound of stone to top, for ¼ sec. cor. of sec. 36, with brass cap marked
	¼ | S36 1930

Chains

from which

A cedar, 4 ins.diam.,bears N.53¼°E., 32 lks. dist.,marked ¼ S36 BT

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

Gradually ascend 140 ft. over E. slope to sec. cor.

80.50 Intersect the original cor. of secs. 25, 26, 35 and 36, which is the center of an old mound of stone, no marked stone could be identified. Old cuttings in timber found to S. and E. of mound. In center of the mound,

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and supported by a mound of stone to top, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T39S	R13W
S26	S25
S35	S36

1930

from which

A cedar, 6 ins.diam.,bears N.41½°E., 18 lks. dist.,marked T39S R13W S25 BT
A cedar, 8 ins.diam.,bears S.38¼°E., 17 lks. dist.,marked T39S R13W S36 BT
A cedar, 8 ins.diam.,bears S.32½°W., 40 lks. dist.,marked T39S R13W S35 BT
A cedar, 8 ins.diam.,bears N.42¼°W., 137 lks. dist.,marked T39S R13W S26 BT

Land, rolling bench with a gradual easterly slope.

Soil, rocky of black volcanic formation, mixed with shallow clay loam; 3rd and 4th rates; surface strewn with rock.

Timber, dense cedars.

Undergrowth, sagebrush.

Poor to fair grazing.

From the cor. of secs. 25, 26, 35 and 36.

East, bet. secs. 25 and 36.

Gradually descend over rolling E. slope of bench, through dense cedars and scattered sagebrush.

Chains	
9.00	Small draw, 25 ft. deep, drains SE.
18.10	Begin steeper descent E. slope, bears NW. and S.; also point from which a cement bridge on highway bears S.40½°E., approximately 30 chs. dist.
25.60	Dry channel of Leap Creek, 80 lks. wide, 185 ft. below sec. cor., course S.30°E.; asc. 30 ft. to
27.40	Volcanic rim on E. side of creek, bears N.20°W. and S.3 continue descent over E. slope.
33.00	Telephone line, bears N.14°45'E. and S.14°45'W.
38.00	Transmission line, bears N.15°E. and S.15°W.; leave tim and rocky soil, enter nearly level valley, bears NE. and S.
40.20	U.S. Highway No. 91, between Cedar City and St. George, Utah, on curve, bears NE. and SE.; old vacant frame house on W. side of road, bears S. of line about 2 chs. dist.
40.65	Wire fence, bears nearly N. and S.; enter field.
42.24	Proportionate point, 265 ft. below sec. cor.,
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with glass deposit at base, for ¼ sec. cor. of secs. 25 and 36, with brass cap marked
	¼ S25/S36 1930
	Raise a small mound of stone around cor.
43.10	Leave field, bears N. and S.; continue through short undergrowth.
61.00	Dry channel of Ash Creek, in wash, 4 chs. wide, 10 ft. deep, course S.20°W.; gradually asc. W. slope, 155 ft.
84.48	Intersect the E. bdy. at the cor. of secs. 25 and 36, heretofore described.
	Land, rolling bench slopes and valley.
	Soil, rocky of volcanic formation on bench slopes; 3rd and 4th rates; gravelly clay and sandy loam in valley; 2nd rate.
	Timber, cedar on W. and E. portions.

Chains	
	Undergrowth, sagebrush.
	Fair grazing land on bench slopes.

SURVEY OF SUBDIVISION, T. 39 S., R. 13 W.

	From the cor. of secs. 25, 26, 35 and 36.
	North, on true line bet. secs. 25 and 26.
	Over rolling bench with gradual E. slope, through dense scrub cedar, and scattering undergrowth; gradual ascent.
3.40	Small draw, 15 ft. deep, near head, drains E.
23.30	S. rim of canyon, 85 ft. above sec. cor., bears N.70°W. and S.80°E.; desc. abrupt N. slope of volcanic rim rock and boulders, 165 ft.
29.00	Dry channel of Leap Creek, 50 lks. wide, in botton of canyon, course S.80°E.; asc. steep S. slope through dense, tall brush, 200 ft. to
35.30	N. rim of canyon, bears nearly E. and W.; continue gentle ascent of 20 ft. over bench to ¼ sec. cor.
40.00	On bench,
	Set an iron post, 3 ft. long, 1 in. dia., over cross (X), cut in solid rock, and supported in a large mound of stone to top, for ¼ sec. cor. of secs. 25 and 26, with brass cap marked

¼

S26 | S25

1930

from which

A cedar, 10 ins. diam., bears S.59°E., 27 lks. dist., marked ¼ S25 BT
A cedar, 5 ins. diam., bears N.64½°W., 26½ lks. dist., marked ¼ S26 BT

	Gradually asc. over bench with SW. and S. slopes.
68.60	Top of a rocky rise, bears NE. and SW.; continue ascent over rolling bench.
80.00	Intersect line brought West from the cor. of secs. 24 and 25 on E. bdy. of tp.,
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in

Chains	
	the ground to bedrock, and supported by a large mound of stone to top, for cor. of secs. 25 and 26 only, with brass cap marked
	S23 S26 | S25 T39S | R13W 1930
	from which
	A cedar, 7 ins.diam., bears S.52¼°E., 54 lks. dist., marked T39S R13W S25 BT A cedar, 9 ins.diam., bears S.4°W., 80½ lks. dist., marked T39S R13W S26 BT
	Land, rolling and broken bench with general E. and SE. exposures and drainage.
	Soil, rocky of volcanic formation, with shallow clay loam; 3rd and 4th rates.
	Timber, scrub cedar.
	Undergrowth, scattering sagebrush, oak and service brush.
	Fair grazing land.
	From the cor. of secs. 25 and 26.
	East, on random line for distance on N. bdy. sec. 25.
4.48	Set temp. cor. for secs. 23 and 24.
42.24	Set temp. ¼ sec. cor. for sec. 25.
44.48	Set temp. ¼ sec. cor. for sec. 24.
84.48	Intersect E. bdy. of tp. at the cor. of secs. 24 and 25, heretofore described.
	Thence,
	West, on true line, bet. secs. 24 and 25.
	Over rolling bench, through scattering undergrowth and timber; asc. steep, rocky SE. slope, 175 ft. to
12.00	Top of ascent on S. slope, bears N. and slopes off S.; desc. 200 ft. over SW. and S. slopes.
24.10	Deep ravine, course SE.; asc. steep E. slope, 215 ft. to
28.60	W. rim of ravine, bears N. and SE.; continue more gradual ascent over SE. slope, entering dense timber.
31.70	Dim trace of old wood road, bears NW. and SE.

Chains	
10.00	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground to bedrock and surrounded by a mound of stone to top for ¼ sec. cor. sec. 24 only, with brass cap marked ¼ S24 1930 from which A cedar, 14 ins. diam., bears N.64°45'W., 52 lks. dist., marked ¼ S 24 B T A cedar limb, 8 ins. diam., bears N.76°E., 51 lks. dist., marked ¼ S 24 B T
2.24	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone on bedrock for ¼ sec. cor. sec. 25 only, with brass cap marked ¼ S25 1930 from which A cedar, 5 ins. diam., bears S.31½°E., 35½ lks. dist., marked ¼ S 25 B T A cedar, 12 ins. diam., bears S.56½°W., 41 lks. dist., marked ¼ S 25 B T
	Continue ascent.
3.70	Top of ascent on black rim about 10 ft. high, bears N.20°E. and S.20°W., 415 ft. above ravine; descend abruptly.
8.50	Base of steep descent, descend gradually.
7.40	Draw, 90 ft. below rim, drains SE.; gradually ascend.
0.00	Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground to hardpan and surrounded by a mound of stone to top for cor. of secs. 23 and 24, with brass cap marked T39S | R13W S23 | S24 S25 1930 from which

Chains	
	A cedar, 6 ins.diam., bears N.82°E., 8.54 lks. dist., marked T 39 S R 13 W S 24 B T
	A cedar, 8 ins.diam., bears N.63½°W., 28 lks. dist., marked T 39 S R 13 W S 23 B T
84.48	The cor. of secs. 25 and 26, 25 ft. above draw.
	Land, rolling and rough and broken bench; general SE. exposure and drainage.
	Soil, rocky of volcanic formation with a shallow clay loam; hardpan close to surface; 3rd. and 4th. rates.
	Timber, scattering to dense growth of cedar and pinon.
	Undergrowth, scattering sagebrush, oak and service berry brush.

	From the cor. of secs. 23 and 24.
	North, bet. secs. 23 and 24.
	Ascend over general E. slope through dense oak brush and scattering cedar timber.
20.90	Wash, 20 lks. wide, 1 ft. deep, in draw, 50 ft. above sec. cor., drains SE. about 2 chs. distant, thence S.; gradually ascend 110 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S23 | S24 1930
	from which
	A cedar, 10 ins.diam., bears N.15°E., 4 lks. dist., marked ¼ S 24 B T
	A cedar, 8 ins.diam., bears S.65½°W., 41 lks. dist., marked ¼ S 23 B T
	Thence over rolling and broken ground.
59.80	Wash, 30 lks. wide, 3 ft. deep, drains S.80°E.
80.00	On nearly level bench.
	Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in the ground for cor. of secs. 13,14,23, and 24, with

brass cap marked

T39 S	R13W
S14	S13
S23	S24

1930

from which

A cedar, 10 ins.diam., bears N.34¼°E., 262 lks. dist., marked T 39 S R 13 W S 13 B T

A cedar, 4 ins.diam., bears S.62½°E., 13½ lks. dist., marked S24 BT.

A cedar, 6 ins.diam., bears S.77½°W., 14 lks. dist., marked T 39 S R 13 W S 23 B T

A cedar, 8 ins.diam., bears N.45½°W., 77 lks. dist., marked T 39 S R 13 W S 14 B T

Land, rolling and broken bench; general SE. exposure and drainage.

Soil, rocky of volcanic formation with shallow brown clay loam; 2nd. to 4th. rates.

Timber, scattered growth of cedar.

Undergrowth, medium to dense growth of oak, sage, and service berry brush.

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

40.00 Set temp. ¼ sec. cor.

79.94 Intersect E. bdy. of the Tp. at the cor. of secs. 13 and 24.

Thence

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

Gradually ascend over rolling E. exposure through scattering timber and undergrowth.

12.50 Old road, bears N. and S.

14.49 Tall Beacon Light No.40A, on the Salt Lake- Apex Division, Airways Service of the Department of Commerce, bears N.0°52'W.

20.00 Low ridge or rise, 55 ft. above sec. cor., bears N. and S.; descend 30 ft. to

31.20 Shallow draw, drains S.30°W.; gradually ascend.

39.97 In shallow swale draining S.

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in

Chains	
	the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S13 / S24 / 1930
	from which
	A cedar, 10 ins.diam.,bears S.62½°E., 118 lks. dist.,marked ¼ S 24 B T
	A cedar, 9 ins.diam.,bears N.59°W., 123 lks. dist.,marked ¼ S 13 B T
	From this cor., Beacon Light No.398 on the Salt Lake-Apex Division Airways Service of the Department of Commerce, bears S.9°11'W., about 75 chs. distant.
	Ascend gentle E. slope 135 ft. to
64.45	Thence over nearly level bench.
79.94	The cor. of secs. 13,14,23, and 24.
	Land, rolling; general E. exposure and S. drainage.
	Soil, brown clay loam and volcanic rock; 3rd. and 4th. rates.
	Timber, cedar.
	Undergrowth, sagebrush, oak, and service berry brush.
	North, bet. secs. 13 and 14.
	Gradually ascend over rolling land through scatter ing cedar timber and oak and sagebrush undergrowth.
14.65	Shallow draw, drains S.80°E.
20.60	Top of ascent, 75 ft. above sec. cor., bears N.80°E. and S.80°W.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S14 | S13 / 1930
	from which

A cedar, 10 ins.diam., bears N.57°E., 165 lks. dist., marked ¼ S 13 B T

A cedar, 8 ins.diam., bears S.47°45'W., 217 lks. dist., marked ¼ S 14 B T

62.20 Enter small grove of dense, tall oak brush, bears E. and W.

75.50 Leave grove , bears E. and W.

75.80 Wash, 20 lks. wide, 1 ft. deep, drains S.80°E.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and surrounded by a mound of stone 6 ft. base, 3 ft. high, for cor. of secs. 11,12,13, and 14, with brass cap marked

T39S S11	R13W S12
S14	S13

1930

from which

A cedar, 8 ins.diam., bears N.82½°E., 206 lks. dist., marked T 39 S R 13 W S 12 B T

A cedar, 6 ins.diam., bears S.30½°E., 114 lks. dist.; marked T 39 S R 13 W S 13 B T

A cedar, 6 ins.diam., bears S.54°W., 94 lks. dist., marked T 39 S R 13 W S 14 B T

A cedar, 6 ins.diam., bears N.52°45'W., 213 lks. dist., marked S11 BT

Land, rolling; general SE. exposure and drainage.

Soil, brown clay loam, gravelly and rocky of volcanic formation; 2nd. to 4th. rates.

Timber, cedar.

Undergrowth, sagebrush, oak, and service berry brush.

East, on a random line bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

79.94 Intersect E. bdy. of the Tp. at the cor. of secs. 12 and 13.

Thence

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

Ascend abruptly 65 ft. over lava rock rim facing E.

Chains	
2.00	Top of rim, bears N. and S.5°W.; thence over rolling and broken ground through scattering cedar timber and undergrowth of oak, sage, and service berry brush.
39.97	On gentle E. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and surrounded by a mound of stone 6 ft. base, 3 ft. high for ¼ sec. cor., with brass cap marked
	¼ S12 / S13 1950
	from which
	A cedar, 10 ins.diam.,bears N.61°45'E., 51 lks. dist.,marked ¼ S 12 B T
	A cedar, 8 ins.diam.,bears S.42°E., 50 lks. dist.,marked ¼ S 13 B T
43.85	Top of ascent, descend very gradually.
52.05	Swale, drains S.10°E.; gradually ascend.
62.65	Top of ascent; descend 15 ft. to sec. cor.
79.94	The cor. of secs. 11,12,13, and 14.
	Land, rolling; general SE. exposure and S. drainage.
	Soil, rocky of volcanic formation with shallow brown clay loam; 2nd. to 4th. rates.
	Timber, cedar.
	Undergrowth, sage, oak, service berry brush and native grasses.
	North, bet. secs. 11 and 12.
	Gradually ascend 70 ft. over gentle S. slope through medium growth of cedar timber and undergrowth of sagebrush.
21.00	S. edge of flat ridge, bears NW. and SE.; thence across ridge through dense timber.
34.00	Leave ridge, bears NW. and SE.; descend 20 ft. to
40.00	On gentle N. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in

Chains

the ground on solid rock and surround by a mound of stone 6 ft. base, 20 ins. high for ¼ sec. cor., with brass cap marked

¼
S11 | S12
1930

from which

A cedar, 16 ins.diam.,bears S.26°E., 59 lks. dist.,marked ¼ S 12 B T

A cedar, 10 ins.diam.,bears S.15°W., 86 lks. dist.,marked ¼ S 11 B T

From cor. continue descent over N. slope.

44.30 Slope changes from N. to NE.

55.00 Wash, 50 lks. wide, 2 ft. deep, drains N.20°E.; thence along nearly E. slope.

54.90 Wash, 20 lks. wide, 6 ft. deep, drains N.70°E. about 50 lks. to junction with wash noted at 55.00 chs., then N.10°E.

60.00 On gentle NE. slope, 60 ft. below ¼ sec. cor.

Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs.1,2,11, and 12, with brass cap marked

T39S | R13W
S2 | S1
S11 | S12
1930

from which

A cedar, 5 ins.diam.,bears N.27°45'E., 36 lks. dist.,marked T 39 S R 13 W S 1 B T

A cedar, 6 ins.diam.,bears S.2¼°E., 25 lks. dist.,marked T 39 S R 13 W S 12 B T

A cedar, 20 ins.diam.,bears S.20°W., 5 lks. dist.,marked T 39 S R 13 W S 11 B T

A cedar, 6 ins.diam.,bears N.56°W., 24 lks. dist.,marked T 39 S R 13 W S 2 B T

Land, rolling; general E. exposure and drainage.

Soil, rocky and shallow brown clay of volcanic formation; 3rd. and 4th. rates.

Timber, medium to dense growth of cedar.

Subdivision of T.[illegible] N.

Chains	
	Undergrowth, sagebrush, oak, and service berry brush.
	East, on a random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
80.16	Intersect E. bdy. of the Tp. at the cor. of secs. 1 and 12.
	Thence
	West, on true line bet. secs. 1 and 12.
	Gradually descend over broken ground through cedar timber and undergrowth of sage and oak brush.
10.65	Top of black volcanic rim facing W., bears N.20°E. and S.20°W.; descend 40 ft. to
18.15	Draw, drains N.20°E.; ascend E. slope 35 ft. to
32.05	Spur, projects N.; gradually descend.
37.45	Swale, drains N.; gradually ascend NE. slope, surface strewn with volcanic rock.
40.16	At base of volcanic outcropping facing E.
	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

$$\frac{S1}{\frac{1}{4}\ \ S12}$$
1930

from which

A cedar, 12 ins.diam., bears S.42°W., 51 lks. dist.,marked ¼ S 12 B T

A cedar, 10 ins.diam.,bears N.19°W., 38 lks. dist.,marked ¼ S 1 B T

	Ascend broken NE. slope 90 ft. to
49.45	Spur, projects N.; gradually descend.
56.65	Begin steep descent, bears N. and S.
62.25	Deep draw, 160 ft. below spur, drains N.; ascend E. slope
67.95	Spur, 70 ft. above draw, projects N.30°E.; descend W. slope 20 ft. to
75.65	Wash, 20 lks. wide, 1 ft. deep, in draw, drains N.30°E.; ascend NE. slope 40 ft. to
80.16	The cor. of secs. 1,2,11, and 12.

Chains	
	Land rolling and broken mountains with general N. drainage.
	Soil, rocky of volcanic formation with shallow, brown clay loam; 3rd. and 4th. rates.
	Timber, medium to dense growth of cedar.
	Undergrowth, sagebrush and scattered oak and service berry brush.
	North, on true line bet. secs. 1 and 2.
	Gradually ascend along general E. slope through dense cedar timber and undergrowth of oak and sagebrush.
4.10	Top of ascent on E. slope, 15 ft. above sec. cor.; descend very gradually over N. slope.
8.20	Descend along black volcanic boulder rim facing W.
9.81	From this point, Bostalek's house bears N.12°57'W.; a frame building bears N.10°16'W.; and the E. edge of field, near NE. cor. of same, bears N.8°30'W.
4.60	Leave volcanic rim, bears to the W.; thence over bench land.
0.00	On bench in dense cedar grove.
	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S2 | S1

1930

from which

A cedar, 10 ins.diam., bears N.60°E., 172 lks. dist., marked ¼ S 1 B T

A cedar, 6 ins.diam., bears S.84½°W., 77 lks. dist., marked ¼ S 2 B T

7.40	Small volcanic rim, 10 ft. high, bears N.10°E.& S.10°W. about 1 ch. to end.; descend NW. slope.
8.94	Four strand barbed wire fence, bears W., E. 99 lks. to SE. cor., then N.
5.30	A field extending N. and S., bears W. about 8 chs. distant.

Subdivision of T.39 S.,R.13 W.

Chains	Chains
63.20	A small draw, [illegible] W. about 5 chs. to [illegible] E.
83.10	Small draw drains W.; gradually ascend along W. slope.
84.75	Three strand barked wire fence, bears W. and E. about 1 ch. to junction with N. and S. fence.
91.64	From this point Postal's house, bears N.73°10'W., an frame building bears S.75°23'W.
91.65	Top of ascent on W. slope of hill; gradually descend.
93.21	Intersect North boundary of the township.

Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and in a large mound of stone for closing cor. of secs. 1 and 2, with brass cap marked

T38SR13W
S35

S2 | S1
T39S | R13W
CC
1930

from which

A cedar, 8 ins.diam.,bears S.16°20'W., 138 lks. dist.,marked T 39 S R 13 W S 2 C C B T

From this cor.:

S. gable of house, bears N.79°31'W.

N. gable of house, bears N.77°59'W.

A high peak, bears S.83°53'W.

The cor. of secs. 1,2,35, and 36 on the north boundary of the Tp., which is an iron post, 2 ins. in diam., firmly set in a mound of stone, and marked and witnessed as described in the official record, bears East, .98 chs. distant. I destroy all marks on the cor. monument that pertain to secs. 1 and 2, T.39 S.,R.13 W. This cor. stands 3 lks. E.of a four strand barbed wire fence bearing N. and S.

Land, low rolling and broken mountains with a general NE. exposure and E. drainage.

Soil, brown, sandy clay loam and rocky of volcanic formation; 2nd. to 4th. rates.

Timber, medium to dense growth of cedar in the south

Chains	
	portion of mile, scattering in the north portion. Undergrowth, dense to scattered growth of oak and sage-brush.
	From the cor. of secs. 34 and 35 on the S. bdy. of the Tp. heretofore described.
	N.0°01'W., bet. secs. 34 and 35.
	Ascend over mountainous land through medium growth of timber and undergrowth.
10.30	Old dim wood road, bears N.30°E. and S.30°W.
14.20	Top of SW. slope, bears NW. and SE.; thence along a general E. slope.
31.20	Old road, bears W., E. about 50 lks. then S.20°E.
37.40	Draw, drains S.70°E.; ascend.
40.00	On brushy SW. slope, 215 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground to solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S34 | S35 1930
	from which
	A cedar, 10 ins.diam.,bears N.47½°E., 101 lks. dist.,marked ¼ S 35 B T
	A pinon, 6 ins.diam.,bears N.53¼°W., 74 lks. dist.,marked ¼ S 34 B T
42.60	Fence, bears N.30°E. and S.20°W.
46.60	Spur, 100 ft. above ¼ sec. cor., projects S.80°E.; thence along general E. slope.
59.00	Draw, near head, 20 ft. above spur, drains S.80°E.; ascend S. slope 130 ft. to
64.00	Spur, projects E.; gradually descend.
68.30	Draw, 40 ft. below spur, drains S.60°E.; ascend abruptly.
80.00	On steep SE. slope 145 ft. above draw.
	Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and surrounded by a mound

Chains	
	of stone to top for cor. of secs. 26,27,34, and 35, with brass cap marked
	T39S | R13W S27 | S26 ——— S34 | S35 1930
	From which
	A pinon, 7 ins.diam.,bears N.52½°E., 61 lks. dist.,marked T 39 S R 13 W S 26 B T
	A pinon, 8 ins.diam.,bears S.39½°E., 52 lks. dist.,marked S35 BT
	A pinon, 5 ins.diam.,bears S.12¼°W., 37 lks. dist.,marked T 39 S R 13 W S 34 B T
	A cedar, 8 ins.diam.,bears N.39°W., 25 lks. dist.,marked S27 B T
	From this cor., the SE. cor. of field, bears N.83°E.; the SW. cor. of same field, bears N.80½°E.
	Land, mountainous; general S. exposure and drainage.
	Soil, clay loam, gravelly and rocky of granite and volcanic formation; 2nd. to 4th. rates.
	Timber, medium growth of cedar and scattered pinon.
	Undergrowth, sage and red brush.
	East, on a random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
75.48	Intersect N. and S. line 37 lks. S. of the cor. of secs. 25,26,35, and 36.
	Thence
	S.89°43'W., on true line bet. secs. 26 and 35.
	Ascend over bench land facing E., through cedar and pinon timber and undergrowth of sagebrush.
25.50	Rim of upper bench, 135 ft. above sec. cor., bears N. and S.; descend very gradually.
32.00	Fence, bears N. and S.
35.48	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked
	S26 ¼ S35 1930

Chains	
	from which
	A cedar, 6 ins.diam., bears N.62°E., 55 lks. dist., marked ¼ S 26 B T
	A cedar, 5 ins.diam., bears S.73°W., 64 lks. dist., marked ¼ S 35 B T
	From this cor., G.I.Batty's house, bears N.17°50'W., 27.00 chs. distant.
9.70	Road, bears N.70°W. and S.70°E.
5.70	From this point, the SW. cor. and W. edge of field, bears N.
8.70	Fence and leave bench, bears N.4°E. and S.4°W.; thence over mountainous land; descend.
1.50	Draw, drains S.; ascend abruptly 155 ft. over E. slope.
4.00	High spur, projects SE.; descend 45 ft. to
8.90	Draw, drains S.; ascend SE. slope 160 ft. to
5.48	The cor. of secs. 26,27,34, and 35.
	Land, E. 48.70 chs. rolling bench, remainder of mile mountainous; general S. exposure and drainage.
	Soil, gravelly, sandy clay loam and rocky of granite formation; 2nd. to 4th. rates.
	Timber, cedar and pinon.
	Undergrowth, sagebrush and service berry brush.

	N.0°01'W., bet. secs. 26 and 27.
	Ascend abruptly over mountainous land through scattering timber and medium growth of brush.
7.75	Spur, 115 ft. above sec. cor., projects S.60°E.; gradually descend.
1.90	Small draw, drains S.80°E.; ascend S. slope.
5.50	Low spur, projects S.70°E.; descend NE. slope 40 ft. to
9.10	Draw, drains S.65°E.; enter dense timber; ascend.
0.00	On S. slope near top of spur, 175 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S27 | S26

1930

Chains	
	from which
	A cedar, 6 ins.diam., bears S.35°E., 30½ lks. dist., marked ¼ S 26 B T
	A pinon, 6 ins.diam., bears S.56°45'W., 35 lks. dist., marked ¼ S 27 B T
	From this cor., G.I.Batty's house, bears S.65°50'E.; a spring bears S.70°E. about 25 chs. distant.
40.50	Spur, projects E.; descend NE. slope.
46.60	Slope changes from NE. to N.; leave dense timber, bears E. and W.
51.90	Draw, 195 ft. below spur, drains E.; ascend.
56.50	Low spur, projects S.80°E.; descend 45 ft. to
60.40	Draw, drains S.80°E.; ascend SE. slope.
64.50	Low spur, projects S.85°E.; descend abruptly over N. slope 250 ft.
73.20	Draw, drains E.; ascend easterly slope 70 ft. to sec.cor
80.00	On spur, projects N.80°E.
	Set an iron post, 3 ft. long, 2 ins. in dia., 15 ins. in the ground to solid rock and surrounded by a mound of stone to top for cor. of secs. 22,23,26, and 27, with brass cap marked

T39S	R13W
S22	S23
S27	S26

1930

from which

A pinon, 8 ins.diam., bears N.49°E., 91 lks. dist., marked T 39 S R 13 W S 23 B T

A pinon, 8 ins.diam., bears S.78°W., 74 lks. dist., marked T 39 S R 13 W S 27 B T

A cedar, 12 ins.diam., bears N.36½°W., 29 lks. dist., marked T 39 S R 13 W S 22 B T

No other trees suitable for bearing trees are available.

Land, mountainous; general E. exposure and drainage.

Soil, gravelly, rocky and clay loam; 3rd. and 4th. rates.

Timber, medium to dense growth of cedar and pinon.

Undergrowth, sagebrush, oak and service berry brush.

Subdivision of T.39 S., R.13 W.

Chains	
	N.89°43'E., on a random line bet. secs. 23 and 26.
40.00	Set temp. ¼ sec. cor.
75.50	Fall 4 lks. S. of the cor. of secs. 25 and 26.
	Thence
	S.89°41'W., on true line bet. secs. 23 and 26.
	Over rolling and broken mountainous land through dense cedar timber and undergrowth of sage and oak brush. Gradually ascend.
6.30	Leave dense timber, bears N. and S.
16.50	Begin steeper ascent, bears N. and S.
20.15	Top of granite outcrop or spur, 115 ft. above sec. cor., projects SE.; from this point E. side and SE. cor. of field, bears S.7°W.
	Thence over rolling general S. exposure.
35.51	Mid-point between the cor. of secs. 22,23,26, and 27 and the cor. of secs. 23 and 24.
	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground to solid rock and supported by a mound of stone, 6 ft. base to top for ¼ sec. cor., with brass cap marked
	¼ S23 / S26 1930
	from which
	A cedar, 6 ins.diam.,bears N.23°E., 20 lks. dist.,marked ¼ S 23 B T
	A cedar, ins.diam.,bears S.57°W., 52 lks. dist.,marked ¼ S 26 B T
	Cor. stands on a S. slope; descend along S. and SW.slopes.
45.50	Draw, 80 ft, below ¼ sec. cor., drains S.; ascend E. slope 100 ft. to
53.00	Spur, projects S.; descend steep W. slope 230 ft. to
53.70	Bottom of Leap Canyon, channel dry, course S.; ascend 230 ft. to sec. cor.
57.70	Trail, bears N. and S.
71.50	Ditch, 5 lks. wide, 9 ins. deep, course S.
75.50	The cor. of secs. 22,23,26, and 27.

Chains	
	Land, rolling bench in the east portion and mountainous in the western portion of mile.
	Soil, gravelly, rocky, and shallow brown clay; granite formation; 3rd. and 4th. rates.
	Timber, cedar and a few scattered pinon.
	Undergrowth, sagebrush and scattered oak.
	N.0°01'W., bet. secs. 22 and 23.
	Descend along E. slope over mountainous land through scattered timber and dense undergrowth.
6.80	Begin descent over broken NE. slope.
11.50	Trail, bears N.80°W. and S.80°E.
16.80	Ditch, 5 lks. wide, 6 ins. deep, course S.70°E.
20.60	Bottom of Leap Canyon, small trickle of water in same, 155 ft. below sec. cor., course SE.; ascend abruptly.
34.00	Spur, 250 ft. above canyon, projectsS.80°W.; thence along steep W. slope.
40.00	On steep W. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground to solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

¼

S22 | S23

1930

from which

A pinon, 6 ins.diam., bears N.16½°E., 85 lks. dist., marked ¼ S 23 B T

A cedar, 8 ins.diam., bears S.9°45'W., 44 lks. dist., marked ¼ S 22 B T

	Continue along steep W. slope gradually ascending.
50.00	Small spur or outcrop, 80 ft. above ¼ sec. cor., projects W.; descend 60 ft. to
58.60	Draw, drains W.; ascend 360 ft. to
72.00	Top of ascent on steep, rocky W. slope of high peak which bears E. about 7 chs. distant; descend 120 ft. to

Chains	
80.00	On a NW. slope.
	Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground to solid rock and surrounded by a mound of stone to top for cor. of secs. 14,15,22, and 23, with brass cap marked

T39S	R13W
S15	S14
S22	S23
1930	

from which

A pinon, 7 ins.diam.,bears N.56°45'E., 150 lks. dist.,marked T 39 S R 13 W S 14 B T

A pinon, 8 ins.diam.,bears S.59¼°E., 85 lks. dist.,marked T 39 S R 13 W S 23 B T

A pinon, 8 ins.diam.,bears S.43°45'W., 25 lks. dist.,marked T 39 S R 13 W S 22 B T

A pinon, 6 ins.diam.,bears N.6½°W., 96 lks. dist.,marked T 39 S R 13 W S 15 B T

Land, mountainous with a general S. drainage.

Soil, gravelly and rocky of granite and limestone formation; 3rd. and 4th. rates.

Timber, cedar and pinon.

Undergrowth, sagebrush, service berry brush and oak.

N.89°41'E., on a random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line 5 lks. N. of the cor. of secs. 13,14,23, and 24.

Thence

S.89°43'W., on true line bet. secs. 14 and 23.

Ascend over broken mountainous bench land through dense and tall undergrowth.

20.90 Top of volcanic rim about 20 ft. high facing E., 110 ft. above sec. cor., bears N. and S.; ascend very gradually.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 15 ins. in the ground to hardpan and surrounded by a large mound of stone for ¼ sec. cor., with brass cap marked

¼ S14 / S23 / 1930

Subdivision of T.30 S., R.13 W.

Chains	
	No suitable accessory available.
40.30	Trail, bears NE. and SW.
41.70	Wash, 30 lks. wide, 2 ft. deep, in draw, drains SE.; le dense undergrowth and enter dense timber, bears NW. and SE.; ascend abruptly over NE. slope.
47.00	Same trail, bears NW. and SE.
74.00	Top of ascent on N. slope of high peak, 320 ft. above draw, slopes to the N.; descend N. and NW. slopes 35 ft. to sec. cor.
80.00	The cor. of secs. 14,15,22, and 23.
	Land, E. 41.70 chs. rolling and broken bench, remainder of mile mountainous; general NE. exposure and E. drainage.
	Soil, shallow clay loam and rocky of volcanic and grani formation; 3rd. and 4th. rates.
	Timber, cedar and pinon on W. portion of mile.
	Undergrowth, oak, service berry brush, larb, and sage-brush.
	N.0°01'W., bet. secs. 14 and 15.
	Descend N. slope over mountainous land through scatterin timber and undergrowth. Granite outcroppings on slope
1.90	Base of N. slope; thence over more rolling land through sagebrush and patches of tall oak brush; leave granite outcroppings.
4.90	Trail, bears E. and W.
7.90	Wash, 20 lks. wide, 1 ft. deep, in draw, drains S.80°E.
18.10	Wash, 15 lks. wide, 2 ft. deep, drains S.70°E.
23.10	Large draw or gulch, 80 ft. below sec. cor., drains SE.; gradually ascend 50 ft. to
27.10	Low granite spur or point, bears E. and N.70°W.; gradually descend.
33.10	Draw, drains S.10°W.; enter heavier timber and undergrowth; ascend 95 ft. to

Subdivision of T.39 N., R.13 W.

Chains	
40.00	On W. slope about 1½ chs. E. of gulch draining S. Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground to solid rock and surrounded by a large mound of stone to top for ¼ sec. cor., with brass cap marked

¼
S15 | S14
1930

from which

A pinon, 3 ins.diam.,bears S.21°45'E., 31 lks. dist.,marked BT

A pinon, 5 ins.diam.,bears S.89½°W., 43 lks. dist.,marked ¼ S 15 B T

Continue along rough and broken W. slope ascending.

56.50 Draw, drains W. about 2 chs. to junction with gulch draining S.; ascend SW. slope broken by granite outcroppings.

70.30 Top of rocky outcropping on W. slope, 350 ft. above ¼ sec. cor., bears W. and easterly to high peak; continue along rocky W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground to solid rock and surrounded by a mound of stone to top for cor. of secs. 10,11,14, and 15, with brass cap marked

T39S | R13W
S10 | S11
S15 | S14
1930

from which

A pinon, 12 ins.diam.,bears N.55½°E., 170 lks. dist.,marked T 39 S R 13 W S 11 B T

A pinon, 20 ins.diam.,bears S.37°E., 130 lks. dist.,marked T 39 S R 13 W S 14 B T

A pinon, 8 ins.diam.,bears S.73°W., 73 lks. dist.,marked T 39 S R 13 W S 15 B T

A pinon, 8 ins.diam.,bears N.61°W., 134 lks. dist.,marked T 39 S R 13 W S 10 B T

Chains		anlad
	From this cor., a low saddle in ridge to the north, bears N.26°W., 14 chs. distant; a high, sharp peak, bears N.66°30'W., about 25 chs. distant.	
	Land, rolling and rough, rocky mountains.	
	Soil, rocky and shallow clay loam; 3rd. and 4th. rates.	
	Timber, cedar and pinon.	
	Undergrowth, oak and service berry brush, 3 to 6 ft. high and sagebrush.	

	N.89°43'E., on a random line bet. secs. 11 and 14.	
40.00	Set temp. ¼ sec. cor.	
80.02	Intersect N. and S. line 5 lks. S. of the cor. of secs. 11,12,13, and 14.	
	Thence	
	S.89°41'W., on true line bet. secs. 11 and 14.	
	Over rolling bench land through oak and sagebrush undergrowth.	
7.20	Wash, 15 lks. wide, 1 ft. deep, drains S.70°E.	
9.00	Trail, bears N. and S.	
16.50	Leave bench and enter rough mountainous land, bears N. and S.; ascend general E. exposure entering timber.	
36.00	Spur, 475 ft. above sec. cor., projects NE.; descend abruptly.	
40.01	In small draw, 200 ft. below spur, drains NE.	
	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground to solid rock and surrounded by a large mound of stone to top between two granite boulders for ¼ sec. cor., with brass cap marked	

¼ S11 / S14 1930

from which

A pinon, 6 ins. diam., bears S.84°45'W., 193 lks. dist., marked ¼ S 14 B T

Subdivision of T.39 S., R.13 W.

Chains	
	A pinon, 8 ins.diam., bears N.23½°W., 108 lks. dist., marked ¼ S 11 B T
	Ascend broken E. and NE. slopes 500 ft. to
59.00	Spur, projects N. and comes from peak S.10°W.; thence along general N. slope.
62.70	Depression on N. slope, drains N.
68.90	Top of ridge on N. slope of high peak, 150 ft. above spur, bears N. about 5 chs. to saddle, then W., and SE.; descend abruptly W. slope 485 ft. to
80.02	The cor. of secs. 10,11,14, and 15.
	Land, E. portion of mile rolling bench, remainder rough mountains.
	Soil, shallow brown clay loam and rocky of volcanic and granite formation; 3rd. and 4th. rates.
	Timber, cedar and pinon.
	Undergrowth, sagebrush, oak, service berry brush and native shrubs.

	N.0°01'W., bet. secs. 10 and 11.
	Ascend abruptly SW. slope over rough mountainous land through dense undergrowth 3 to 5 ft. high, and scattering timber.
4.60	Swale, from saddle in ridge about 10 chs. N.80°E., drains SW.; ascend abruptly over S. slope.
15.50	High ridge, 420 ft. above sec. cor., bears in an easterly and westerly direction; descend abruptly over N. slope 255 ft. to
22.20	Draw, drains N.70°E.; ascend S. slope strewn with granite boulders 130 ft.
26.90	Granite spur, projects N.50°E. about 9 chs. to rocky point; descend abruptly over N. slope 500 ft. to
40.00	On N. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S10 | S11

1930

Chains	
	from which
	A pinon, 8 ins.diam.,bears S.45°E., 38 lks. dist.,marked ¼ S 11 B T
	A cedar, 12 ins.diam.,bears S.70°W., 16 lks. dist.,marked ¼ S 10 B T
43.10	Large draw, 60 ft. below ¼ sec. cor., drains N.80°E. about 5 chs., then E.; gradually ascend over rocky E. exposure.
57.00	Top of low rocky spur, projects E.; descend NE. slope 55 ft. to
63.00	Depression on E. slope, drains E.; ascend 415 ft. over rocky slope to
80.00	On saddle in ridge between two rocky points to the NE. and SW.
	Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins in the ground for cor. of secs. 2,3,10, and 11, with brass cap marked

T39S	R13W
S3	S2
S10	S11

1930

from which

A granite outcropping, bears S.53°54'E., 32 lks. dist.,marked +BO about 18 ins. above ground.

Top of ledge bearing N.60°E., marked +BO, bears N.69½°W., 52 lks. distant.

No other accessory available.

Land, rough mountainous; general E. exposure and drainag

Soil, rocky of granite and volcanic formation; 4th.rate.

Timber, cedar and pinon.

Undergrowth,manzanita, service berry, buck and oak brush sagebrush and larb.

N.89°41'E., on a random line bet. secs. 2 and 11

40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line 5 lks. S. of the cor. of secs.

Chains	
	1,2,11, and 12.
	Thence
	S.89°39'W., on true line bet. secs. 2 and 11.
	Gradually descend over rolling bench land through medium growth of timber and undergrowth.
20.40	Trail, bears N. and S.; timber becomes more scattering.
27.00	Draw, 65 ft.below sec. cor., drains N.;leave bench and enter rough mountainous land; ascend abruptly.
39.99	On NE. slope 195 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S2 / S11 1930
	from which
	A cedar, 10 ins.diam.,bears N.22½°E., 23 lks. dist.,marked ¼ S 2 B T
	A cedar, 10 ins.diam.,bears S.32°W., 39 lks. dist.,marked ¼ S 11 B T
	Continue abrupt ascent over NE. and E. slopes.
48.60	Top of ascent on N. slope, 250 ft. above ¼ sec. cor.; gradually descend along N. slope.
59.10	Draw, heads S. about 10 chs. distant at low saddle in ridge and drains N.20°E.; ascend abruptly 450 ft. over E. slope.
70.10	Ridge, bears N.60°W. and S.60°E.; descend steep, rocky SW. slope 180 ft. to
79.98	The cor. of secs. 2,3,10, and 11.
	Land, E. portion of mile rolling bench, remaining portion rough mountainous.
	Soil, rocky and shallow brown clay loam; 3rd. and 4th. rates.
	Timber, cedar and pinon.
	Undergrowth, dense manzanita, service berry, larb, mahogany, sage, and oak brush.

Subdivision of T.39 S., R.13 W.

Chains	
	N.0°01'W., on true line bet. secs. 2 and 3.
	Descend over W. and NW. slopes of ridge through scattering timber and medium dense growth of brush.
28.90	Base of descent, 540 ft. below sec. cor., bears NE. and SW.; thence over rolling bottom lands carrying drainage of Sawyer Canyon.
31.70	Wash, 30 lks. wide, 2 ft. deep, drains N.20°E.
39.50	Point for ¼ sec. cor. will fall in deep wash where cor. would be washed away; therefore, at this point,
	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground to solid rock and surrounded by a large mound of stone to top for witness ¼ sec. cor., with brass cap marked
	W C ¼ S3 | S2 1930
	from which
	A cedar, 10 ins.diam., bears N.37½°E., 11 lks. dist., marked W C ¼ S 2 B T
	A pinon, 4 ins.diam., bears S.67°W., 47 lks. dist., marked W C ¼ S 3 B T
40.00	Wash, 50 lks. wide, 6 ft. deep, drains NE.; point for ¼ sec. cor. in wash. Continue over bottom lands of Sawyer Canyon.
65.65	Large draw, drains N.70°E.
72.95	Junction of draws from the NW. and SW., drain E.
77.75	Leave canyon bottom, bears E. and W.; ascend abruptly over S. slope.
90.95	Top of ascent, 415 ft. above canyon, slopes W.; thence along W. slope.
93.77	Intersect N. bdy. of the township.
	Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for closing cor. of secs. 2 and 3, with brass cap marked

T38SR13W
S34

S3 | S2
T39S | R13W
CC
1930

from which

A pinon, 10 ins.diam.,bears S.18°E., 99 lks. dist.,marked T 39 S R 13 W S 2 C C B T

A cedar, 10 ins.diam.,bears S.50°W., 25 lks. dist.,marked T 39 S R 13 W S 3 C C B T

From this cor., the original cor. of secs. 2,3,34, and 35 on the N. bdy. of the Tp. which is an iron post, 2 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described in the official record, bears East, 0.76 chs. distant.

I destroy marks on the cor. monument and deface bearing trees pertaining to secs. 2 and 3.

Land, mountains and rolling canyon bottom; general drainage NE.

Soil, gravelly, rocky and brown clay loam; 2nd. to 4th. rates.

Timber, cedar and pinon.

Undergrowth, mahogany, oak, manzanita, buck, service berry brush and chaparral; very dense in canyon bottom.

From the cor. of secs. 33 and 34 on the S. bdy. of the Tp. heretofore described

N.0°01'W., bet. secs. 33 and 34.

Descend abruptly N. slope over rough mountainous land through scattering timber and dense undergrowth.

8.10 Bottom of canyon and West Fork of Ask Creek, 15 lks. stream wide, 8 ins.deep, 110 ft. below sec. cor., course S.80°E.; ascend abruptly 340 ft. over steep S. slope.

15.70 High, rocky spur, bears S.80°E. about 5 chs. to end, and W. about 3 chs., then N.; descend steep N.slope.

18.60 Base of descent and depression on E. slope, 70 ft. below spur, drains E.; ascend along broken E. slope.

Chains	
32.50	Head of rocky draw, drains S.20°E.; ascend abruptly.
36.40	Top of high point on ridge, 210 ft. above base of deep bears E. and W.; descend steep N. slope 110 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in the ground for ¼ sec. cor., with brass cap marked

¼
S33 | S34
1930

from which

A pinon, 6 ins.diam., bears N.87°E., 41 lks. dist., marked ¼ S 34 B T

A yellow pine, 10 ins.diam., bears S.85°W., 65 lks.dist., marked ¼ S 33 B T

Continue steep descent over N. slope.

44.10	Bottom of a deep canyon, 150 ft. below ¼ sec. cor., drains E.; ascend steep S. and SW. slopes.
51.10	Thence along general W. slope continuing ascent.
64.40	Spur, 310 ft. above canyon, projects SE.; descend NE. slope 220 ft.
74.10	Gulch, drains S.20°E.; ascend abruptly.
80.00	On steep rocky SW. slope 135 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 27,28,33, and 34, with brass cap marked

T39S | R13W
S28 | S27
S33 | S34
1930

from which

A pinon, 8 ins.diam., bears S.65°45'E., 76 lks. dist., marked T 39 S R 13 W S 34 B T

A pinon, 6 ins.diam., bears N.51°E., 61 lks. dist., marked T 39 S R 13 W S 27 B T

A pinon, 10 ins.diam., bears S.46°W., 57 lks. dist., marked T 39 S R 13 W S 33 B T

A pinon, 6 ins.diam., bears N.52½°W., 88 lks. dist., marked T 39 S R 13 W S 28 B T

Subdivision of T.38 S., R.13 W.

Chains	
	Land, rough mountainous; general SE. exposure and drainage.
	Soil, gravelly and rocky of sandtone and granite formation, with some sandy clay loam; 3rd. and 4th.rates.
	Timber, cedar and pinon.
	Undergrowth, oak, manzanita, buck brush, larb, service berry and sagebrush.

	S.89°58'E., on a random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect N. and S. line 9 lks. S. of the cor. of secs. 26,27, 34 and 35.
	Thence
	S.89°58'W., on true line bet. secs. 27 and 34.
	Along broken S. slope over rough mountainous land through scattered timber and dense undergrowth.
4.00	Small draw, drains S.
9.10	High ridge spur, bears N. and S.; descend W. slope.
20.30	Gulch, 225 ft. below spur, drains S.; ascend E. slope.
35.45	Spur, 255 ft. above gulch, projects S.15°E.; descend SW. slope 195 ft. to ¼ sec. cor.
40.01	On steep SW. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground to solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S27 / S34 1930
	from which
	A cedar, 8 ins.diam.,bears N.22½°E., 62½ lks. dist.,marked ¼ S 27 B T
	A pinon, 7 ins.diam.,bears S.2½°E., 25 lks. dist.,marked ¼ S 34 B T
	Continue descent of 55 ft. over SW. slope.
41.10	Head of ravine, drains S.; ascend.

Subdivision of T.32 S., R.13 W.

Chains	
42.65	Spur, projects S.; descend steep W. slope 90 ft. to
44.80	Gulch, drains S.20°W.; ascend steep E. slope 150 ft. to
49.70	Spur, projects S.20°W.; descend abruptly 120 ft. to
52.50	Gulch, drains S.; ascend E. slope 255 ft. to
59.80	Spur, projects SE.; gradually descend.
66.00	Head of gulch, drains SE.; ascend steep E. slope 190 ft
69.00	Spur, projects S. from N.30°E.; descend abruptly over W. slope 350 ft. to
77.50	Gulch, drains S.; ascend abruptly over ledges 85 ft. to
79.00	Sharp rocky spur, projects S. about 5 chs. to end; descend abruptly 55 ft. to
80.02	The cor. of secs. 27,28,33, and 34.
	Land, rough mountainous; general S. exposure and drainage.
	Soil, rocky and sandy clay loam of sandstone formation; 3rd. and 4th. rates.
	Timber, cedar and pinon.
	Undergrowth, oak, service berry, sagebrush, larb, manzanita and buck brush.

	N.0°01'W., bet. secs. 27 and 28.
	Ascend steep SW. slope broken by sandstone outcroppings, through scattering timber and dense undergrowth.
7.50	Spur, 290 ft. above sec. cor., projects S.15°E. and comes from N.20°W.; ascend along general E. slope.
23.00	Thence over nearly S. slope.
25.00	Ridge spur, 700 ft. above sec. cor., projects SW.; continue ascent over SW. slope.
40.00	On SW. slope, 890 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground to solid rock and surrounded by a mound of stone to top for 1 sec. cor., with brass cap marked

Chains

from which

A pinon, 8 ins.diam.,bears S.4°E., 11 lks. dist.,marked ¼ S 27 B T

A cedar, 8 ins.diam.,bears N.19½°W., 31 lks. dist.,marked ¼ S 28 B T

Continue ascent.

46.60 Ridge, 130 ft. above ¼ sec. cor., bears NW. and SE.; timber becomes very scattering and undergrowth dense.

Ascend gradually along general E. slope.

62.20 Top of high point on ridge, 120 ft. above last ridge, bears N.80°E. and S.80°W.; descend 200 ft. to

80.00 On steep, brushy N. slope.

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 21,22,27, and 28, with brass cap marked

T39S	R13W
S21	S22
S28	S27

1930

from which

A pinon, 5 ins.diam.,bears S.80°W., 124 lks. dist.,marked S28 BT.

No other trees suitable for marking are available; raise a mound of stone, 3 ft.base, 2 ft.high, W. of cor.

Land, high, rough mountains; general SE. drainage.

Soil, gravelly and rocky of sandstone and limestone formation with shallow brown sandy clay loam; 2nd. to 4th. rates.

Timber, cedar and pinon.

Undergrowth, oak, sage, service berry, buck brush, larb and manzanita.

N.89°58'E., on a random line bet. secs. 22 and 27.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line 2 lks. S. of the cor. of secs. 22,23,26, and 27.

Chains	
	Thence
	S.89°57'W., on true line bet. secs. 22 and 27.
	Ascend general N. slope over mountainous land through medium growth of timber and undergrowth.
18.50	Low ridge spur, 190 ft. above sec. cor., bears NE. and SW.; descend general W. slope 130 ft. to
24.20	Draw, from the SW. drains N.20°E.; ascend 150 ft. to
32.50	Spur, projects N.80°E.; descend along N. slope.
37.20	Enter small draw, 45 ft. below spur, drains N.70°E.
39.98	In bottom of draw, drains N.70°E.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S22}{S27}$$
1930

from which

A pinon, 12 ins.diam.,bears S.18°W., 11 lks. dist.,marked ¼ S 27 B T

A cedar, 10 ins.diam.,bears N.36¼°W., 15 lks. dist.,marked ¼ S 22 B T

	Ascend E. slope 400 ft. to
51.30	Spur, projects N.20°E.; timber becomes very scattered and undergrowth dense. Descend 60 ft. to
58.00	Draw, drains N.; ascend along general N. exposure .
71.50	Spur, 135 ft. above draw, projects N.; descend 60 ft.
76.20	Small draw, drains N.; ascend 20 ft. to
79.96	The cor. of secs. 21,22,27, and 28.

Land, mountainous; general N. exposure and drainage.

Soil, gravelly, rocky, and sandy clay loam; 2nd. to 4th. rates.

Timber, cedar and pinon; scattered on N. portion and medium dense on E. portion of mile.

Undergrowth, oak, service berry, buck, sagebrush, manzanita and larb.

N.0°01'W., bet. secs. 21 and 22.

Descend steep N. slope over rough mountainous land

Chains	
	through scattering timber and dense tall undergrowth.
14.30	Draw, 430 ft. below sec. cor., drains N.30°E.; ascend 100 ft. along E. slope.
25.30	Point of white shale spur, projects and descends E.; descend 150 ft.
28.65	Bottom of Leap Canyon and stream, 10 lks. wide, 2 ins. deep, course E.; a side canyon joins Leap Canyon about 5 chs. west. Thence across bottom of canyon.
31.00	Trail, bears E. and W.
32.00	Leave canyon, bears E. and W.; ascend brushy and broken S. slope.
39.75	A small draw, drains S.20°E.
40.00	On nearly S. slope, 115 ft. above canyon.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground to solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

¼

S21 | S22

1930

from which

A cedar, 5 ins.diam., bears N.47½°E., 84 lks. dist., marked ¼ S 22 B T

A pinon, 8 ins.diam., bears N.4°45'W., 124 lks. dist., marked ¼ S 21 B T

	Continue ascent.
43.65	Head of small draw, drains S.20°W.; continue ascent.
45.80	Thence along nearly W. slope.
54.50	Draw, 95 ft. above ¼ sec. cor., drains S.30°W.; ascend S. slope 135 ft. to
63.30	Spur, projects S.60°E.; a low saddle bears S.60°E. 1 ch. distant; gradually ascend 60 ft. over rolling E.slope.
74.15	Spur, projects N.85°E.; descend 115 ft. to
80.00	On N. slope in dense tall undergrowth.
	Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone for cor. of secs. 15,16,21, and 22, with brass cap marked

Subdivision of T.39 S., R.13 W.

Chains	
	T39S R13W S16 S15 S21 S22 1930
	Impracticable to build accessories to cor.
	From this cor., a seep spring bears N.39°15'W., 18.00 chs. distant.
	Land, mountainous; drains SE.
	Soil, rocky of limestone and granite formation; 4th.rat
	Timber, scattered cedar and pinon.
	Undergrowth, dense oak, service berry, buck, sage, larb and manzanita brush.
	N.89°57'E., on a random line bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line 18 lks. N. of the cor. of secs 14,15,22, and 23.
	Thence
	N.89°55'W., on true line bet. secs. 15 and 22.
	Over mountainous land through scattered timber and dense undergrowth. Descend W. slope broken by granite outcroppings.
7.30	Head of draw, 60 ft. below sec. cor., drains S.; ascend broken E. slope.
9.20	Trail, bears NE. and SW.
19.50	Ridge spur on steep S. slope, 215 ft. above draw, bears N. and S.; trail bears S. about 3 chs. and a saddle about 5 chs. distant; descend.
24.30	Same trail, bears N.80°W. and S.80°E.;
32.10	Gulch, 255 ft. below ridge, drains S.; a small seep in gulch, bears S. about 5 chs. distant; gradually ascend along broken S. slope.
36.00	Trail, bears N. and S.
36.60	Spur, 55 ft. above gulch, projects S.10°E.; descend abruptly 60 ft.
39.99	On steep W. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in

Chains	
	the ground and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S15 / S22 1930
	from which
	A pinon, 8 ins.diam., bears S.2°E., 25 lks. dist., marked ¼ S 22 B T
	A cedar, 5 ins.diam., bears N.52°W., 31 lks. dist., marked ¼ S 15 B T
	Continue descent over W. slope.
44.80	Canyon, 145 ft. below ¼ sec. cor., drains S. about 8 chs., then S.30°E.; ascend E. slope 230 ft. to
54.00	Ridge spur, bears N. and S.; descend W. slope 240 ft.
61.20	Canyon, drains S. about 10 chs., then SE.; ascend NE. slope.
66.25	Trail, bears NW. and SE.
72.50	Top of ascent, 265 ft. above canyon slopes N.; thence along N. slope.
79.98	The cor. of secs. 15,16,21, and 22.
	Land, mountainous; general SE. exppsure and drainage.
	Soil, rocky and brown clay loam; 3rd. and 4th. rates.
	Timber, cedar and pinon.
	Undergrowth, oak, service berry, buck brush, sagebrush, manzanita and larb.

	N.0°01'W., bet. secs. 15 and 16.
	Descend N. slope over rolling mountainous land through dense tall undergrowth.
3.30	Trail, bears E. and W.
6.40	Canyon, 75 ft. below sec. cor., drains E.; ascend S. slope 120 ft. to
15.60	Low point of spur, slopes E.; ascend E. slope.
30.80	Wide depression on E. slope, drains E.; continue ascent.
40.00	High point on E. slope, 150 ft.above last spur.
	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground to solid rock and surrounded by a mound

Subdivision of T.39 S., R.13 W.

Chains	
	of stone to top for ¼ sec. cor., with brass cap marked
	S16 | S15 1930
	Impracticable to build accessories to cor.
	Continue along E. slope broken by granite outcroppings.
52.80	Draw, drains S.30°E. and comes from N.20°W.; thence over high granite outcroppings.
54.10	Granite spur, or point, breaks off to the E.; descend N. slope.
56.80	Gulch, drains E. about 8 chs. to junction with large draw draining S.; ascend broken SE. slope.
64.80	Small draw, drains SE. and comes from N.20°W.; ascend.
66.60	Granite outcropping or point, projects W.; descend.
71.90	Draw, drains S.20°W.; ascend 65 ft. to
80.00	On granite outcropping facing SE.; mark a cross at exact cor. point, over which,
	Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for cor. of secs. 9,10,15, and 16, with brass cap marked
	T39S | R13W S9 | S10 S16 | S15 1930
	from which
	A pinon, 10 ins.diam.,bears N.87°E., 131 lks. dist.,marked T 39 S R 13 W S 10 B T
	A pinon,limb, 7 ins.diam.,bears S.7°E., 178 lks. dist.,marked T 39 S R 13 W S 15 B T
	Granite outcropping, marked + BO, bears N.40½°W., 11 lks. distant.
	Same outcropping, bears S.59°W., 33 lks. dist., marked + BO
	Land, rolling and broken mountains; general E. exposure and drainage.

Chains	
	Soil, rocky of granite formation; 4th. rate.
	Timber, very scattered cedar and pinon.
	Undergrowth, dense and tall oak, service berry, buck, sagebrush, herb and manzanita.
	S.89°55'E., on a random line bet. secs. 10 and 15.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. and S. line 9 lks. S. of the cor. of secs. 10, 11, 14, and 15.
	Thence
	N.89°59'W., on true line bet. secs. 10 and 15.
	Descend W. slope over mountainous land through a few scattered cedar and pinon and dense tall undergrowth.
6.00	Small draw, near head, 50 ft. below sec. cor., drains S. 40°W. about 10 chs., then S.; ascend SE. slope 150 ft.
25.00	Ridge on S. slope, bears N. about 8 chs. to peak and S.20°W.; descend SW. slope 100 ft. to
40.00	On E. side of wash in bottom of draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and surrounded by a large mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S10 / S15 1930
	Impracticable to build accessory to cor.
40.40	Wash, 30 lks. wide 2 ft. deep, in draw which heads about 8 chs. N. and drains S.; ascend abruptly 430 ft. over steep E. slope.
55.10	Top of high, sharp ridge spur, about 15 chs. S. of peak, bears N. and S.; descend W. slope 555 ft. to
78.70	Base of descent and draw and E. edge of granite outcropping, drains S.; ascend.

Subdivision of T.20 S., R.13 W.

Chains	
80.00	The cor. of secs. 9,10,15, and 16.
	Land, rough mountains.
	Soil, rocky; 4th. rate.
	Timber, a few scattered cedar and pinon.
	Undergrowth, dense and tall oak, service berry, buck, sagebrush, manzanita and larb.
	N.0°01'W., bet. secs. 9 and 10.
	Ascend over high and rough mountainous land through very scattering scrub timber and dense tall undergrowth.
.50	Top of granite outcropping, 20 ft. above sec. cor.; descend.
2.20	Small draw, drains S.20°E., in bottom of large hollow; thence along broken hollow bottom over granite outcroppings.
13.40	Begin ascent over steep S. slope.
36.00	Ridge, 760 ft. above sec. cor., bears N.70°W. and S.80° E.; descend 100 ft. over broken granite outcroppings on E. slope through dense brush.
40.00	On steep E. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S9 | S10

1930

from which

A granite outcropping extending 12 ft. N. and S., 6 ft. E. and W., and 6 ft. high, marked + BO, bears N.31½°W., 129 lks. distant.

A mahogany, 8 ins. diam., bears N.51½°E., 57 lks. dist., marked ¼ S 10 B T

	Continue over granite outcroppings along general E. slope
43.60	Granite outcropping, 10 ft. high, projects E.

Chains	
56.10	Granite spur, 65 ft. above ¼ sec. cor., projects E.; descend broken E. slope across head of draw draining E.
68.00	Spur, 140 ft. below last spur, projects S.70°W. from peak about 10 chs. distant to the east; descend steep N. slope.
78.60	Bottom of large draw and branch of Sawyer Canyon, 485 ft. below spur, drains NE.; ascend.
80.00	On E. slope.

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in the ground for cor. of secs. 3,4,9, and 10, with brass cap marked

T39S	R13W
S4	S3
S9	S10

1930

from which

A granite outcropping extending 12 ft. N. and S., 6 ft. E. and W., and 6 ft. high, marked + BO, bears S.68½°W., 37 lks. distant.

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

Land, high and rough mountains.

Soil, rocky of granite formation; 4th. rate.

Timber, a few scattered cedar and pinon.

Undergrowth, dense and tall oak, service berry, buck brush, larb, manzanita, sagebrush and mahogany.

S.89°59'E., on a random line bet. secs. 3 and 10.

40.00	Set temp. ¼ sec. cor.
80.04	Intersect N. and S. line 5 lks. N. of the cor. of secs. 2,3,10, and 11.

Thence

N.89°57'W., on true line bet. secs. 3 and 10.

Along N. slope over rough mountainous land through scattering timber and dense tall undergrowth.

7.50	Spur, projects N.25°W.; descend steep W. slope 275 ft.to

Chains	
15.20	Draw, drains N.; ascend NE. and N. slopes 125 ft. to
23.10	Top of ascent on N. slope; descend over W. and NW. slopes.
34.90	Bottom of draw and branch of Sawyer Canyon; 235 ft. below top of ascent, drains N.30°E.; thence over rolling bottom land, through dense undergrowth.
40.02	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground to hardpan and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

¼ S3 / S10 1930

from which

A pinon, 8 ins.diam., bears N.68°E., 162 lks. dist., marked ¼ S 3 B T

A mahogany limb, 6 ins.diam., bears S.73½°W., 109 lks.dist., marked ¼ S 10 B T

	Continue across bottom lands.
57.70	Leave bottom lands, bears NW. and SE.; ascend abruptly over E. and NE. slopes.
71.35	Top of ascent on N. slope, 520 ft. above ¼ sec. cor.; descend.
79.00	Draw, 40 ft. below top of ascent, drains NE.; ascend 30 ft. to
80.04	The cor. of secs. 3,4,9, and 10.

Land, mountainous and rolling canyon bottom; general NE. exposure and drainage.

Soil, rocky and shallow brown clay loam; 3rd. and 4th. rates.

Timber, scattering cedar and pinon.

Undergrowth, dense and tall oak, sagebrush, service berry, buck brush, manzanita and larb.

N.0°01'W., bet. secs. 3 and 4.

Subdivision of T.39 S., R.13 W.

Chains	
	Over rolling E. slope of mountainous land, broken by granite outcroppings, through dense and tall under-growth and scattering timber. Descend.
16.00	Rim of canyon, bears E. and W.; descend abruptly over N. slope.
18.40	Bottom of Sawyer Canyon and wash, 50 lks. wide, 2 ft. deep, 290 ft. below sec. cor., drains E.; ascend steep S. slope.
25.00	E. point of rocky spur; ascend along E. slope.
30.70	Depression, drains SE.; ascend SW. slope.
40.00	On steep rocky SW. slope, 400 ft. above canyon.
	Set an iron post, 6 ft. long, 1 in. in dia., 10 ins. in the ground to solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

¼

S4 | S3

1930

from which

A pinon, 10 ins.diam.,bears S.33°E., 89 lks. dist.,marked ¼ S 3 B T

A pinon, 6 ins.diam.,bears S.74½°W., 46 lks. dist.,marked ¼ S 4 B T

	Continue ascent.
44.40	Ridge, 125 ft. above ¼ sec. cor., bears E. about 5 chs., then N.30°E., and N.60°W. about 10 chs., then SW. to high point; thence along a rocky and broken E. slope; a draw parallels line about 4 chs. E.
64.40	Slope changes to NE.
69.15	Draw, 365 ft. below ridge, drains NW.; descend along broken W. slope 300 ft. to
93.80	True point for the closing cor. of secs. 3 and 4 will fall on a granite outcropping where cor. cannot be perpetuated; therefore, at this point,

Chains	
	Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. the ground for witness closing cor. of secs. 3 and 4 on the N. bdy. of the Tp., with brass cap marked

T38S R13W
S34
W C

S4 | S3
T39S | R13W

CC
1930

from which

A granite outcropping 2 chs. long facing W. and 20 ft. high, marked + BO, bears S.18°45'E., 24 lks. distant.

A pinon, 10 ins. diam., bears N.89°55'W., 80 lks dist., marked T 39 S R 13 W S 4 W C C C B T

93.84	Intersect N. bdy. of the Tp.; this point falls on a large granite outcropping where I mark a cross 12 ins. in diam. for true point for the closing cor. of secs. 3 and 4.

From this cor. point, the cor. of secs. 33 and 34, T.38 S., R.13 W., which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the official record, bears West, 0.86 chs. distant.

The cor. of secs. 3 and 4 on the N. bdy. of T.39 S., R.13 W., which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the official record, bears East, 0.76 chs. distant.

I deface the markings on this cor. monument and remark same for angle point as follows:

A P
T39S R13W

1918

I also remark the bearing tree to read, T 39 S R 13 W A P B T

Land, mountainous.

Subdivision of T.39 S., R.13 W.

Chains

Soil, rocky and shallow brown clay loam of granite formation; 3rd. and 4th. rates.

Timber, scattering cedar and pinon.

Undergrowth, dense and tall oak, service berry, buck, sagebrush, mahogany, manzanita and larb.

From the cor. of secs. 32 and 33 on the S. bdy. of the Tp. heretofore described.

N.0°02'W., bet. secs. 32 and 33.

Over rough and broken mountainous land of sandstone formation, through scattering timber and dense undergrowth. Ascend steep SW. and W. slopes 315 ft. to

19.00 Top of steep ascent on edge of ridge, bears N.20°W. and S.15°E.; gradually ascend 100 ft. over rolling top of ridge through loose sand and across sandstone outcroppings.

22.00 Road, bears N.20°W. and S.20°E.

32.25 Top of ascent on N. edge of ridge, bears S.80°E. and W. for about 1½ chs. to narrow neck of ridge, then NW. The line to the north makes several crossings of the West Fork of Ash Creek, which, at this point flows through a box canyon about 100 ft. deep. Being unable to follow line on account of ledges, I offset as follows:

S.89°58'W., 1.70 chs., then on offset line

N.0°02'W., 7.75 chs.; descending abruptly over N.slope 390 ft. to bottom of canyon; thence

N.89°58'E., 1.70 chs. to true line at

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in crevice of rock and supported by a mound of stone for ¼ sec. cor., with brass cap marked

¼

S32 | S33

1930

Deposit a sandstone, 8x6x4 ins., marked with a cross at base of monument.

Chains	
	Cor. stands on abrupt ledgy SW. face of box canyon wall and 50 lks. north of West Fork of Ash Creek which flows E.
	Being unable to run on true line from this point, I return to my point on offset line, S.89°58'W., 1.70 chs. distant from the ¼ sec. cor., and continue N.0°02'W., on offset line counting distances from sec. cor. on S. bdy. of the Tp.
	At 45.15 chs. vertical rim, 110 ft. high on W. side of Ash Creek, bears N.10°E. and S.10°W.
	At 62.00 chs. same rim bears W. and SE.
	At 64.80 chs. West Fork of Ash Creek, stream 15 lks. wide, 1 ft. deep, in box canyon, course SE about 2 chs., then S.; ascend over nearly barren white sandstone through scattered yellow pine timber, 285 ft.
	At 80.00 chs., offset N.89°58'E., 1.70 chs. to true line at
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of stone to top for cor. of secs. 28, 29, 32, and 33 with brass cap marked

T39S	R13W
S29	S28
S32	S33

1930

from which

A yellow pine, 8 ins. diam., bears N.61½°E., 48 lks. dist., marked T 39 S R 13 W S 28 B T

A cedar, 8 ins. diam., bears S.67°E., 30 lks. dist., marked T 39 S R 13 W S 33 B T

A yellow pine, 10 ins. diam., bears S.70°W., 66 lks. dist., marked T 39 S R 13 W S 32 B T

A yellow pine, 10 ins. diam., bears N.34°W., 12 lks. dist., marked T 39 S R 13 W S 29 B T

Land, rough, broken mountains.

Soil, shallow loose sand and rocky of sandstone formation; 4th. rate.

Timber, cedar, pinon, and scattered yellow pine.

Undergrowth, oak, manzanita, service berry, sagebrush and cactus.

Chains	
	S.89°55'E., on a random line bet. secs. 28 and 33.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect the cor. of secs. 27,28,33, and 34.
	Thence
	N.89°55'W., on true line bet. secs. 28 and 33.
	Descend SW. slope over rough mountainous land through medium growth of timber and dense undergrowth.
1.30	Draw, 30 ft. below sec. cor., drains S.20°E.; ascend steep E. slope 215 ft. to
7.95	Red spur, projects S. about 1 ch., then S.60°E.; descend SW. slope 165 ft. to
12.65	Draw, drains S.20°E.; ascend E. slope 225 ft. to
22.50	Spur, projects S.; descend W. slope 20 ft.
27.80	Draw, drains S.; ascend NE. slope 50 ft. to
38.50	Spur, projects S.10°E.; descend 10 ft. to
40.02	On W. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground to solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S28 / S33 1930
	from which
	A pinon, 6 ins.diam., bears N.73°E., 77 lks. dist., marked ¼ S 28 B T
	A cedar, 14 ins.diam., bears S.15¼°W., 13 lks. dist., marked ¼ S 33 B T
	Continue descent over W. slope 200 ft. to
52.35	Canyon, drains S.35°E.; ascend abruptly over E. slope 220 ft. to
57.50	Spur, projects N.; descend 60 ft. to
66.20	Base of descent, enter large sandstone outcroppings and scattering yellow pine timber; ascend abruptly 270 ft. to
77.85	White sandstone point on S. slope of ridge spur, bears NW. and SE.; descend 15 ft. to

Chains	
80.04	The cor. of secs. 28,29,32, and 33.
	Land, rough broken mountains; general S. exposure and drainage.
	Soil, rocky, loose sandy and sandy clay loam of sandstone formation 3rd. and 4th. rates.
	Timber, cedar, pinon, and a few scattered yellow pine.
	Undergrowth, oak, manzanita, service berry and sagebru
	N.0°02'W., bet. secs. 28 and 29.
	Ascend abruptly S. slope broken by sandstone outcroppi over rough mountainous land through scattering timber.
2.50	Top of steep ascent on SE. slope of broken sandstone ridge spur, bears NW. and SE.; thence along E. slop
19.85	High ridge spur, 425 ft. above sec. cor., bears N.30°E and S.30°W.; gradually descend along W. slope throu dense yellow pine timber.
32.60	Leave yellow pine timber, bears NE. and W.; thence through scattering cedar and pinon timber and dense undergrowth.
40.00	On rolling W. slope, 135 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S29 | S28

1930

from which

A yellow pine, 4 ins.diam.,bears N.58¼°E., 112 lks.dist.,marked ¼ S 28 B T

A cedar limb, 8 ins.diam.,bears S.47¼°W., 76½ lks.dist.,marked ¼ S 29 B T

	Continue over W. slope.
51.90	Draw, 40 ft. below ¼ sec. cor., drains W.; gradually ascend along W. exposure 100 ft. to
61.90	Top of ascent on W. slope; descend 80 ft. to
80.00	On W. slope at E. side of bottom of draw draining SW.

Subdivision of T.39 S., R.13 W.

Chains

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground to solid rock and surrounded by a mound of stone to top for cor. of secs. 20,21,28, and 29, with brass cap marked

T39S S20	R13W S21
S29	S28

1930

from which

A cedar, 3 ins.diam., bears N.55°E., 36 lks. dist.,marked S21 BT

A pinon, 8 ins.diam.,bears S.29½°E., 98 lks. dist.,marked T 39 S R 13 W S 28 B T

A cedar, 8 ins.diam.,bears S.71°W., 224 lks. dist.,marked T 39 S R 13 W S 29 B T

A pinon, 10 ins.diam.,bears N.72°45'W., 221 lks. dist.,marked T 39 S R 13 W S 20 B T

Land, rough mountains.

Soil, rocky of sandstone and limestone formation;4th. rate.

Timber, yellow pine, cedar and pinon.

Undergrowth, oak, sage, service berry brush, manzanita and larb.

S.89°55'E., on a random line bet. secs. 21 and 28.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line 2 lks. N. of the cor. of secs. 21,22,27, and 28.

Thence

N.89°54'W., on true line bet. secs. 21 and 28.

Along N. slope over rough mountainous land through dense undergrowth and very scattering timber.

3.50 Top of high point on N. slope ; continue over general N. exposure.

21.50 Top of ascent on N. slope, 185 ft. above sec. cor., bears N.30°W. and S.30°E.; descend NW. slope 265 ft.

Chains	
40.00	On NW. slope.
	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. i the ground for ¼ sec. cor., with brass cap marked
	¼ S21 / S28 1930
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor
42.30	Base of descent, 25 ft. below ¼ sec. cor., bears NE. and SW.; thence over broken ground across small basins caused by slipping of mountain to the N.
50.90	Center of large basin or sink, bears N. 2 chs. distant this sink is used for a salt bed for range stock.
59.10	Center of small basin 1 ch. in diameter; begin ascent of 115 ft. over NE. and E. slopes.
68.60	Ridge spur, bears N. and S.; low saddle bears N. about 1 ch. distant; descend abruptly over W. slope 200 ft through very dense undergrowth.
80.00	The cor. of secs. 20, 21, 28, and 29.
	Land, high rough mountains; general N. exposure.
	Soil, rocky and brown clay loam; 3rd. and 4th. rates.
	Timber, a few scattered cedar, pinon, and yellow pine.
	Undergrowth, dense tall oak, with scatter ing service berry brush and manzanita.
	N.0°02'W., bet. secs. 20 and 21.
	Over rough mountainous land through scattering timber and dense undergrowth.
.20	Small draw, drains S.30°W.; ascend SE. slope 155 ft. to
7.40	Spur, projects SW.; descend along W. slope.
16.65	Point on W. slope of ridge spur, bears NW. and SE.; a saddle bears NW. 1 ch. distant; descend.
21.80	Small draw, drains N.30°E.; descend along general E. slope.
38.90	Gulch, 165 ft. below spur at 7.40 chs., drains N.80°E.;

Subdivision of T.39 S., R.13 W.

Chains	
	ascend.
40.00	On top of low, sharp spur, projects E.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

¼

S20 | S21

1930

from which

A cedar, 10 ins.diam.,bears N.38½°E., 35 lks. dist.,marked ¼ S 21 B T

A cedar limb, 6 ins.diam.,bears N.55°W., 12 lks. dist.,marked ¼ S 20 B T

40.30	Descend over N. slope.
46.80	Bottom of Coal Hollow, 175 ft. below spur, drains SE. about 5 chs., then E.; ascend steep S. and SW. slopes 430 ft.
75.50	Ridge and divide bet. Coal Hollow and Leap Canyon, bears N.25°W. and SE.; thence over flat top of ridge.
80.00	On gentle N. slope.
	Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground to solid rock and surrounded by a mound of stone to top for cor. of secs. 16,17,20, and 21, with brass cap marked

T39S	R13W
S17	S16
S20	S21

1930

from which

A cedar, 7 ins.diam.,bears N.63°45'E., 100 lks. dist.,marked T 39 S R 13 W S 16 B T

A cedar limb, 6 ins.diam.,bears S.63½°E., 167 lks.dist.,marked T 39 S R 13 W S 21 B T

A cedar limb, 8 ins.diam.,bears N.36¼°W., 58 lks.dist., marked S17 BT

No other accessory available.

Land, high and rough mountains.

Soil, rocky and brown clay loam; 3rd. and 4th. rates.

Subdivision of T.32 S., R.13 W.

Chains	
	Timber, scattered cedar and pinon.
	Undergrowth, dense oak, service berry, buck, mansanita and sagebrush.
	S.89°54'E., on a random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect N. and S. line 7 lks. S. of the cor. of secs 15,16,21, and 22.
	Thence
	N.89°57'W., on true line bet. secs. 16 and 21.
	Ascend along N. slope over rough mountainous land through scattered timber and dense undergrowth.
17.60	High ridge spur, 230 ft. above sec. cor., bears N.40°W and S.40°E.; descend 115 ft. to
25.65	Low spur, projects S.60°W.; descend 125 ft. to canyon.
32.15	Trail, bears N. and S. on E. side of bottom of Leap Canyon.
33.65	Stream, 10 lks. wide, 5 ins. deep, good water, in bottom of Leap Canyon, course S.20°E.; ascend 70 ft. to
39.93	On E. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground to solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

¼ S16 / S21 1930

from which

A cedar, 5 ins.diam., bears N.86¼°W., 139 lks. dist., marked ¼ S 16 B T

A yellow pine, 12 ins.diam., bears S.78°E., 681 lks.dist., marked ¼ S 21 B T ; this bearing tree is alongside the trail on east side of bottom of Leap Canyon.

From ¼ sec. cor., corral bears N.39°30'E., about 10 chs. dist.: this corral is about 1 ch. in diameter and is on the N. side of Leap Canyon at junction of trails bearing NE. and SW. and SE. down Leap Canyon.

Chains	
	Continue ascent over E. slope entering heavier timber.
45.25	Trail bears N. about 1 ch. distant.
64.35	Trail, bears NE. and SW.
77.45	Same trail, bears NW. and SE.
79.86	The cor. of secs. 16,17,20, and 21, 460 ft. above ¼ sec. cor.
	Land, mountainous.
	Soil, rocky and brown clay loam; 2nd. to 4th. rates.
	Timber, cedar and pinon with a few scattered yellow pine.
	Undergrowth, dense and tall oak, service berry, buck brush, manzanita, and larb.

N.0°02'W., bet. secs. 16 and 17.

Along rolling E. slope over high mountainous land through scattered timber and dense, tall undergrowth.

1.10	Trail, bears E. and W.
6.50	Head of small draw, drains E.
14.40	Ridge spur, 55 ft. above sec. cor., projects E.; timber becomes very scattered and undergrowth very dense.
19.60	Head of small draw, 35 ft. below spur, drains E.; gradually ascend 35 ft.
23.50	Low spur, projects E.; gradually descend 40 ft.
27.80	Small draw, drains E.; ascend 35 ft.
40.00	In small depression on E. slope.

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

¼

S17 | S16

1930

from which

Granite boulder in place, 3½x3x1½ ft. showing, marked + BO, bears N.47°E., 20 lks. dist.

The cross on the above boulder is 14 ins. in diameter; no other accessory available.

Chains	
44.10	Slope changes from E. to N.; descend abruptly into ca
61.70	Bottom of Leap Canyon and stream, 10 lks. wide, 8 ins. deep, good water, 280 ft. below ¼ sec. cor.; cours S.60°E.; ascend SW. slope through dense undergrowt
62.30	Trail, bears N.60°W. and S.60°E.
68.40	Slope changes to nearly S.
80.00	On W. slope of high spur projecting S.80°W., 405 ft. above canyon.
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 in in the ground for cor. of secs. 8,9,16, and 17, wit brass cap marked

T39S	R13W
S8	S9
S17	S16

1930

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

Land, mountainous.

Soil, rocky and brown clay loam; 2nd. to 4th. rates.

Timber, cedar and pinon; very scattering on N. half mil

Undergrowth, dense and tall oak, service berry, buck, sagebrush, manzanita and larb.

S.89°57'E., on a random line bet. secs. 9 and 16.

40.00	Set temp. ¼ sec. cor.
79.84	Intersect N. and S. line 2 lks. N. of the cor. of secs 9,10,15, and 16.

Thence

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

Over rough mountainous land through scattered timber and dense undergrowth. Descend over granite outcroppings 50 ft. to

2.95	Small draw, drains S.; ascend E. slope 300 ft. to
25.85	Ridge spur, projects S. and comes from high ridge to the N.; gradually descend.
33.25	Draw, heads about 10 chs. N. and drains S.30°E.; ascend.
34.85	Low spur, 30 ft. above draw, projects S.; descend.
37.25	Draw, drains S.; ascend.

Chains	
39.92	On gradual E. slope, 10 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and supported by a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S9 / S16 1930
	from which
	A pinon, 14 ins.diam.,bears S.77½°W., 98 lks. dist.,marked ¼ S 16 B T
	No other accessory available.
	From this cor., a small seep spring in draw, bears S.30°E., about 10 chs. distant.
	Continue ascent over rolling E. slope.
49.85	Ridge spur, 50 ft. above ¼ sec. cor., bears N. and S.; descend over W. slope 280 ft. to
62.95	Brush Creek, in canyon, 5 lks. wide, 3 ins. deep, course S.; ascend E. slope 320 ft. to
78.20	Spur, projects S.10°E.; descend 20 ft. to
79.84	The cor. of secs. 8,9,16, and 17.
	Land, mountainous; general S. exposure and drainage from high mountain ridge to the N.
	Soil, rocky and brown clay loam; 3rd. and 4th. rates.
	Timber, scattered cedar and pinon.
	Undergrowth, oak, sage, service berry, buck brush and manzanita.
	N.0°02'W., bet. secs. 8 and 9.
	Ascend along W. slope over rough mountainous land through dense, tall undergrowth.
6.80	High ridge spur, 60 ft. above sec. cor., bears N.30°W. and SE.; descend NE. slope 125 ft. to
27.40	Wash, 30 lks. wide, 2 ft. deep, in draw, heads about 5 chs. W. and drains SE.; ascend abruptly over sandstone and limestone outcroppings.

Subdivision of T.39 S., R.13 W.

Chains	
40.00	On spur projecting E., 445 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 22 ins. i the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S8 | S9 1930
	from which
	A granite boulder, 6x4x2 ft showing, marked + BO on top, bears S.19°W., 38 lks. distant
	No other accessory available.
	Thence ascend along broken E. slope over outcroppings.
64.60	E. face of large granite outcropping.
75.10	Head of small draw, drains SE.; ascend SW. slope leavi outcroppings.
80.00	On SW. slope. 285 ft. above ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. i the ground to solid rock and surrounded by a large mound of stone to top for cor. of secs. 4,5,8, and 9, with brass cap marked
	T39S | R13W S5 | S4 S8 | S9 1930
	Impracticable to build accessory to cor.
	Land, high mountains; general E. exposure and SE. drain age.
	Soil, rocky and brown loam; 3rd. and 4th. rates; sand-stone, limestone and granite formation.
	Timber, a few scattered cedar and pinon.
	Undergrowth, dense and tall oak, buck, service berry, sagebrush, mahogany, manzanita and larb.

Subdivision of T.39 S., R.13 W.

Chains	
	S.89°56'E., on a random line bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect N. and S. line 5 lks. N. of the cor. of secs. 3,4,9, and 10.
	Thence
	N.89°54'W., on true line bet. secs. 4 and 9.
	Ascend broken E. slope over rough mountainous land through dense tall undergrowth.
12.50	Spur, projects N.60°E.; thence along general N. slope.
36.00	Top of ascent and granite outcropping on N. slope, 815 ft. above sec. cor., slopes N.; descend 45 ft. to
39.90	Head of Sawyer Canyon, drains N.20°E.
39.93	Point for ¼ sec. cor. falls in canyon and on unsafe ground where it is impracticable to establish cor. No cor. set.
	Ascend abruptly over steep E. slope.
40.20	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and supported by a mound of stone to top for witness ¼ sec. cor., with brass cap marked

¼ S4 / S9 1930 WC

from which

A balsam, 12 ins. diam., bears N.86°E., 127 lks. dist., marked W C ¼ S 4 B T

A balsam, 16 ins. diam., bears S.27½°E., 33 lks. dist., marked W C ¼ S 9 B T

45.10	Slope changes to NE.; continue ascent.
51.20	High ridge divide between drainage of Leap and Sawyer Canyons, 465 ft. above ¼ sec. cor., bears N.41¼°W. to high peak and S.40°E.; thence along rugged S. slope.
69.35	Head of Brush Creek Canyon, drains S.; gradually ascend.
78.00	Small spur, projects S.; descend.
79.86	The cor. of secs. 4,5,8, and 9, 335 ft. below ridge.
	Land, high, rough mountains; general NE. and S. exposure

Chains	
	and drainage from high ridge.
	Soil, rocky and brown clay loam; 3rd. and 4th. gates.
	Timber, a few balsam fir on sheltered slopes and very scattered cedar and pinon.
	Undergrowth, dense and tall oak, service berry, larb, mahogany and sagebrush.
	N.0°02'W. on true line bet. secs. 4 and 5.
	Ascend SW. slope over high rough mountain through dense tall undergrowth.
5.50	Spur, projects S.80°W.; ascend over S. slope.
10.80	Top of sharp pointed granite outcropping about 10 ft. high.
15.60	Top of steep ascent, bears E. and W.; ascend more gradually.
22.00	Saddle in ridge, 675 ft. above sec. cor., bears S.57°E. to peak about 20 chs. distant and ascends abruptly NW. to peak about 5 chs. distant; gradually ascend along abrupt E. slope entering scattering timber.
28.60	Spur from peak, projects N.80°E.
29.90	High point on E. slope; descend.
40.00	On steep E. slope, 135 ft. below spur and in a granite outcropping.

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

¼
S5 | S4
1930

from which

A granite outcropping extending 10 ft. N. and S., 5 ft. E. and W., and 30 ft. high, marked + BO on top, bears N.89°E., 32 lks. distant.

A pinon, 8 ins. diam., bears S.60°W., 25 lks. dist., marked ¼ S 5 B 7

44.20	Head of draw, 100 ft. below ¼ sec. cor., drains N.; ascend steep SE. slope.
50.60	Slope changes to E.; enter dense mahogany.

Subdivision of T.39 S.,R.13 W.

Chains	
68.65	Top of high, sharp peak on spur, 440 ft. above draw, projects E.;descend steep N. slope entering balsam fir timber.
71.10	Slope changes to nearly E.
73.20	Small draw, drains N.80°E., 260 ft. below spur; ascend.
80.30	E. slope of spur, 115 ft. above draw, projects E.; descend steep NE. slope.
88.40	Slope changes to N.; small spur, projects NE.
93.59	Intersect N. bdy. of the Tp.

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in the ground for closing cor. of secs. 4 and 5, with brass cap marked

T38SR13W
S32

S5 | S4
T39S | R13W

CC
1930

from which

A balsam fir, 10 ins.diam.,bears S.69½°E., 12 lks.dist.,marked T 39 S R 13 W S 4 C C B T

A balsam fir, 8 ins.diam.,bears S.17½°W., 34 lks.dist.,marked T 39 S R 13 W S 5 C C B T

From this cor., the cor. of secs. 4,5,32, and 33 which is an iron post, 2 ins.in dia., firmly set in the ground and mound of stone, and marked and witnessed as described in the official record, bears East, 0.75 chs. distant. I destroy all marks on the corner monument and deface the bearing trees that pertain to secs. 4 and 5.

Cor. stands on steep N. slope, 485 ft. below spur.

Land, high and rough mountains.

Soil, rocky and brown clay loam; 3rd. and 4th.rates.

Timber, dense balsam fir on sheltered slopes and scattered cedar and pinon.

Undergrowth, dense oak, mahogany, larb, manzanita, service berry, buck and sagebrush.

Chains	
	From the cor. of secs. 31 and 32 on the S. bdy. of the Tp. heretofore described.
	N.0°03'W., bet. secs. 31 and 32.
	Descend over mountainous land through very scattered timber and dense undergrowth.
1.10	A small grassy swamp in draw, 25 ft. below sec. cor., course SE.; a small seep spring at base of an 8 ft. limestone ledge facing E., bears west, 50 lks. dist. Ascend 100 ft. to
4.40	Spur, 100 ft. above draw, projects S.70°E. about 10 ch to end; descend 15 ft. to
7.80	Small draw, near head, drains SE.; ascend steep, broke S. slope.
25.75	High ridge spur, 545 ft. above draw, projects E. from a saddle about 8 chs. to the W.; descend 230 ft. ov rolling N. slope entering medium dense cedar and pinon timber.
39.80	Gulch, drains N.80°E.; ascend 5 ft. to
40.00	On SE. slope in dense undergrowth.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. i the ground and surrounded by a mound of stone to to for ¼ sec. cor., with brass cap marked

¼

S31 | S32

1930

from which

A cedar, 10 ins.diam., bears E.9°E., 58 lks. dist., marked ¼ S 32 B T

A pinon, 6 ins.diam., bears N.88°W., 32 lks. dist., marked ¼ S 31 B T

	Continue ascent and leave all but a few widely scattere trees.
59.55	Ridge, 445 ft. above ¼ sec. cor., bears E. about 30 chs then SE., and S.70°W.; large granite boulders along ridge to the E.; descend over N. slope.
70.80	Dim road, bears NW. and SE.

Subdivision of T.39 S., R.13 W.

Chains	
80.00	On NE. slope in dense undergrowth, 365 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in the ground for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T39S	R13W
S30	S29
S31	S32

1930

from which

A yellow pine, 15 ins. diam., bears N.49¼°E., 79 lks. dist., marked T 39 S R 13 W S 29 B T

A yellow pine, 40 ins. diam., bears S.77¼°E., 180 lks. dist., marked T 39 S R 13 W S 32 B T

A granite boulder, 10x5x4 ft. showing, marked + BO on S. face, bears N.43°10'W., 8 lks. distant.

No other accessory available.

Land, mountainous.

Soil, rocky sand sandy clay loam; 3rd. and 4th. rates.

Timber, medium to scattered growth of cedar and pinon and a few yellow pine.

Undergrowth, dense oak, service berry, buck brush, larb, and manzanita.

S.89°59'E., on a random line bet. secs. 29 and 32.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect N. and S. line 2 lks. S. of the cor. of secs. 28, 29, 32, and 33.

Thence

West, on true line bet. secs. 29 and 32.

Descend along broken S. slope over rough mountainous land across broken sandstone outcroppings and through scattering yellow pine timber and dense undergrowth.

4.25 Draw, 110 ft. below sec. cor., drain S.

10.50 Sandstone point, slopes S. to W. Fork of Ash Creek; descend abruptly.

19.30 Bottom of canyon and W. Fork of Ash Creek, stream 15 lks. wide, 1 ft. deep, courseS., 430 ft. below sec. cor.; leave timber and ascend over ledges.

Subdivision of Sec. S. R.13 W.

Chains	
21.20	Top of ledges, bears N.20°W. and S.20°E.; descend over brushy E. slope.
24.85	Road, bears N.30°W. and S.30°E.
27.90	Point of spur, 265 ft. above canyon, projects N.; descend over N. and NW. slope.
39.10	Rim of canyon, bears NE. and SW.; descend NW. slope.
40.02	On NW. slope, 75 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to bedrock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S29 / S32 1930
	from which
	A granite boulder, 6x6x5 ft. showing, marked + BO S29, bears N.40°45'E., 43 lks.distant
	A yellow pine, 30 ins.diam.,bears S.86°W., 456 lks.dist.,marked ¼ S 32 B T
	Continue descent of 85 ft. to
44.70	Bottom of canyon and Harmon Creek, 15 lks. wide, 9 ins deep, course N.10°E.; ascend 70 ft. to
47.00	Rocky point on S. slope, projects S. about 2 chs. to end; descend.
48.90	Enter bottom of Harmon Canyon, 25 ft. below point, bears NW. and SE.; Harmon Creek, 15 lks. wide, 10 ins. deep, course SE.; thence in canyon crossing and recrossing creek
58.65	Same creek, course NE.; leave canyon, bears NE. and SW. ascend over SE. slope 155 ft. to
64.40	Rim of canyon, bears NE. and SW.;gradually ascend over gently rolling bench.
68.40	Road, bears NE. and SW.
71.50	Leave bench, bears NW. and SE.; descend.
75.60	Same road, bears NW. and SE.
78.50	Harmon Creek, 15 lks. wide,10 ins.deep, course S.20°E. for about 5 chs., then S.80°E.; ascend 25 ft. to
80.04	The cor. of secs. 29,30,31, and 32.

Chains	
	Land, mountainous.
	Soil, rocky and brown clay loam; 3rd. and 4th. rate.
	Timber, scattered yellow pine.
	Undergrowth, oak, service berry, manzanita, buck brush, sagebrush and larb.
	N.89°58'W., on a random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
96.46	Intersect W. bdy. of the Tp., 3 lks. N. of the cor. of secs. 25,30,31, and 36 heretofore described.
	Thence
	S.89°59'E., on true line bet. secs. 30 and 31.
	Descend along S. slope over mountainous land through dense, tall undergrowth.
7.65	Draw, 80 ft. below sec. cor., drains N.80°E.; gradually ascend over NW. slope.
36.85	Trail, bears N. and S.
41.75	Top of ascent, bears N. and S.; descend 270 ft. over N. slope to
56.46	In slight depression on N. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in crevice of sandstone outcropping and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S30 / S31 1930
	Deposit a sandstone, 8x5x3 ins. marked with a cross on one face at base of post; also, raise a mound of stone, 3 ft.base, 2 ft.high, N. of cor.
	Continue descent of 375 ft. over rolling N. slope to
96.46	The cor. of secs. 29,30,31, and 32.
	Land, mountainous with a general N. exposure.
	Soil, brown clay loam and rocky of sandstone and granite formation; 3rd. and 4th. rate.
	Timber, a few scattered yellow pine, cedar and pinon.

Subdivision of T.39 S., R.13 W.

Chains

Undergrowth, dense, tall oak, service berry, buck, choke cherry, manzanita, and sagebrush.

N.0°03'W., bet. secs. 29 and 30.

Over mountainous land through dense, tall undergrowth.

1.80 Bottom of Harmon Canyon and creek, 15 lks. wide, 10 in deep, course S.60°E.; dense maple undergrowth in canyon. Ascend steep S. slope 270 ft. to spur.

2.95 Road, bears N.60°W. and S.60°E.

9.75 Ridge spur and divide between Harmon and Mill Canyons bears NW. and S.70°E.; descend NE. slope.

29.70 Depression on NE. slope, 190 ft. below spur; thence along E. slope.

40.00 In depression on E. slope on top of sandstone outcropp 6 ft. high facing E.

Set an iron post, 3 ft. long, 1 in. in dia., 15 ins. in the ground to solid rock and surrounded by a mou of stone to top for ¼ sec. cor., with brass cap marl

¼

S30 | S29

1930

Deposit a sandstone, 10x7x5 ins. marked with a cross on one face at base of post; also, raise a mound of stone, 3 ft.base, 2 ft.high, W. of cor.

41.80 Top of ascent on E. slope, 55 ft. above depression at 29.70 chs.; descend along E. and NE. slopes 85 ft. to

54.10 Bottom of Mill Creek Canyon and stream, 15 lks. wide, 9 ins. deep, course SE.; ascend along rolling W. slope of canyon.

65.75 Draw, drains W.

75.40 Draw, drains W. about 3 chs. to junction with Mill Creek

80.00 On brushy W. slope 190 ft. above creek.

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of stone to top for cor. of secs. 19,20,29, and 30, with brass cap marked

Chains

T39S | R13W
S19 | S20
S30 | S29
1930

from which

A lone cedar, 3 ins.diam.,bears N.47°W., 49 lks. dist.,marked S19 BT

No other trees available; deposit a sandstone, 14x10x6 ins. marked with a cross on one face at base of post.

Land, mountainous; general SE. drainage.

Soil, rocky and brown clay loam; 3rd. and 4th. rates.

Timber, a few scattered yellow pine.

Undergrowth, dense oak, buck, sagebrush,service berry manzanita and larb. Dense,tall maple in canyons.

East, on a random line bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.04 Intersect N. and S. line 5 lks. N. of the cor. of secs. 20,21,28, and 29.

Thence

N.89°58'W., on true line bet. secs. 20 and 29.

Over rough mountainous land through very scattering timber and dense, tall undergrowth.

.15 Small draw, drains SW.; ascend 65 ft. to

3.30 Spur, slopes SW.; descend abruptly 230 ft. to

9.35 Canyon, heads about 15 chs. N., and drains S.; gradually ascend.

7.45 Trail, bears N. and S.; ascend abruptly.

7.50 Timber becomes very scattered, bears N. and S.

0.02 On top of high ridge spur, 605 ft. above canyon, bears N.5°E. and S.10°W.

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

¼ S20
S29
1930.

from which

Chains	
	A cedar, 5 ins.diam.,bears N.65½°E., 73 lks. dist.,marked ¼ S 20 B T
	A cedar, 6 ins.diam.,bears S.30½°E., 77 lks. dist.,marked ¼ S 29 B T
	From this cor., road at gate in fence at SW. cor. of small corral, bears N.82½°W.; SW. cor. of fence bears N.85½°W.
	Descend abruptly over W. slope.
51.95	Draw, drains S.70°W.; ascend along S. slope.
56.75	Low spur, projects S.65°W.; descend W. slope.
68.25	Head of small draw, drains S.70°W.; thence along S.slo
74.35	Begin descent over SW. slope.
80.04	The cor. of secs. 19,20,29, and 30, 515 ft.below ¼ sec cor.
	From this cor., road at gate in fence at SW. cor. of corral, bears N.68½°W.; SW. cor. of fence, bears N.79¼°W.
	Land, high, rough mountains; general S. exposure and drainage.
	Soil, rocky of sandstone and limestone formation;3rd. and 4th. rates.
	Timber, scattered cedar and pinon on E. half mile.
	Undergrowth, dense, tall oak, maple, buck, service berr choke cherry, sagebrush, manzanita and larb.
	N.89°59'W., on a random line bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
96.27	Intersect W. bdy. of the Tp. 8 lks. N. of the cor. of secs. 19,24,25, and 30 heretofore described.
	Thence
	N.89°58'E., on true line bet. secs. 19 and 30.
	Gradually descend over rolling E. slope through dense, tall undergrowth.
5.35	Draw, 120 ft. below sec. cor., drains S.10°E.; ascend.
18.50	Spur, 130 ft. above draw, projects S.; descend over rolling SE. slope.
32.35	Large draw, 215 ft. below spur, heads about 2 chs. N.

Subdivision of T.39 S., R.13 W.

Chains	
	and drains S.; gradually ascend.
35.60	Small draw, drains S., heads at saddle in ridge to the N.
40.25	High ridge spur, 55 ft. above large draw, bears NW. and SE.; a low saddle in ridge, bears NW. about 2 chs. distant; salt lick, No.14 in saddle.; gradually descend 150 ft. to
56.27	On rolling top of spur projecting NE.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S19 / S30 1930
	Raise a mound of stone, 3 ft.base, 2 ft.high, N.of cor.
57.75	Begin steep descent over E. slope, bears NE. and SW.
81.25	Descent becomes more gradual, bears N. and S.
82.60	Road, bears N. and S.
89.50	Bottom of Mill Creek Canyon and stream, 15 lks. wide, 10 ins. deep, 550 ft. below ¼ sec. cor., course S.; ascend 45 ft. to
96.27	The cor. of secs. 19,20,29, and 30.
	Land, high mountains; general E. exposure and drainage.
	Soil, rocky and brown clay loam; 3rd. and 4th. rates.
	Timber, a few scattered yellow pine along Mill Creek and very scattered cedar, pinon, and mahogany on remainder of mile.
	Undergrowth, dense, tall oak, service berry, buck, maple, choke cherry, manzanita, larb, sagebrush and mahogany.
	N.0°03'W., bet. secs. 19 and 20.
	Gradually ascend rolling W. slope over mountainous land through dense, tall undergrowth.
1.50	Depression on W. slope, drains W.
13.85	Trail, bears NE. and SW.

Subdivision of T.39 S., R.13 W.

Chains	
18.65	Four strand barbed wire fence enclosing Forest Servic browse area, bears S.49°W. and N.49°E. about 2 chs to cor.
21.70	Same fence, bears N.39°W. and S.39°E.
28.60	Small gully, drains W.
40.00	On W. slope, 290 ft. above sec. cor. and about 6 chs. E of large draw draining S.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S19 | S20 1930
	Deposit a sandstone, 10x8x3 ins. marked with a cross on one face at base of post. Other accessory impracticable.
	Continue ascent over rolling W. slope about 5 chs. E. of draw draining S.
44.20	Depression on W. slope drains W.
53.70	Depression on W. slope, drains W.
70.00	Draw, drains SW.; ascend rolling S. and SE. slopes 150 ft. to
80.00	On SE. slope, 310 ft. above ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 17,18,19, and 20, with brass cap marked
	T39S | R13W S18 | S17 S19 | S20 1930
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, mountainous; drains S.
	Soil, rocky of sandstone formation with sandy brown clay loam; 3rd. and 4th. rates.
	Timber, a few scattered cedar and pinon on both sides

Chains	
	of line.
	Undergrowth, dense, tall oak, service berry, buck, choke cherry, maple, manzanita, mahogany, larb and sage-brush.
	S.89°58'E., on a random line bet. secs. 17 and 20.
40.00	Set temp. ¼ sec. cor.
80.04	Intersect N. and S. line 2 lks. N. of the cor. of secs. 16,17,20, and 21.
	Thence
	N.89°57'W., on true line bet. secs. 17 and 20.
	Over mountainous land through very scattering timber and dense, tall undergrowth. Along top of ridge to
2.30	Begin descent over W. slope.
4.40	Bottom of Coal Hollow, 235 ft. below sec. cor., drains S.;ascend abruptly 175 ft. to
21.30	Spur, projects S.80°E. about 8 chs. to end.; gradually descend along S. slope.
27.30	Branch of Coal Hollow, 75 ft. below spur, drains SE. about 15 chs. to junction of Coal Hollow from the N., then S.; gradually ascend along N. slope.
28.20	Trail in Coal Hollow, bears NW. and SE.
55.60	Trail, bears N.10°W. and S.10°E.
59.00	Draw, drains NE. about 1 ch. to junction with branch of Coal Hollow, then E.; ascend.
80.02	On E. slope, 160 ft. above Coal Hollow.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S17 / S20 1930
	from which
	A sandstone boulder in place, 4x3x4 ft. showing, marked + BO on E. face, bears S.40°W., 8 lks. distant.
	No other accessory available.

Chains	
46.50	Spur, 160 ft. above ¼ sec. cor., projects S.60°E.; thence along nearly S. slope.
51.50	Draw, drains SE.; ascend E. slope.
70.10	Ridge and divide bet. Mill Creek Canyon and Coal Holl 190 ft. above last spur, bears N.10°W. and S.10°E. a saddle in ridge, bears N. about 5 chs. distant; descend over W. slope; trail, bears N. and S.
75.35	Draw, 120 ft. below ridge, drains S.; ascend 150 ft.
80.04	The cor. of secs. 17,18,19, and 20.
	Land, mountainous.
	Soil, rocky of sandstone formation and brown clay loam 2nd. and 4th. rates.
	Timber, a few scattered cedar, pinon, and mahogany.
	Undergrowth, dense, tall oak, buck brush, service berr sagebrush, larb and manzanita.
	S.89°58'W., on a random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
96.18	Intersect W. bdy. of the Tp. 6 lks. N. of the cor. of secs. 13,18,19, and 24 heretofore described.
	Thence
	N.89°56'E., on true line bet. secs. 18 and 19.
	Gradually ascend over mountainous land through pine and mahogany timber and dense, tall undergrowth.
2.10	Top of ascent, 15 ft. above sec. cor., bears N. and SE.; descend over S. and SE. slopes.
11.00	Depression on S. slope, 80 ft. below top of ascent, drains S.; ascend.
14.00	Spur, covered with dense mahogany timber, projects S.30° E.; descend abruptly over E. slope.
22.00	Base of steep descent, enter bottom lands and dense yellow pine timber, bears NW. and SE.
24.30	Stream, 2 lks. wide, 3 ins. deep, in draw, 160 ft. below spur, course SE.
25.50	Stream, 5 lks. wide, 3 ins. deep, course S.60°E.

Subdivision of T.39 S., R.13 W.

Chains	
35.70	Stream, 8 lks. wide, 3 ins. deep, course S.
42.40	A small seep spring, course S.
43.20	Leave bottom lands, bears N.10°W. and S.10°E.; ascend over W. slope.
44.90	Leave timber and enter dense, tall oak brush, bears N. and S.
48.00	Leave tall oak brush, continue steep ascent through shorter undergrowth and scattered cedar and pinon timber.
55.25	Five strand barbed wire fence enclosing Forest Service browse area, bears N.62½°E. and S.62½°W.
56.18	On SW. slope, 135 ft. above last stream.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S18 / S19 1930
	from which
	A cedar, 6 ins. diam., bears S.82°E., 64 lks. dist., marked ¼ S 19 B T
	A cedar, 8 ins. diam., bears N.74½°W., 71 lks. dist., marked ¼ S 18 B T
	From cor., the cor. of fence bearing S.62½°W. and S.32½°E. enclosing Forest Service browse area, bears N.2½°E., 54 lks. distant; an old corral, bears S.43°W. about ¼ mile distant.
	Gradually ascend.
56.50	Four strand barbed wire fence enclosing Forest Service browse area, bears N.32½°W. and S.32½°E.
66.00	Spur, projects S.
66.20	Old corral, bears S.55°W.; gate in west fence enclosing Forest Service browse area, bears S.32°20'W.
69.90	Head of small draw, drains S.
72.80	Spur, 35 ft. above draw, projects S. about 5 chs., then SE.; descend over rolling S. and SE. slopes.
80.50	Leave timber, bears N. and S.

Chains	
86.20	Head of small draw, 80 ft. below spur, drains S.10°W. about 10 chs. to junction with draw draining SE.; ascend 75 ft. over W. and SW. slopes to
96.18	The cor. of secs. 17,18,19, and 20.
	Land, mountainous.
	Soil, rocky of granite and sandstone formation and brown clay loam; 2nd. to 4th. rates.
	Timber, dense, large yellow pine and scrub mahogany o W. 44.90 chs.; scattered cedar and pinon on east central portion of mile.
	Undergrowth, dense oak, choke cherry, service berry, buck brush, manzanita, sagebrush and larb.
	N.0°03'W., bet. secs. 17 and 18.
	Ascend S. slope over mountainous land through dense an tall undergrowth.
3.80	Point of spur from N.70°W., 35 ft. above sec. cor., bears S.; descend 60 ft. to
8.60	Draw, drains SE. about 8 chs., then nearly S.; ascend abruptly 120 ft. over S. slope.
13.15	Ridge divide bet. Mill Creek Canyon and Coal Hollow, bears NW. to a high point and S50°E.; descend over N. slope, surface strewn with considerable granite boulders.
14.00	Trail, bears E. and W.
17.80	Draw, 35 ft. below ridge, heads about 15 chs. W. and drains S.75°E.; ascend over S. slope.
25.50	Trail, bears NW. SE. about 2 chs. distant, thence S.
29.10	Top of ascent and rise on E. slope, 150 ft. above draw; thence over rolling E. exposure.
29.57	A lone yellow pine, 20 ins. in dia., in a depression draining SE., bears East, 1.75 chs. distant.
35.80	Low flat spur, 270 ft. above sec. cor., projects SE.; thence over rolling E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in

Chains

the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

¼

S18 | S17

1930

from which

A granite outcropping, extending 30 ft.N. and S., 12 ft. E. and W., and 10 ft.high, marked + BO on W.face about 5 ft.above ground and near N. end of outcrop, bears S.71°E., 26 lks. distant.

A granite outcropping, extending N. and S. about 50 ft. and 12 ft. high, marked + BO on E. face about 8 ft.from ground and near N. end of same, bears N.28¼°W., 191 lks. distant.

From ¼ sec. cor., a small spring in head of branch of Coal Hollow, bears N.49°W.

47.60 Bottom of branch of Coal Hollow, 35 ft. below ¼ sec. cor., drains S.20°E. about 5 chs., then SE.; ascend SW. slope 175 ft.

54.75 High sharp spur, bears N.53°W. and S.53°E.; thence along rolling E. slope.

55.00 From this point, spring in head of branch of Coal Hollow, bears N.70°W.

63.20 Depression on E. slope, 105 ft. below spur, drains E.; ascend SE. and E. slopes.

72.10 Small draw, drains E. about 5 chs., then SE.

80.00 On steep E. slope, 165 ft. above depression.

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of stone to top for cor. of secs. 7,8,17, and 18, with brass cap marked

T39S | R13W
S7 | S8

S18 | S17

1930

from which

A yellow pine, 30 ins.diam.,bears N.84°45'E., 479 lks.dist.,marked T 39 S R 13 W S 8 B T

A yellow pine, 20 ins.diam.,bears S.82¼°E., 566 lks.dist.,marked T 39 S R 13 W S 17 B T

Chains	
	No other accessory available.
	Land, mountainous; general E. exposure and drainage.
	Soil, brown clay loam and granite rock; 3rd. and 4th. rate.
	Timber, a few scattered yellow pine.
	Undergrowth, dense oak, buck, service berry, choke cherry, larb, and sagebrush.
	S.89°57'E., on a random line bet. secs. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect the cor. of secs. 8,9,16, and 17.
	Thence
	N.89°57'W., on true line bet. secs. 8 and 17.
	Descend W. slope over rough mountainous land through dense and tall undergrowth.
18.15	Bottom of Leap Canyon and stream, 8 lks. wide, 3 ins. deep, 210 ft. below sec. cor., course NE.; dense, tall maple undergrowth in bottom of canyon. Ascend N. and NE. slopes.
32.15	Old log road or trail, bears N. and S.
38.65	Top of ascent on N. slope, 265 ft. above canyon, bears N. and S.; descend 20 ft. to
40.03	On W. slope.
	Set an iron post, 3 ft. long, 1 in. in dia., 22 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S8 / S17 1930
	from which
	A cedar, 14 ins.diam.,bears S.23½°E., 44 lks. dist.,marked ¼ S 17 B T
	A cedar, 8 ins.diam.,bears N.55½°W., 102 lks. dist.,marked ¼ S 8 B T
	Descend 35 ft. to
41.25	Draw, heads about 3 chs. NW., and drains NE.; ascend

Subdivision of T.39 S., R.13 W.

Chains	
	125 ft. to
51.25	Ridge and divide bet. Leap Canyon and Coal Hollow, bears NW., S.30°E. about 8 chs., then SE.; descend 20 ft. to
55.05	Draw, drains S.30°E.; ascend NE. slope.
74.75	Low saddle in spur, projects SE.; ascend E. slope.
80.06	The cor. of secs. 7,8,17, and 18, 430 ft. above draw.
	Land, mountainous.
	Soil, rocky of limestone and granite formation with brown mountain loam; 2nd. and 4th. rates.
	Timber, a few scattered cedar and pinon and yellow pine.
	Undergrowth, dense oak, service berry, buck, choke cherry, manzanita, larb and sagebrush with dense maple in the canyons.

	S.89°56'W., on a random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
96.09	Intersect W. bdy. of the Tp. at the cor. of secs. 7,12, 13, and 18 heretofore described.
	Thence
	N.89°56'E., on true line bet. secs. 7 and 18.
	Over rough mountainous land through dense mahogany and scattered yellow pine, fir, aspen, cedar and pinon timber and rank growth of underbrush. Descend 100 ft. to
8.10	Bottom of canyon and fork of Mill Creek, 3 lks. wide, 3 ins. deep, course S.15°E.; ascend abruptly over SW. slope through very dense undergrowth.
42.70	High ridge and divide bet. Mill Creek Canyon and Coal Hollow, 1140 ft. above canyon, bears N.10°W. and S.10°E.; descend abruptly over E. slope through dense timber.
56.09	On steep E. slope 440 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of

Chains	
	stone to top for ¼ sec. cor., with brass cap marke
	¼ S7 / S18 1930
	from which
	A yellow pine, 30 ins.diam.,bears N.65°E., 6 dist.,marked ¼ S 7 B T
	A yellow pine, 36 ins.diam.,bears S.24°E.,106 lks.dist.,marked ¼ S 18 B T
	Continue descent over E. and SE. slopes through mediu dense timber and dense undergrowth.
64.60	A large granite boulder, size about 30x20x10 ft. bear N., 30 lks. distant.
68.60	Depression, drains S.40°E.; thence along S. slope; tra bears N. and S.
72.90	Top of ascent on S. slope; leave timber and descend ov rolling S. and SE. slopes to
96.09	The cor. of secs. 7,8,17, and 18, 815 ft. below ¼ sec. cor.
	Land, mountainous; W. 42.70 chs. extremely rugged with general S. exposure and drainage; remainder of mile slopes and drains to the E. from high mountain ridg
	Soil, rocky of granite formation with brown mountain loam; 2nd. to 4th. rates.
	Timber, dense mahogany on west portion of mile ; yello pine, fir, patches of aspen and scattered cedar and pinon on W. 72.90 chs.
	Undergrowth, dense oak, service berry, maple, choke cherry, manzanita, larb,buck and sagebrush.

	N.0°03'W., bet. secs. 7 and 8.
	Ascend along E. slope over mountainous land through dense, tall undergrowth.
4.80	Low rise on E. slope, extends southeasterly; continue ascent.
8.00	Ridge,100 ft. above sec. cor., projects E.; descend

Chains	
	NE. and E. slopes.
30.70	Small stream in draw, 160 ft. below spur, course E.; enter scattering yellow pine timber and dense oak and maple undergrowth 10 to 25 ft. high.
31.00	Trail, bears E. and W.; thence across flat top of spur or bench sloping E.
38.90	Begin abrupt descent over N. slope, bears E. and W.
40.00	On N. slope in tall oak brush, 210 ft. below spur at 8.00 chs. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked ¼ S7 | S8 1930 from which A yellow pine, 36 ins.diam.,bears S.18¼°E., 96 lks.dist.,marked ¼ S 8 B T A yellow pine, 12 ins.diam.,bears N.73¼°W., 42 lks.distant, marked ¼ S 7 B T.
	Continue abrupt descent.
44.95	Bottom of ravine with small seep in same, 140 ft.below ¼ sec. cor., course N.80°E. about 9 chs. to junction with Leap Canyon; ascend SE. slope.
48.90	Top of ascent on E. slope, 85 ft. above ravine; descend.
58.70	Bottom of Leap Canyon and stream, 3 lks. wide, 2 ins. deep, 30 ft. below top of ascent, course SE.; dense large yellow pine timber in canyon. Ascend steep SW. slope.
63.70	Base of palisade ledges facing S., bear E. and W. about 5 chs. to end; ascend over ledges.
65.60	Top of ledges, continue ascent over granite outcroppings.
70.40	Top of a granite spur, 570 ft. above canyon, projects SE., and extends NW. about 8 chs. to an abrupt end; gradually descend.
75.95	Small draw, 30 ft. below spur, drains S.50°E.; ascend

Chains	
	85 ft. to
80.00	On steep S. slope at base of granite outcroppings.
	Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins
	in the ground on solid rock and surrounded by a l
	mound of stone to top for cor. of secs. 5,6,7, an
	with brass cap marked

T39S	R13W
S6	S5
S7	S8

1930

from which

A yellow pine, 18 ins.diam.,bears N.49°E., 3 lks.dist.,marked T 39 S R 13 W S 5 B T

A granite boulder, 6x5x4 ft. showing, marked + BO on W. face, bears S.63½°E., 6 lks.dis

A mahogany limb, 6 ins.diam.,bears N.29½°W., 6 lks. dist.,marked S6 BT

No other accessory available.

Land, mountainous; very rough and broken by high led and granite outcroppings in the N. portion; gener SE. exposure and drainage.

Soil, rocky and brown mountain loam; 2nd. and 4th.ra

Timber, yellow pine, scattered on the slopes and den in canyons; also, scattered mahogany, cedar and p

Undergrowth, dense oak, maple, service berry, choke cherry, larb, manzanita and sagebrush from 5 to 3 ft. high.

S.89°57'E., on a random line bet. secs. 5 and 8.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect N. and S. line 12 lks. N. of the cor. of s 4,5,8, and 9.

Thence

N.89°52'W., on true line bet. secs. 5 and 8.

Descend along S. slope over mountainous land through very scattered timber and dense undergrowth.

3.50 Saddle in ridge spur, bears NE. and SW.; descend over

Chains	
	NW. slope.
16.50	Draw, 230 ft. below sec. cor., drains S.80°W.; ascend.
16.90	Low point, 25 ft. above draw, projects SW. about 1 ch. distant; descend 50 ft. to
18.80	Draw, drains SW.; dense, tall maple undergrowth in draw; ascend 10 ft. to
21.00	Low spur, projects SW.; descend 35 ft. to
23.40	Canyon, drains S.; ascend steep E. slope.
30.20	Rocky spur, 230 ft. above canyon, projects SE. about 8 chs. to end; descend over granite ledge facing SW.
31.30	Base of ledge, 40 ft.high, bears NW. and SE.; continue descent.
37.10	Small draw, 75 ft. below spur, drains S.30°E.; ascend steep E. slope 160 ft. to
40.06	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked
	¼ S5 / S8 1930
	from which
	A mahogany limb, 6 ins.diam.,bears N.72°E., 17 lks. dist., marked ¼ S 5 B T
	No other accessory available.
	Continue ascent over E. slope.
45.30	Spur, 165 ft. above ¼ sec. cor., projects S.; descend rugged S. slope along ledges facing S.
58.00	Draw, 100 ft. below spur, drains SE.; ascend abrupt E. slope 300 ft. to
71.00	Spur, projects SE.; gradually descend along broken S. slope over granite outcroppings to
80.12	The cor. of secs. 5,6,7, and 8.
	Land, high, rough mountains; general S. exposure and drainage.
	Soil, rocky of granite formation and brown mountain loam; 2nd. to 4th. rates.

Chains	
	Timber, dense patches of mahogany and a few scattered yellow pine, cedar and pinon.
	Undergrowth, dense oak, service berry, buck, choke cherry, manzanita, larb and sagebrush with tall ma in the draws and canyons.
	S.89°56'W., on a random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
96.10	Intersect W. bdy. of the Tp. 11 lks. N. of the cor. of secs. 1,6,7, and 12 heretofore described
	Thence
	N.89°52'E., on true line bet. secs. 6 and 7.
	Ascend W. slope over rough mountainous land through fir and scattered aspen timber and medium growth of undergrowth.
3.29	A balsam fir, 12 ins. in diam. which I mark with 3 hacks on E. and W. faces for line tree.
11.20	Top of steep ascent, ascend more gradually.
13.60	Top of high mountain ridge, 340 ft. above sec. cor., bears NE. and S.; descend steep E. slope.
23.00	Slope changes to gentle SE.; continue descent.
26.20	Draw, 290 ft. below ridge, drains NE.; ascend W. slope over granite boulders and through timber.
31.20	Top of granite point on N. slope, 90 ft. above draw; descend over steep E. slope.
39.17	Granite outcropping 50 ft. high on line.
42.90	Draw, 275 ft. below point, drains S.; ascend.
43.40	Trail, bears N. and S.
44.60	Spur from high mountain ridge, projects S.30°E.; descend abruptly 550 ft. over broken E. and NE. slopes to
56.10	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor., with brass cap marked

$\frac{S6}{S7}$
1930

Chains	
	from which
	A balsam fir, 8 ins.diam.,bears N.38°E., 28 lks. dist.,marked ¼ S 6 B T
	A balsam fir, 12 ins.diam.,bears S.18°W., 20 lks. dist.,marked ¼ S 7 B T
	Continue abrupt descent.
71.50	Bottom of Leap Canyon (dry), 745 ft. below ¼ sec. cor., drains SE.; ascend.
77.40	Top of granite spur, projects S.; descend 105 ft. to
36.50	Small draw, drains S.; ascend.
38.00	Low point, projects S. about 50 lks. to end.
39.60	Draw, 45 ft. above last draw, drains S.20°W.; ascend broken SW. and S. slopes 80 ft. to
96.10	The cor. of secs. 5,6,7, and 8.
	Land, high, rough mountains.
	Soil, rocky of granite formation with brown mountain loam; 2nd. to 4th. rates.
	Timber, medium growth of balsam fir and scattered yellow pine, aspen, cedar and pinon and dense patches of mahogany.
	Undergrowth, oak, service, buck, maple, manzanita,choke cherry and sagebrush.
	N.0°03'W., on true line bet. secs. 5 and 6.
	Ascend abruptly rough and rugged general S. slope of mountain through scattered timber and dense under-growth.
34.10	Ridge, 1340 ft. above sec. cor., bears E. and W.; line strikes saddle in ridge about 2 chs. E. of a granite point; ascend along E. slope through small grove of aspen timber.
40.00	On E. slope, 80 ft. above ridge.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of

Chains	
	stone to top for ¼ sec. cor., with brass cap marke
	¼ S6 | S5 1930
	from which
	A balsam fir, 18 ins.diam., bears N.18½°E., 64 lks. dist., marked ¼ S 5 B T
	A balsam fir, 8 ins.diam., bears S.75°45'W., 88 lks. dist., marked ¼ S 6 B T
	From cor., a sharp rocky point on ridge from which a spur projects S., bears S.45°E. about 14 chs.distan
43.30	Top of sharp granite outcropping 50 ft. high and facin E.; descend along E. slope.
50.67	A fir, 10 ins. in diam. which I mark with 3 hacks on N. and S. faces for line tree; enter dense fir timber, bears E. and W. ; begin steep descent.
65.60	Draw, 445 ft. below 43.30 chs. point, drains N.30°W.; ascend along W. slope.
68.10	Trail, bears N.20°W. and S.20°E.
69.60	Leave dense fir timber, enter scattering pine timber, bears NW. and SE.
78.30	Top of ascent on W. slope, 90 ft. above draw; enter dense yellow pine, fir and aspen timber, bears E. and W.; descend NW. slope 85 ft. to
82.20	Draw, drains N.80°W.; ascend along W. slope.
84.90	Trail, bears NW. and SE.
86.70	Low spur, 50 ft. above draw, projects W.; descend NW. slope.
89.80	Trail, bears N.30°W. and S.30°E.
93.43	On NW. slope, 95 ft. below spur; intersect N. bdy. of the Tp.
	Set an iron post, 3 ft. long, 2 ins. in dia., 15 ins. in the ground on solid rock and surrounded by a mound of stone to top for closing cor. of secs. 5 and 6, with brass cap marked

Subdivision of T.39 S.,R.13 W.

Chains

T38S R13W
S31

S6 | S5
T39S | R13W
CC
1930

from which

A balsam fir, 14 ins.diam.,bears S.23¼°E., 103 lks.dist.,marked T 39 S R 13 W S 5 C C B T

A balsam,fir, 16 ins.diam.,bears S.19°W., 59 lks.dist.,marked T 39 S R 13 W S 6 C C B T

From this cor., the cor. of secs. 5,6,31 and 32 on the N. bdy. of the Tp., which is an iron post, 2 ins. in diam., firmly set in the ground and marked and witnessed as described in the official record, bears East, 1.23 chs. distant. I destroy all marks on the cor. monument and deface the bearing trees that pertain to secs. 5 and 6.

Land, high, rough mountains.

Soil, rocky of granite formation and brown mountain loam; 2nd. to 4th. rates.

Timber, fir, yellow pine, mahogany and scattered aspen thickets.

Undergrowth, oak, service berry, buck, mahogany, maple, choke cherry, manzanita, sagebrush and larb.

ESTABLISHMENT OF QUARTER-SECTION CORNERS BETWEEN CLOSING CORNERS ON THE NORTH BOUNDARY, T.39 S.,R.13 W.

The ¼ sec. cor. bet. secs. 1 and 36 on the N. bdy. of the Tp. is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described in the official record. This cor. now refers to sec. 36, T.38 S.,R.13 W. only, therefore I deface marks on the cor. monument and destroy the bearing tree that pertain to sec. 1

Thence

West.

Chains	
.98	An easting of 40.00 chs. from the closing cor. of secs. 1 and 2, T.39 S.,R.13 W.,
	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor. N. bdy. sec. 1, with brass cap marked
	¼ S1 1930
	from which
	A cedar, 8 ins.diam.,bears S.40°45'E., 100 lks. dist.,marked ¼ S 1 B T
	A cedar, 9 ins.diam.,bears S.32½°W., 51 lks. dist.,marked ¼ S 1 B T
	Cor. stands on E. slope, 1 lk. E. of a fence bearing N. and S.
	The ¼ sec. cor. bet. secs. 2 and 35 on the N. bdy. of the Tp. is an iron post, 1 in. in dia., firmly set in the ground and marked and witnessed as described in the official record. This cor. now refers to sec. 35, T.38 S.,R.13 W. only, therefore, I deface marks on the cor. monument and deface the bearing tree pertaining to sec. 2.
	Thence
	West
.87	Mid-point bet. the closing cor. of secs. 1 and 2 and the closing cor. of secs. 2 and 3, T.39 S.,R.13 W.,
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and surrounded by a mound of stone to top for ¼ sec. cor. N. bdy. sec. 2, with brass cap marked
	¼ S2 1930
	from which
	A cedar, 5 ins.diam.,bears S.21°E., 25 lks. dist.,marked ¼ S 2 B T

Chains

A cedar, 5 ins.diam.,bears S.68½°W., 27½ lks. dist.,marked ¼ S 2 B T

Cor. stands on a gentle S. slope.

The ¼ sec. cor. bet. secs. 3 and 34 on the N. bdy. of the Tp. is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described in the official record. This cor. now refers to sec. 34, T.38 S.,R.13 W. only, therefore, I destroy marks on the cor. monument and deface the bearing tree that pertains to sec. 3

Thence

West

.76 Mid-point bet. the closing cor. of secs. 2 and 3 and the closing cor. of secs. 3 and 4, T.39 S.,R.13 W.

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

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¼ S3
1930

from which

A cedar, 10 ins.diam.,bears S.72°E., 67 lks. dist.,marked ¼ S 3 B T

A cedar, 12 ins.diam.,bears S.64½°W., 30 lks. dist.,marked ¼ S 3 B T

Cor. stands on a gradual E. slope.

The ¼ sec. cor. bet. secs. 4 and 33 on the N. bdy. of the Tp. is an iron post, 1 in. in dia., firmly set in the ground and marked and witnessed as described in the official record. This cor. now refers to sec. 33, T.38 S.,R.13 W. only, therefore, I deface marks on cor. monument that pertain to sec. 4.

Thence

West

.75½ Mid-point bet. the closing cor. of secs. 3 and 4 and the closing cor. of secs. 4 and 5.

Chains	
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. N. bdy. sec. 4, with br cap marked ¼ S4 1930 Raise a mound of stone, 2 ft.base, 1½ ft.high, S.of co Cor. stands on a gradual N. slope 1 ch. S. of a draw draining E.
	The ¼ sec. cor. bet. secs. 5 and 32 on the N. bdy. of the Tp. is an iron post, 1 in. in dia., firmly set, and marked and witnessed as described in the offici record. This cor. now refers to sec. 32, T.38 S.,R. W. only; therefore, I deface marks on cor. monument and bearing tree pertaining to sec. 5.
	Thence
	West
.99	Mid-point bet. the closing cor. of secs. 4 and 5 and th closing cor. of secs. 5 and 6, T.39 S.,R.13 W.
	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and surrounded by a mound o stone to top for ¼ sec. cor. N. bdy. sec. 5, with brass cap marked ¼ S5 1930 from which An aspen, 5 ins.diam.,bears South, 6 lks. dist.,marked ¼ S 5 B T A balsam fir, 7 ins.diam.,bears S.80°W., 19 lks. dist., marked ¼ S 5 B T Cor. stands on gradual N. slope in dense young aspen timber.
	The ¼ sec. cor. bet. secs. 6 and 31 on the N. bdy. of th Tp. is an iron post, 1 in. in dia., firmly set in the

ESTABLISHMENT OF QUARTER-SECTION CORNERS BETWEEN CLOSING CORNERS ON THE NORTH BOUNDARY OF T.39 S.,R. 13 W.

Chains

ground and mound of stone, and marked and witnessed as described in the official record. This cor. now refers to sec. 31, T.38 S.,R.13 W. only; therefore, I deface marks on the cor. monument and destroy the bearing tree pertaining to sec. 6.

Thence

West

1.23 Westing of 40.00 chs. from the closing cor. of secs. 5 and 6, T.39 S.,R.13 W.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. N. bdy. sec. 6, with brass cap marked

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¼ S6
1930

from which

A yellow pine, 30 ins.diam.,bears S.27°E., 62 lks. dist.,marked ¼ S 6 B T

An aspen, 7 ins.diam.,bears S.46°W., 99 lks. dist.,marked ¼ S 6 B T

Cor. stands on top of ridge bearing N. and S. in dense timber.

GENERAL DESCRIPTION

With the exception of secs. 1,12,13, E½ sec.23, sec.24, 25,26,35, and 36 this township is all within the Dixie National Forest and contains several varieties of land. The elevation ranges from approximately 4000 ft. in the SE. to 9000 ft. above sea level in the northwest portion of the Tp. The NW. cor. of the Tp is situated on the Pine Valley Mountain, a high and rugged mountain range. From this range a high ridge or spur projects in an easterly direction through secs. 4,5,6,9, and 10, and from this spur the country

descends rapidly to the NE. and SE. While the town-
ship in general may be classified as mountainous,
there are several small benches and areas of roll
land within the same, the most prominent of which
a volcanic bench which extends in a north and sout
direction in the eastern range of sections. The
general exposure and drainage is southeast to Ash
Creek; a small area in the N. and NW. part, howeve
drains north into the same creek.

The soil is chiefly rocky with a shallow clay and bro
mountain loam, and the formation is volcanic in th
eastern portion, sandstone in the southern portion
and granite and limestone in the northern portion.
Except for small areas along Ash Creek, Sawyer Cany
and on the scattered small flats or benches the lan
are best adapted for grazing purposes.

This township, while within the Dixie National Forest,
is also included in a game preserve, and here liter
thousands of deer and many elk feed upon the browse
which flourishes abundantly in the vicinity. This
area has of late also become a mecca for sportsmen
during the fall hunting season.

The township in general is covered with a medium to den
growth of brush including oak, service berry, buck,
sagebrush, manzanita, larb, maple, choke cherry, and
chaparral ranging in height from 3 to 30 ft. Scrub
cedar and pinon is found throughout the eastern and
central portions, while yellow pine, fir, mahogany
and aspen are found on the higher lands in the north-
west portion.

The township is well watered. Mill and Harmon Creeks
form the West Fork of Ash Creek and drain the south-
west portion of the township. The water of these
streams is used to irrigate lands in Pintura, Utah
located in secs. 1 and 2, T.40 S., R.13 W. Leap Creek
flows in a southeasterly direction through the centra

portion of the township. All the water in this creek is diverted into a ditch in the SE¼ sec. 22 and used for irrigation purposes on the land belonging to G. I. Batty in the S½ of sec. 26. A small stream in Sawyer Canyon and heading on the N. bdy. of sec. 2 flows NE. into Ash Creek. Ash Creek flows SE. through sec. 1 and nearly S. through secs. 25 and 36. Taylor's Creek flows in a southerly direction in the NE. portion of sec. 1 . There are also several small springs and seeps in the township, located as follows: a small seep in draw in the NW¼NE¼ sec. 22, a small seep on a S. slope in the SE¼SE¼ and also a small seep spring in the NW¼NE¼ sec. 16, a small seep in the SE¼SE¼ sec. 31, a small spring in the NW¼NE¼ sec. 18, a small spring in the NW¼NE¼ sec. 8, a small seep on line bet. secs. 7 and 8 and a spring in the SW¼ sec. 26.

The only settler living in the township is G.I.Batty who has located in the S½ of sec. 26. His improvements consist of a small frame house, about 20 acres of land under cultivation, fences, and about 1 mile of ditch.

Emil Dostalek, whose dwelling is immediately N. of the N. bdy. of sec. 2, has about 150 acres under fence and approximately half is cleared and under cultivation and located in the NE. part of sec. 2. Mr. Dostalek's entry embraced lands within H.E.S.No.144 which has been cancelled. Cor. No.1 of H.E.S. No.144 bears N.9°46'E., 5.67 chs. distant from the closing cor. of secs. 1 and 2 on the N. bdy. of T.39 S.,R.13 W. All the corners of this Homestead Entry Survey were found and destroyed.

All the corners of Homestead Entry Survey No.145 in this township were found and destroyed. Cor. No.1 of this survey was situated North, 10.45 chs. distant from the cor. of secs. 13,14,23, and 24.

U. S. Highway No.91, a telephone, and a power

transmission line between Cedar City and St. George, Utah, extends through secs. 25 and 26.

A secondary wagon road extends through secs. 26 and 35 to G.I.Batty's ranch. An ungraded wagon road also enters the township on the S. bdy. of sec. 35 and extends in a northwesterly direction to the Forest Service experimental browse area in sec. 19. A Forest Service trail extends from the N. bdy. of sec. 2 in a southwesterly direction through the township to a point immediately S. of the ¼ sec. cor. bet. secs. 31 and 36 on the W. bdy. of the township. There are also several other trails in the township.

There are about 200 acres of land under fence in sec. 19 and used by the Forest Service as an experimental browse area.

The mean magnetic declination in the township is 16½° E.

BOOK A-491

4—680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Stewart Campbell	Chainman
Kenneth Ryser	Chainman
Joe Wilks	Flagman
Charles Boll	Axman
Arlo Beatty	Cornerman

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR

I, Andrew Nelson, U.S.Cadastral Engineer, hereby certify upon honor that, in p

of special instructions received from the District Cadastral Engineer for Utah

bearing date of the 1st day of March, 1923, I have well, faithfully, a

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

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

resurvey of East and West Boundaries and portions of Subdivision

survey of West Boundary and Subdivision, and establishment of ¼

section corners between closing corners on North Boundary of

Township 39 South, Range 13 West

of the Salt Lake

Base and Meridian, in the State of Utah, which are represe

the foregoing field notes as having been executed by me, and under my direction on dates as shown on date diagram and that all the cor

said survey have been established and perpetuated in strict accordance with the Manual of Surveying In

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 no

such survey.

Salt Lake City, Utah April 16,1931. Andrew Nelson
U.S. Cadastral Engineer.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

DENVER, COLORADO JUL 9 - 1931, 19

The foregoing field notes of the survey of Township 39 South, Range 13 We

Salt Lake Base and Mer., Utah

executed by Andrew Nelson, U.S.Cadastral Engineer

under his special instructions dated March 1, 1923, having b

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

they describe, are hereby approved.

Frank M. Johnson
U. S. Supervisor of Surv

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

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

U. S. Supervisor of Surv

U. S. GOVERNMENT PRINTING OFFICE: 1931 6—2764

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Page

4—679

BOOK A-491

RECEIVED
APR 14 1927
District Cadastral Engineer,
Salt Lake City, Utah

FIELD NOTES

OF THE ~~SURVEY OF THE~~

Resurvey of

ortion of First Standard Parallel South through R. 4 W., portion of

ast Boundary, and portion of Subdivision, and

the Survey of

Portion of First Standard Parallel South through R. 4 W., and

portion of Subdivision of

T. 6 S., R. 4 W.,

Of the Salt Lake Base and *Meridian,*

the State of Utah

EXECUTED BY

Ralph Gentry,

the capacity of U. S. ~~Surveyor~~ Cadastral Engineer *, under instructions dated* March 31, 1924~~91~~,
d supplemental instructions dated September 27, 1926,
sued by the United States ~~Surveyor General~~ District Cadastral Engineer, District No. 6 *to govern surveys included in*

roup No. 157 *, which were approved by the Commissioner of the General Land*

ffice, April 14, 1924, and, ~~191~~ October 7, 1926.

ssignment Instructions dated September 27, 1926.

Survey commenced November 2, 1926. *, ~~191~~*

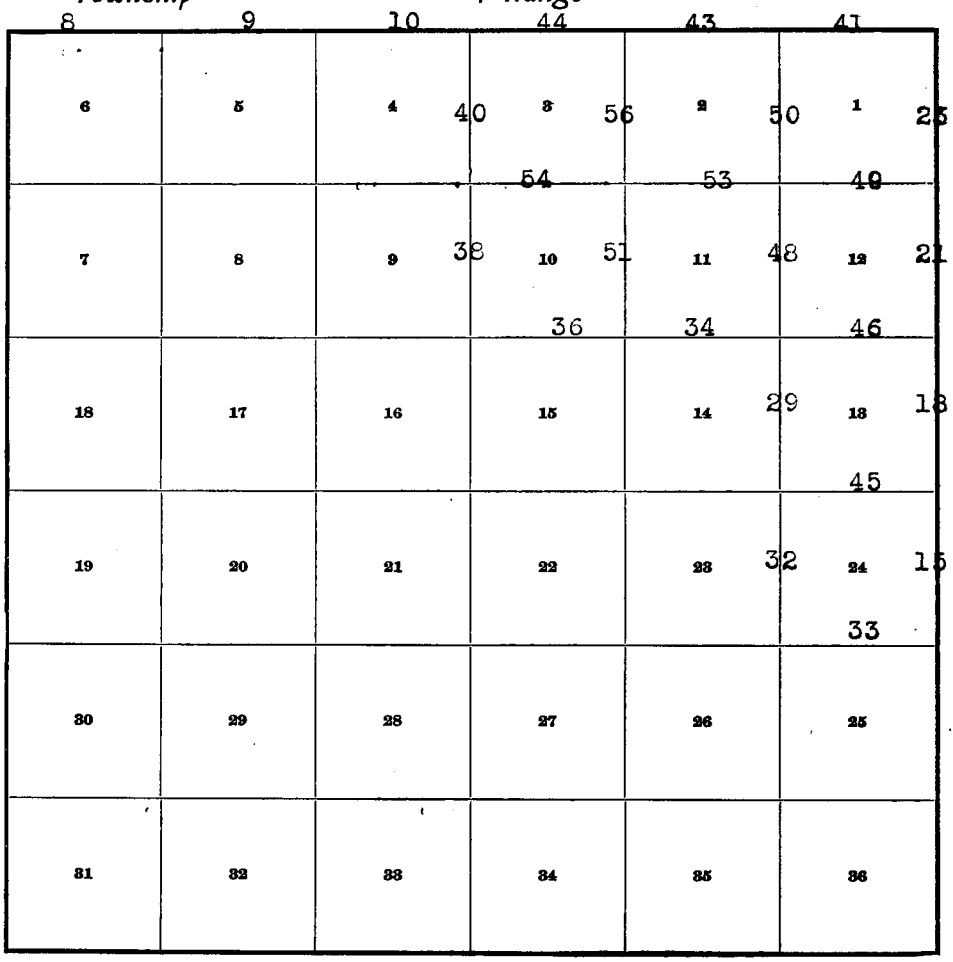
Survey completed November 30, 1926. *, ~~191~~*

6—151

BOOK A-491

INDEX DIAGRAM.

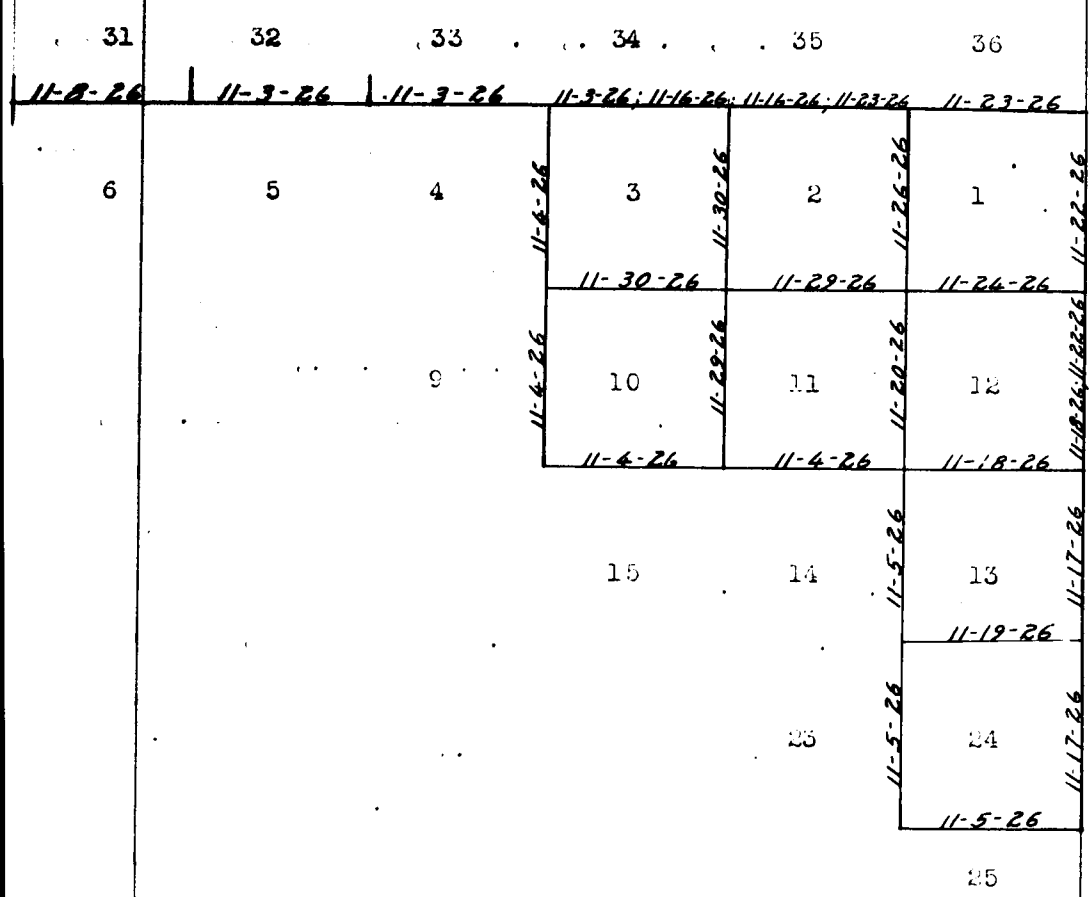
Township 6 South, *Range* 4 West.



6—151

DATE DIAGRAM

T. 6 S., R. 4 W.



Lines of T. 6 S., R. 4 W., S. L. B. & Mer., were surveyed on dates shown on above diagram by Ralph Gentry, U. S. Cadastral Engineer.

DESCRIPTION AND TEST OF INSTRUMENTS, T. 6 S., R. 4 W.

Survey commenced November 2, 1926, and executed with a Buff and Buff solar transit No. 16725; the instrument is equipped with a full vertical circle and Smith solar attachment; all azimuth determinations are accomplished with the solar attachment except the special observations upon Polaris upon which to test the solar apparatus as stated in these field notes. The instrument was approved for use in this survey,

Chains

conditional upon satisfactory field tests, by the District Cadastral Engineer for district No. 6, in assignment instructions dated September 27, 1926.

November 2, 1926, at camp which is situated in the NE ¼ of sec. 5, T. 6 S., R. 4 W., approximate latitude 40° 20' N., longitude 112° 18'W., I examine the adjustments of the instrument and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by observations made on Polaris as follows:

Nov. 2, 1926, at 10h 15m a.m., app. t., I set off 40° 20' on the lat. arc; 14° 39'S. on the decl. arc, and determine a meridian with the solar and find that a tree on ridge about two miles distance, bears N. 3° 10'E.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 14° 40½'S., which agrees with the computed declination of the sun.

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,	34° 59' 30"
Reduced latitude,	40° 20'
Mean watch time of observation	12h 12m 51s
Watch fast of local mean time,	29m 12s

At 3h p.m., app. t., with the lat. arc unchanged, I set off 14° 42'S., on the decl. arc, and determine a meridian with the solar and find that the tree bears N. 3° 10'E.

At 5h 06.2m p.m., l.m.t., I make an hour angle observation on Polaris, east of the meridian, making four observations, two each with the telescope in

Chains

direct and reversed positions, reading the horizontal deflection angle from center of tree in direction E. to W. to Polaris.

Mean watch time of observation	5h 35m 24s p.m.
Mean horizontal angle from tree to Polaris	1° 45' E. to W.
Azimuth of Polaris	1° 25'
True bearing of tree	N.3° 10'E.

The solar apparatus by a.m. and p.m. observations defines positions for meridians that agree with the meridian established by observations made on Polaris, and I conclude that the adjustments of the instrument are satisfactory.

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

Nov. 28, 1926, near the completion of the survey of T. 6 S., R. 4 W., I test the solar apparatus on the true meridian established by observations on Polaris Nov. 2, 1926, as follows:

At 10h a.m., app. t., I set off 40° 20' on the lat. arc; 21° 14'S., on the decl. arc, and determine a meridian with the solar and find that the tree bears N. 3° 10'E.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 21° 15½'S., which agrees with the computed declination of the sun.

At 2h p.m., app. t., with the lat. arc unchanged, I set off 21° 16'S., on the decl. arc and determine a meridian with the solar and find that the tree bears N. 3° 10'E.

MEASUREMENTS

Unless otherwise specified all measurements are made

Chains

with a Lallie steel tape 5 chains in length, compare with a Lufkin standard steel tape 1 chain long and found correct. The measurements are made on the slo the vertical angle determined with a clinometer and the slope measurements are reduced to true horizonta distances.

METHOD AND ORDER OF PROCEDURE.

The W. 3½ miles of N. bdy. of T. 6 S., R. 4 W., or 1st Standard Parallel South through R. 4 W., were retraced and the standard ¼ sec. cor. bet. secs. 5 and 32, which cor. was identified by settlers, was the only cor. found. In order to restore the cors. along N. bdy. T. 6 N., R. 4 W., a retracement was made of the E. 4 miles of 1st Standard Parallel S., through R. 5 W., to standard cor. of secs. 32 and 33, the nearest cor. found, which cor. was identified by settlers. The standard cor. of Ts. 5 and 6 S., Rs. 4 and 5 W., the standard cor. of secs. 31 and 32, and standard ¼ sec. cor. bet. secs. 6 and 31, on N. bdy. of T. 6 S., R. 4 W., was restored by single proportionate measurement and on line connecting the S.C. of secs. 32 and 33, on S. bdy. T. 5 S., R. 5 W., and the standard ¼ sec. cor. bet. secs. 5 and 32, on N. bdy. T. 6 S., R. 4 W. The standard cors. of secs. 4, 5, 32 and 33, 3, 4, 33 and 34, and standard ¼ sec. cor. bet. secs. 4 and 33, N. bdy. T. 6 S., R. 4 W., were restored at the original recorded positions.

The N. 4 miles of the E. bdy. were retraced and all cors. found in place.

The subdivisional sec. lines adjacent to the unsurveyed portion of Tp. were retraced, and the cors. of secs. 3, 4, 9 and 10, and 11, 12, 13 and 14, were the only cors. found. From the temp. points established for cors. of secs. 23, 24, 25 and 26, 10, 11, 14 and 15,

Chains

and 9, 10, 15 and 16, a retracement was made of the meridional secs. lines S. to S. bdy., and of the latitudional secs. lines W. to W. bdy., and no cors. were found.

A retracement was made of the S. and W. bdys., and the only cors. found along these bdys. were on the W. 2 miles of the S. bdy. True points for the sec. cors. along the S. and W. bdys were restored at single proportionate measurement and on line connecting the nearest identified cors or restored cors.

The cors. of secs. 9, 10, 15 and 16, and 23, 24, 25 and 26, were restored by double proportionate method, and the cors. of secs. 10, 11, 14 and 15, and 13, 14, 23 and 24, were restored by three point controls. The missing ¼ sec. cors. on subdivisional sec.. lines adjacent to the unsurveyed areas were restored by single proportionate measurement on lines connecting the adjoining sec. cors.

The subdivisional sec. lines adjacent to the unsurveyed portion of Tp., being defective in alinement and measurement; the E. bdy. of Tp. being within 1 its in alinement and defective in measurement, and there being no protracted areas to be protected, the survey is initiated from the cor. of secs. 11, 12, 13 and 14, from which, cors. are established at intervals of 40 and 80 chs. westerly and southerly, with fractional measurements placed in W. half mile of sec. 10, and S. half mile of sec. 24. The line between secs. 12 and 13 was projected E. from cor. of secs. 11, 12, 13 and 14 to an intersection with the E. bdy. of Tp., where a closing cor. for secs. 12 and 13 is set. From the closing cor. of secs. 12 and 13, cors. referring to T. 6 S., R. 4 W., only, are established to the N. and S., at intervals of 40 and 80 chs., with fractional measurements placed in N. half mile of sec. 1 and S. half mile of sec. 24. In the survey of secs.

Chains

13 and 24, the fractional measurements are placed against the W. bdys. The remaining subdivision lin are surveyed from S. to N., and E. to W., with fractional measurements placed against N. bdy. of T and W. bdys. of secs. 3 and 10. The first meridiona sec. line is run parallel to a mean course of the E. bdy. from cor. of secs. 11, 12, 13 and 14, to an intersection with the N. bdy. where a closing cor. i set. From the cor. of secs. 1, 2, 11 and 12, a sectional correction line is run W. to intersection with N. bdy. of sec. 3.

Numerous patented mineral claims are located in this township, the cors. of which were found to be in poo condition, in many instances only a mound of earth and stone with a decayed stump of post being all the evidence found of the cor. In all cases where a doubt existed as to the identification of the mineral claim cor. to which a tie was made, the lines of the mineral claim were retraced and connections made to a mineral claim cor. that could be identified.

RETRACEMENT OF

FIRST STANDARD PARALLEL SOUTH THROUGH Rs. 4 AND 5 W.

From the standard ¼ sec. cor. bet. secs. 5 and 32, on N. bdy. T. 6 S., R. 4 W., hereinafter described.

Thence

East, on retracement line bet. secs. 5 and 32.

40.00 Set temp. sec. cor. No trace of the standard sec. cor. could be found.

From temp. S.C. of secs. 4, 5, 32 and 33.

East, on retracement line bet. secs. 4 and 33.

40.00 No trace of standard ¼ sec. cor. found. Set temp. cor.

80.00 Set temp. S.C. of secs. 3, 4, 33 and 34.

From temp. S.C. of secs. 3, 4, 33 and 34.

East, on retracement line bet. secs. 3 and 34.

RETRACEMENT OF

FIRST STANDARD PARALLEL SOUTH THROUGH Rs. 4 AND 5 W.

Chains	
40.00	Set temp. ¼ sec. cor. No trace of ¼ sec. cor. found.
45.73	No trace of the witness cor. to standard cor. of secs. 2, 3, 34 and 35 could be found.
	From the standard ¼ sec. cor. bet. secs. 5 and 32,
	Thence
	West, on retracement line bet. secs. 5 and 32.
40.00	Set temp. S.C. of secs. 5, 6, 31 and 32. No evidence of the original cor. could be found.
	From temp. S.C. of secs. 5, 6, 31 and 32.
	West, bet. secs. 6 and 31 on retracement line.
40.00	Set temp. standard ¼ sec. cor. No evidence of the old standard ¼ sec. cor. could be found.
80.00	Set temp. S. C. of Ts. 5 and 6 S., Rs. 4 and 5 W. No evidence of the old standard Tp. cor. could be found.
	From the temp. standard cor. of Ts. 5 and 6 S., R. 4 and 5 W., I continue W. on retracement line through R. 5 W., making careful search for the standard ¼ sec. and sec. cors., and at 322.68 chs., fall 8.52 chs. N. of point for standard cor. of secs. 32 and 33, at SE. cor. of field and fence. The position for the standard cor. of secs. 32 and 33 was identified by Chas. Anderson, owner of S.½ of SE.¼ of sec. 32, T. 5 S., R. 5 W., who stated that at the time he constructed the fence along S. bdy. of land owned in sec. 32, that the cor. monument of secs. 32 and 33, was in place, and that the cor. post at SE. cor. of field, was set alongside of corner monument of secs. 32 and 33, the cor. monument of secs. 32 and 33 being a pine post, 4 ins. sq., extending about 2 ft. above ground. Mr. Anderson also stated the cor. monument was last seen in 1923, at which time the cor. was badly decayed The position of the standard cor. of secs. 32 and 33, was substantiated by Mr. A. J. Stookey, a local surveyor, who is familiar with the positions of the sec. cor. in vicinity.
	The course of the line bet. the standard ¼ sec. cor.

Chains

bet. secs. 5 and 32, on N. bdy. T. 6 S., R. 4 W., and the standard cor. of secs. 32 and 33, on S. bdy. of T. 5 S., R. 5 W., therefore is N. 88° 54'E., and the proportionate length of each mile is 80.50 chs.

RESURVEY OF

FIRST STANDARD PARALLEL SOUTH THROUGH R. 4 W.

At proportionate point, N. 88° 54'E., 322.00 chs. dist. from standard cor. of secs. 32 and 33, on S. bdy. of T. 5 S., R. 5 W., I restore the standard cor. of Ts. 5 and 6 S., Rs. 4 and 5 W. as follows:

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground for S.C. of Ts. 5 and 6 S., Rs. 4 and 5 W., with brass cap marked

SC
T5S
R5W | R4W
S36 | S31
S 1 | S 6
T6S
1926

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

Thence,

N. 88° 54'E., on resurvey line, bet. secs. 6 and 31,

Descend gradually over rolling land through medium undergrowth.

0.70 Wash, 4 lks. wide, 6 ins. deep, 5 ft. below Tp. cor., course S. 20°W.; ascend gradually over rolling bench land.

40.25 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for standard ¼ sec. cor., with brass cap marked

SC
S 31
¼
S 6
1926

Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.

RESURVEY OF

W. BASE STANDARD PARALLEL SOUTH THROUGH R. 4 W.

Chains

48.00 Road, brs. N. 35°W. to Stockton, Utah, and S. 35°E.

80.50 Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for S.C. of secs. 5, 6, 31 and 32, with brass cap marked

SC
T5S R4W
S31 | S32
S 6 | S 5
T6S
1926

Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.

Land, rolling with gradual slope to W.

Soil, sandy and gravel loam; rocky; 2nd and 3rd rate.

Undergrowth, medium growth of sagebrush. Fair growth of grass. Good grazing.

No timber.

N. 88° 54'E., on resurvey line bet. secs. 5 and 32.

Over rolling bench land, through medium undergrowth.

12.40 Road, brs. N. 30°E. to Ophir, Utah, and S. 30°W.

38.00 Old road, brs. NE. to Ophir, Ut. and SW.

40.25 Proportionate distance.

The original standard ¼ sec. cor., which is a decayed stump of pine post in the ground along side of which is a limestone, 14 x 8 x 6 ins., marked , on N. face. This cor. was identified by settlers who placed the limestone alongside of original ¼ sec. cor. monument, in order that the position of the cor. would not be lost.

I remonument this cor. as follows:-

Alongside of cor. monument, set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for standard ¼ sec. cor., with brass cap marked

SC
S 32
¼
S 5
1926

Chains	
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
	Thence
	East, on resurvey line bet. secs. 5 and 32, with continuous measurement.
42.50	Pole fence, brs. NE. and SW.
58.00	Leave bench, brs. NE. and SW.; descend.
65.00	Fence in ravine, 30 ft. below top of bench, brs. NE. and SW.; thence over bottom of ravine.
65.40	Ophir creek, stream of clear water, 10 lks. wide, 6 in. deep, course SW.; enter field, brs. NE. and SW.
68.40	Wire fence, brs. NE. and SW.; ascend, leaving field.
73.30	Fence, at top of bench, 30 ft. high, brs. NE. and SW.; thence over rolling bench land.
73.70	Road, brs. NE. to Ophir, Utah, and SW.; enter field, brs. NE. and SW.
80.15	Wire fence, brs. N. 20°W., and S. 20°E.; leave field and enter corral.
80.25	Recorded position.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for standard cor. of secs. 4, 5, 32 and 33 with brass cap marked

SC
T5S R4W
S32 | S33
S 5 | S 4
T6S
1926

	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
	Land, rolling bench with gradual slope to SW.
	Soil, sandy and gravelly loam; 1st and 2nd rate.
	No timber.
	Undergrowth; medium growth of sagebrush; fair growth of grass. Fair grazing.

	East, on resurvey line bet. secs. 4 and 33.
	Over rolling bench land, through corral.

Chains	
7.30	Wire fence, brs. N. and S.; leave corral, entering medium undergrowth.
15.80	Road, brs. N. 30°W. to Ophir, Utah and S. 30°E.
29.00	Enter scattering scrub juniper, brs. NE. and SW.
40.00	Recorded position for ¼ sec. cor. No trace of cor. found
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for standard ¼ sec. cor. with brass cap marked
	SC ¼ S 33 / S 4 1926
	From which
	A juniper, 7 ins. diam., brs. N.72°30'E., 35 lks. dist., marked ¼ S 33 SC BT.
	A juniper, 6 ins. diam., brs. S.72°30'W., 25 lks. dist., marked ¼ S 4 SC B T.
44.37	Intersect line 1 - 2, of John Godin No. 5 lode, survey No. 3388, S. 48° 03'W., 2. 50 chs. dist. from cor. No. 1, identical with cor. No. 2, John Godin No. 2 lode, survey No. 3388, which is a square pine post, 4 ft. long, 4 x 4 ins. sq., set in mound of stone, marked 1-3388 on SW. face, and 2-3388 on SE. face.
58.25	Head of draw, drains S. 60°W.
80.00	Recorded position for cor. of secs. 3, 4, 33 and 34. No trace of original cor. found.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for S.C. of secs. 3, 4, 33 and 34, with brass cap marked
	SC T5S R4W / S33 S34 S 4 S 3 T6S 1926
	From which
	A juniper, 5 ins. diam., brs. N.56°30'E., 15 lks. dist., marked "BT" only.
	A juniper, 5 ins. diam., brs. S.39°30'E., 11 lks.

[illegible]

PORTION OF SOUTH BOUNDARY OF [illegible]

Chains

dist., marked "BT". only. [illegible]

A juniper, 6 ins. diam., brs. S.52°30'W., 65 lk

dist., marked "BT". only.

A juniper, 6 ins. diam., brs. N. 59° W., 25 lks

dist., marked "BT" only.

The above bearing trees are too scrubby for additional markings.

Land, rolling bench; gradual slope to SW.

Soil, sandy and gravelly loam; rocky; 2nd and 3rd rate

No timber.

Undergrowth, medium growth of sagebrush; fair growth of grass affording good grazing.

RETRACEMENT OF

PORTION OF SOUTH BOUNDARY OF T. 6 S., R. 4 W.

From the cor. of Ts. 6 and 7 S., Rs. 3 and 4 W., which is a limestone, 12 x 10 x 4 ins., above ground, firm set and marked 6 notches on N., S., E. and W. edges, and witnessed by a mound of stone, 3 ft. base, 2 ft. high to the W. of cor.; thence

West, on retracement line along S. bdy. of T. 6 S., R. 4 W., making careful search for ¼ sec. and sec. cors. at intervals of 40.00 and 80.00 chs., and at

321.68 Fall 4.80 chs. N. of the cor. of secs. 4, 5, 32 and 33, which is a limestone, 10 x 10 x 4 ins., above the ground, firmly set and marked 4 notches on E., and 2 notches on W. edge. The cor. is unwitnessed. I raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor.

The course of the S. bdy. of Tp., from cor. of Ts. 6 and 7 S., Rs. 3 and 4 W., to cor. of secs. 4, 5, 32 and 33, therefore is S. 89° 09'W., and the proportionate length of each mile is 80.43 chs.

I return on true line and establish points for cors. of secs. 1,2, 35 and 36, [illegible] and 38, and 3, [illegible] and 34, at [illegible]

RETRACEMENT OF

WEST BOUNDARY OF T. 6 S., R. 4 W.

Chains	
	From the cor. of Ts. 6 and 7 S., Rs. 4 and 5 W., which is a limestone, 12 x 12 x 4 ins., above ground, firmly set and marked 6 notches on N., S., E and W. edges and unwitnessed. I raise a mound of stone, 2 ft. base, 1½ ft. high S. of cor.
	Thence
	North, on retracement line along W. bdy. of Tp., making careful search for ¼ sec. and sec. cors. at intervals of 40.00 and 80.00 chs., and at
485.04	Fall 5.18 chs. E. of the restored standard cor. of Ts. 5 and 6 S., Rs. 4 and 5 W., heretofore described.
	The course of the W. bdy. of Tp., therefore is N. 0° 37' W., and the proportionate length of each mile is 80.845 chs.
	I return on true line and establish points for cors. of secs. 7, 12, 13 and 18, 13, 18, 19 and 24, and 19, 24, 25 and 30, at proportional positions.

RETRACEMENT OF

EAST BOUNDARY OF T. 6 S., R. 4 W.

	From the cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp., hereinafter described.
	Thence
	North, on retracement line bet. secs. 19 and 24.
40.12	Intersect the ¼ sec. cor., hereinafter described.
	The course of this half mile, therefore is N., and the distance is 40.12 chs.
	From ¼ sec. cor. bet. secs. 19 and 24.
	North, on retracement line
41.13	Intersect the cor. of secs. 13, 18, 19 and 24, hereinafter described.
	The course of this half mile therefore is N., and the distance is 41.13 chs.
	From the cor. of secs. 13, 18, 19 and 24.
	North, on retracement line bet. secs. 13 and 18.

[illegible] OF

EAST BOUNDARY OF T. [illegible]

Chains

40.78 Intersect the ¼ sec. cor., hereinafter described.

The course of this half mile therefore is N., and the distance is 40.78 chs.

From the ¼ sec. cor.

North, on retracement line.

40.92 Intersect the cor. of secs. 7, 12, 13 and 18, hereinafter described.

The course of this half mile therefore is N., and the distance is 40.92 chs.

From the cor. of secs. 7, 12, 13 and 18.

North, on retracement line bet. secs. 7 and 12.

40.22 Pass 17 lks. W. of the ¼ sec.cor., hereinafter described.

The course of this half mile therefore is, N. 0° 15'E. and the distance is 40.22 chs.

From the ¼ sec. cor.

North, on retracement line.

39.91 Pass 2 lks. W. of the cor. of secs. 1, 6, 7 and 12, hereinafter described.

The course of this half mile therefore is N. 0° 02'E., and the distance is 39.91 chs.

From the cor. of secs. 1, 6, 7 and 12.

North, on retracement line bet. secs. 1 and 6.

40.04 Pass 20 lks. W. of ¼ sec. cor., hereinafter described.

The course of this half mile therefore is N. 0° 17'E., and the distance is 40.04 chs.

From ¼ sec. cor.

North, on retracement line.

30.15 Intersect the closing cor. of Ts. 6 S., Rs. 3 and 4 W., hereinafter described.

The course of this half mile therefore is N., and the distance 30.15 chs.

RESURVEY OF

EAST BOUNDARY OF T. 6 S., R. 4 W.

Chains	
	From the cor. of secs. 19, 24, 25 and 30, on E. bdy. of T. 6 S., R. 4 W., which is a limestone, 9 x 6 x 4 ins., above ground, firmly set and marked 2 notches on S., and 4 notches on N. edge, from which a dead juniper, 4 ins. diam., brs. S. 13°W., 123 lks. dist., marked T. 6 S R 4 W S 25 B T. I remonument cor. as follows:
	Alongside of 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, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T6S

R4W	R3W
S24	S19
S25	S30

1926

	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor. No suitable bearing trees available.
	From this sec. cor., cor. No. 1 of Hoketika No. 2 lode, identical with cor. No. 2, of Hoketika No. 1 lode, survey No. 3658, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone, marked 1-3658 on NW. face, and 2-3658 on NE. face, brs. N. 62°15'W., 14.70 chs. dist.
	Cor. No. 1, Buffalo lode, identical with cor. No. 4, Buffalo Fraction lode, survey No. 3512, which is a decayed stump of post, 4 ins. sq., in mound of earth and stone, brs. N. 17° 56'E., 4.64 chs. dist.
	Thence
	North, on resurvey line, bet. secs. 19 and 24.
	Ascend gradually over rolling hills, through medium undergrowth and very scattered timber.
6.92	Intersect line 1-4, Buffalo Fraction lode, survey No. 3512, N. 29° 55'W., 2.88 chs. dist. from cor. No. 4, identical with cor. No. 1, Buffalo lode, sur. No. 3512 heretofore described.
22.00	Low spur, 70 ft. above sec. cor., projects SW.; descend.
25.00	Ravine, 30 ft. below spur, course S. 60°W.; ascend

Chains	
36.93	Intersect line 1-2, Try Again lode, survey No. 4192, S. 39° 47'E., 4.10 chs. dist. from cor. No. 1, iden ical with cor. No. 1, Albion lode, survey No. 4192, which is a pine post, 4 ins. sq., 4 ft. long, set i mound of stone, and marked 1-4192 on SW. and 1-4192 on NW. face.
40.12	The ¼ sec. cor. bet. secs. 19 and 24, and identical wi cor. No.1, Silver King lode, survey No.3360, not paten which is mound of earth and stone, from which A juniper, 10 ins. diam., brs. S.16°30'W., 33 li dist., marked ¼ S B T. A juniper, 12 ins. diam., brs. S. 25°E., 24 lks. dist., marked ¼ S B T. A juniper, 11 ins. diam., brs. S.22°30'W., 35 lk dist., marked 1-3360 BT. The old cor. monument could not be found. I remonumen this cor. for sec. 19, only as follows; destroying the SW. bearing tree to ¼ sec. cor., and marking an additional tree. In old mound, set an iron post, 3 ft. long, 1 in. dia 20 ins. in the ground to solid rock and 10 ins. in a mound of stone for ¼ sec. cor., sec. 19 only, with brass cap marked ¼ S 19 1926 from which A juniper, 6 ins. diam., brs. N. 14°E., 34 lks. dist., marked ¼ S 19 B T. Cor. stands on W. slope, 130 ft. above ravine.
43.00	Head of ravine, 5 ft. below ¼ sec. cor., course S.30°W. ascend S. slope.
43.66	Point 40.00 chs. south of point for cor. of secs. 13 an 24. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of

Chains

stone for ¼ sec. cor., sec. 24 only, with brass cap marked

¼
S 24
1926

From which

A juniper, 8 ins. diam., brs. S. 10°W., 41 lks. dist., marked ¼ S 24 B T.

A juniper, 9 ins. diam., brs. N. 50°W., 28 lks. dist., marked ¼ S 24 B T.

49.00 Spur, 180 ft. above ravine, projects W.; descend.

51.00 Ravine, 40 ft. below spur, course N. 80°W.; ascend.

54.00 Spur, 40 ft. above ravine, projects W.; descend.

58.00 Ravine, 40 ft. below spur, course S. 60°W.; ascend.

81.25 The cor. of secs. 13, 18, 19 and 24, which is a limestone, 18 x 12 x 10 ins., firmly set in the ground and marked 3 notches on N. and S. edges, from which

A juniper, 9 ins. diam., brs. N. 41°E., 37 lks. dist., marked T 6 S R 3 W S 18 B T.

A juniper, 6 ins. diam., brs. S. 80°W., 15 lks. dist., marked T 6 S R 4 W S 24 B T.

A juniper, 5 ins. diam., brs. N. 12°W., 38 lks. dist., marked T 6 S R 4 W S 13 B T.

I remonument this cor. as follows for cor. of secs. 18 and 19 only, destroying marks on trees to W.

Alongside of old cor., set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock, and 24 ins. in a mound of stone, for cor. of secs. 18 and 19 only, with brass cap marked

T6S R4W S24 | T6S R3W S18
S 19
1926

No suitable bearing tree available in sec. 19.

Cor. stands on spur, 460 ft. above ravine, projects S. 70°W.

Chains

Land, rolling and broken hills; W. exposure.

Soil, sandy and clay loam; rocky; 3rd and 4th rate.

Timber, scattered juniper and pinon.

Undergrowth; medium growth of sagebrush; medium growth of grass. Fair grazing.

North, on resurvey line, along W. bdy. sec. 18.

Descend NW. slope, over broken hills, through medium undergrowth and scattered timber.

2.41 Point 80.00 south from point for closing cor. of secs. 12 and 13.

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

T6S R4W S13	T6S R3W S18
S24	

1926

From which

A pinon, 10 ins. diam., brs. S. 67°W., 110 lks. dist., marked T 6 S R 4 W S 24 B T.

No other suitable bearing tree available. Deposit a limestone, 8 x 6 x 4 ins., marked with a cross (+) at base of post.

11.00 Ravine, 250 ft. below spur, course W.; ascend gradual

15.40 Ravine, course S. 60°W.; ascend E. slope.

18.00 Top of ascent, 40 ft. above ravine, slopes E.; descend

19.25 Recross ravine, 15 ft. below top of ascent, course S. 20°E.; ascend.

28.00 Top of ascent, 200 ft. above ravine, slopes W.; descend

33.60 Recross ravine, 20 ft. below top of ascent, course SW.; ascend.

40.78 The ¼ sec. cor., which is a sandstone, 16 x 10 x 10 ins. set in mound of stone, and marked ¼ on W. face, from which

Chains

A juniper, 9 ins. diam., brs. S. 52°E., 21 lks. dist., marked ¼ S 18 B T.

A juniper, 6 ins. diam., brs. N. 48°W., 28 lks. dist., marked ¼ S 13 B T.

I remonument this ¼ sec. cor. for sec. 18 only, as follows, and destroy marks on NW. bearing tree.

Alongside of old cor., set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone, for ¼ sec. cor., sec. 18 only, with brass cap marked

¼
S 18
1926

From which

A pinon, 6 ins. diam., brs. S. 71°E., 39 lks. dist., marked ¼ S 18 B T.

A juniper, 4 ins. diam., brs. N. 13°E., 22 lks. dist., marked ¼ S 18 B T.

42.41 Point 40.00 chs. south of point for closing cor. of secs. 12 and 13.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone for ¼ sec. cor., sec. 13 only, with brass cap marked

¼
S 13
1926

From which

A juniper, 4 ins. diam., brs. S. 39°W., 48 lks. dist., marked "BT" only.

A pinon, 6 ins. diam., brs. N.48°30'W., 21 lks. dist., marked ¼ S 13 B T.

45.00 Spur, 280 ft. above ravine, projects S. 70°W., desc.

49.50 Ravine, 145 ft. below spur, course W.; ascend SW. slope

59.92 Intersect line 2-3, Little Mapleton lode, survey No. 3218, S.76°00'W., 4.43 chs. dist. from cor. No. 2, which is a pine

Chains

post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 2-3218. Claim is not patented.

60.00 Top of ascent, 200 ft. above ravine, slopes W., descen

63.80 Ravine, 15 ft. below top of ascent, course SW.; ascend

69.21 Intersect line 1-4, Little Mapleton lode, survey No. 3218, S. 73°56'W., 27 lks. dist., from cor. No. 1, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone, and marked 1-3218 on SW. face. Clai is not patented.

69.82 Intersect line 1-4, Clara No. 1 lode, survey No. 3218, N. 25°45'W., 59 lks. dist. from cor. No. 1 of Little Mapleton lode. Claim is not patented.

70.00 Top of spur, 150 ft. above ravine, projects S. 70°W.; descend.

70.20 Intersect line 1-2, Clara No. 1 lode, survey No. 3218, N. 75° 47'E., 2.40 chs. dist. from cor. No. 1, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone, and marked 1-3218 on SE. face. Claim is not patented.

70.60 Ravine, 145 ft. below spur, course S. 80°W., ascend.

71.70 On. S. slope, 180 ft. above ravine.

The cor. of secs. 7, 12, 13 and 18, which is a limestor 16 x 12 x 10 ins., marked 4 notches on S., and 2 notches on N. edge, from which

A juniper, 11 ins. diam., brs. S. 5°W., 25 lks. dist., marked T 6 S R 4 W S 13 B T.

A juniper, 15 ins. diam., brs. N. 42°E., 68 lks. dist., marked T 6 S R 3 W S 7 B T.

A juniper, 12 ins. diam., brs. S. 70°E., 35 lks. dist., marked T 6 S R 3 W S 18 B T.

I destroy the marks on SW. bearing tree and remonument this cor. for secs. 7 and 18 only as follows:-

Alongside of cor. monument, set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and 10 ins. in mound of stone, for cor. of secs. 7 and 18 only, with brass cap marked

RESURVEY OF

EAST BOUNDARY OF T. 6 S., R. 4 W.

Chains

T6S R4W S13	T6S R3W S 7 / S18

1926.

Land, broken hills; W. exposure.

Soil, sandy and clay loam; rocky; 4th rate.

Timber, scattered juniper and pinon.

Undergrowth, medium growth of sagebrush. Medium growth of grass. Good grazing.

N. 0° 15'E., on resurvey line along W. bdy. of sec. 7.

Ascend over mountainous land, through medium undergrowth and scattered timber.

0.71 Point for closing cor. of secs. 12 and 13, subsequently established for description of which see notes of line bet. secs. 12 and 13.

1.00 Ridge, 10 ft. above sec. cor., brs. E. and W.; descend.

14.00 Ravine, 360 ft. below ridge, course E.; ascend.

27.50 Spur, 300 ft. above ravine, projects W.; descend.

40.22 The ¼ sec. cor. which is a sandstone, 12 x 6 x 4 ins., above ground, firmly set and marked . on W. face, and unwitnessed.

I remonument this cor. for sec. 7 only as follows:-

Alongside of cor. monument, set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor. sec. 7 only, with brass cap marked

¼
S 7
1926

From which

A pinon, 5 ins. diam., brs. N.16°15'E., 40 lks. dist., marked ¼ S 7 B T.

A pinon, 8 ins. diam., brs. S.67°45'E., 15 lks. dist., marked ¼ S 7 B T.

Cor. stands on steep N. slope at foot of small ledge, 10 ft. high, 400 ft. below spur.

Chains	
	Thence
	N. 0° 02'E., on resurvey line with continuous measurement.
40.71	Point 40.00 chs. northing from closing cor. secs. 12 and 13.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 12 only, with brass cap marked
	¼ S 12 1926
	From which
	A pinon, 8 ins. diam., brs. S. 48°W., 27 lks. dist., marked ¼ S 12 B T.
	A pinon, 8 ins. diam., brs. N.80°15'W., 110 lks. dist., marked ¼ S 12 B T.
50.50	Wash, 50 lks. wide, 6 ft. deep, in bottom of Mercur Canyon, 260 ft. below ¼ sec. cor., course S. 70°W.; ascend steep S. slope.
51.00	Old road, brs. N. 70°E., and S.70°W.
67.00	Top of ascent, 680 ft. above canyon, slopes SE.; thence along E. slope.
80.13	The cor. of secs. 1, 6, 7 and 12, which is a sandstone, 22 x 12 x 4 ins., firmly set in the ground and marked 5 notches on S., and 1 notch on N. edge, from which
	A juniper, 7 ins. diam., brs. S.34°45'E., 210 lks. dist., marked T 6 S R 3 W S 7 B T.
	A juniper, 7 ins. diam., brs. S. 35°W., 54 lks. dist., marked T 6 S R 4 W S 12 B T.
	I destroy the marks on SW. bearing tree and remonument this cor. as cor. for secs. 6 and 7 only as follows:-
	Alongside cor. monument, set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock and 16 ins. in mound of stone, for cor. of secs. 6 and 7 only with brass cap marked

Chains

T6S
T6S R3W
R4W S 6
S12
S 7

1926

From which

A pinon, 5 ins. diam., brs. N.53°30'E., 85 lks. dist., marked T 6 S R 3 W S 6 B T.

Land, mountainous; drainage W.

Soil, rocky, clay and sandy loam; 4th rate.

Timber, scattered juniper and pinon.

Undergrowth, medium growth of sagebrush.

Medium growth of grass. Good grazing.

N. 0° 17'E., on resurvey line along W. bdy. sec. 6.

Ascend gradually along steep S. slope, over mountainous land, through scattered timber and medium undergrowth.

0.58 Northing of 80.00 chs. from closing cor. of secs. 12 and 13.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and 6 ins. in a mound of stone for cor. of secs. 1 and 12 only, with brass cap marked

T6S
R4W T6S
S 1 R3W
S 6
S12

1926

From which

A pinon, 7 ins. diam., brs. S. 23°W., 88 lks. dist., marked "BT" only. Tree too scrubby for additional markings.

A pinon, 8 ins. diam., brs. N. 2° 15'W., 128 lks. dist., marked T 6 S R 4 W S 1 B T.

5.00 Top of ascent, 30 ft. above sec. cor., slopes E.; descend along E. slope.

20.20 Ravine, 50 ft. below top of ascent, course S. 30°E.; ascend broken SW. slope.

21.24 Intersect line 1-2, Bay Horse No. 2 lode, survey No.

Chains	
	3182, N.51° 33'E., 9.43 chs., dist. from cor. No. 2 identical with cor. No. 20, Bay Horse No. 1 lode, survey No. 3182, which is stump of pine post, 4 ins. sq., in mound of stone.
30.00	Top of SW. slope, thence ascend gradually along W. slo
38.18	Intersect line 10-11, Bay Horse No.3, lode, survey No.31 S.55° 03'E., 2.72 chs., dist. from cor. No. 10, which is identical with cor. No. 7, May Flower No. 1 lode and is a pine post, 4 ft. long, 4 ins. sq., set in mound of earth and stone, and marked 10-3182 on S., and 7-3182 on W. face.
40.04	The ¼ sec. cor., which is a sandstone, 19 x 12 x 8 ins. firmly set and marked ¼ on W. face, from which
	A pinon, 7 ins. diam., brs. N. 66°15'E., 59 lks. dist., marked ¼ S 6 B T.
	I remonument this cor. as follows:-
	Alongside of cor. monument, set an iron post, 3 ft. lon 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 6 only, with brass cap marked
	¼ / S 6 / 1926
	From which
	A juniper, 8 ins. diam., brs. S.38°15'E., 90 lks. dist., marked ¼ S 6 B T.
	Cor. stands on W. slope, 500 ft. above ravine.
	Thence
	North, on resurvey line with continuous measurement.
40.58	Northing of 40.00 chs. from cor. of secs. 1 and 12.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., sec. 1 only, with brass cap marked
	¼ / S 1 / 1926
	From which
	A pinon, 6 ins. diam., brs. S. 36°W., 43 lks.

Chains	
	dist., marked ¼ S 1 B T.
	A pinon, 7 ins. diam., brs. N. 8°W., 40 lks. dist., marked ¼ S 1 B T.
44.00	Ravine, 40 ft. above ¼ sec. cor., course S. 30°W.; ascend.
53.00	Leave timber, brs. NE. and SW.
54.69	Intersect line, 31-32, Caledonia lode, survey No. 3166, N.79° 39'E., 11.96 chs. dist., from cor. No. 32, identical with cor. No. 7, Idaho No. 2 lode, survey No. 3166, which is a pine post, 4 ft. long, 4 ins. sq., set in mound of earth and stone, and marked 32-3166 on NE., and 7-3166 on NW. face.
70.19	On ridge, 550 ft. above ravine, brs. W. and SE.
	The closing cor. of T. 6 S., Rs. 3 and 4 W., which is a limestone, 18 x 16 x 4 ins., firmly set in ground and marked 6 notches on E., W., and S. edges, and C on N. face, and unwitnessed.
	I remonument this cor. for NW. cor. of T. 6 S., R. 3 W. as follows:-
	Along side of cor. monument, set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground for W. cor. of T. 6 S., R. 3 W., only with brass cap marked
	T6SR4W S 1 | T6S R3W S 6 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high SE. of cor.
	From this cor., east, 70 lks. dist. is the standard cor. of T. 5 S., R. 3 and 4 W., which is a limestone, 20 x 10 x 8 ins., firmly set in ground and mound of stone, and marked 6 notches on N., E., and W. edges. I remonument this cor. for SW. cor. of T. 5 S., R. 3 W. as follows:-
	Alongside of cor. monument, set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the ground to solid rock, and 20 ins. in mound of stone, for standard

RETRACEMENT OF

PORTION OF SUBDIVISION OF T. 6 S., R. 4 W.

Chains	
	SW. cor. of T. 5 S., R. 3 W., with brass cap marked
	SC T5S R3W S31 1926
	Deposit limestone, 8 x 6 x 4 ins., marked with cross (at base of post.
	Land, mountainous.
	Soil, rocky clay and sandy loam; 4th rate.
	Timber, scattered juniper and pinon on portion of mile.
	Undergrowth, medium growth of sagebrush.
	Good grazing. Fair growth of grass.

RETRACEMENT OF

PORTION OF SUBDIVISIONS OF T. 6 S., R. 4 W.

	From the restored standard cor. of secs. 3, 4, 33 and 34, on N. bdy. of T. 6 S., R. 4 W., heretofore described.
	Thence
	South, on retracement line bet. secs. 3 and 4.
39.92	Set temp. ¼ sec. cor. No evidence of ¼ sec. cor. found.
82.32	Fall 57 lks. W. of the cor. of secs. 3, 4, 9 and 10, hereinafter described.
	The course of this mile therefore is S. 0° 24'E., and the proportionate distance of the N. half mile is 41.12 chs., and the proportionate distance of the S. half mile is 41.20 chs.
	From the cor. of secs. 3, 4, 9 and 10.
	South, on retracement bet. secs. 9 and 10.
40.00	Set temp. ¼ sec. cor. No evidence of ¼ sec. cor. found.
80.00	Set temp. cor. of secs. 9, 10, 15 and 16. No evidence of cor. of secs. 9, 10, 15 and 16 could be found.
	From temp. cor. of secs. 9, 10, 15 and 16.
	South, on retracement line, making careful search for ¼ sec. and sec. cors., and at 321.85 chs., fall 5.18 chs. W. of restored point for cor. of secs. 3, 4, 33

and 34 on S. bdy. of Tp.

From temp. cor. of secs. 9, 10, 15 and 16.

West, on retracement line making careful search for ¼ sec. and sec. cors, and at 239.59 chs., fall 1.48 chs. N. of restored point for cor. of secs. 7, 12, 13 and 18 on W. bdy. of Tp.

From temp. cor. of secs. 9, 10, 15 and 16.

East, on retracement line bet, secs. 10 and 15.

39.97 Set temp. ¼ sec. cor. No evidence of ¼ sec. cor. found.

79.94 Set temp. cor. of secs. 10, 11, 14 and 15. No evidence of the cor. of secs. 10, 11, 14 and 15 could be found.

From temp. cor. of secs. 10, 11, 14 and 15.

South, on retracement line, making careful search for ¼ sec. and sec. cor., and at 320.80 chs. dist., fall 5.56 chs. W. of restored point for cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp.

From temp. cor. of secs. 10, 11, 14 and 15.

East, on retracement line bet. secs. 11 and 14.

40.06 Set temp. ¼ sec. cor. No evidence of ¼ sec. cor. found.

86.85 Fall 6.56 chs. S. of the cor. of secs. 11, 12, 13 and 14, hereinafter described.

Restoring the cor. of secs. 9, 10, 15 and 16 by double proportionate measurement bet. the cor. of secs. 3, 4, 9 and 10, and the point for cor. of secs. 3, 4, 33 and 34 on S. bdy. of Tp., and bet. the cor. of secs. 11, 12, 13 and 14, and the point for cor. of secs. 7, 12, 13 and 18 on W. bdy. of Tp., the course of the line bet. secs. 9 and 10, therefore is N. 3° 02'W., and the distance is 80.48 chs.

Restoring the cor. of secs. 10, 11, 14 and 15, at proportionate distance bet. the cor. of secs. 11, 12, 13 and 14, and point for cor. of secs. 7, 12, 13 and 18 on W. bdy. of tp., and at the recorded distance from cor. of secs. 2, 3, 34 and 35 on S. bdy. of Tp., the course of the line bet. secs. 10 and 15, therefore is N. 89° 42'W., and the distance is 81.18 chs., and

Chains

the course of the line bet. secs. 11 and 14, is S. 8 50' W., and the distance is 81.69 chs.

From the cor. of secs. 11, 12, 13 and 14.

South, on retracement bet. secs. 13 and 14.

40.00 Set temp. ¼ sec. cor. No evidence of ¼ sec. cor. found

80.00 Set temp. cor. of secs. 13, 14, 23 and 24. No evidenc of the cor. of secs. 13, 14, 23 and 24 found.

From temp. cor. of secs. 13, 14, 23 and 24.

West, on retracement line making careful search for ¼ sec. and sec. cors, and at 405.62 chs., fall 8.94 chs. N. of point for cor. of secs. 13, 18, 19 and 24 on W. bdy. of Tp.

From temp. cor. of secs. 13, 14, 23 and 24.

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

40.00 Set temp. ¼ sec. cor. No evidence of ¼ sec. cor. found.

80.00 Set temp. cor. of secs. 23, 24, 25 and 26. No evidence of cor. of secs. 23, 24, 25 and 26 could be found.

Thence

East, on retracement line bet. secs. 24 and 25.

39.96 Set temp. ¼ sec. cor. No evidence of ¼ sec. cor found.

79.71 Fall 3.54 chs. N. of cor. of secs. 19, 24, 25 and 30 on N. bdy. of Tp., heretofore described.

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

South, on retracement line, making careful search for ¼ sec. and sec. cors., and at 166.04 chs., fall 99 lks. E. of the restored point for cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp.

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

West, on retracement line, making careful search for ¼ sec. and sec. cors., and at 404.69 chs., fall 9.62 chs., N. of restored point for cor. of secs. 19, 24, 25 and 30 on W. bdy. of Tp.

Restoring the cor. of secs. 13, 14, 23 and 24, at proportionate distance bet. cor. of secs. 11, 12, 13 and 14 and point for cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp., and at the recorded distance from co

Chains

point for cor. of secs. 13, 18, 19 and 24 on W. bdy. of Tp., the course of line bet. secs. 13 and 14, therefore is S. 3° 51'W., and the distance is 81.69 chs.

Restoring the cor. of secs. 23, 24, 25 and 26, at double proportionate distance, bet. the cor. of secs. 11, 12, 13 and 14, and point for cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp., and bet. the cor. of secs. 19, 24, 25 and 30 on N. bdy. of Tp., and point for cor. of secs. 19, 24, 25 and 30 on W. bdy. of Tp., the course of line bet. secs. 23 and 24, therefore is S. 3°15'E., and the distance is 81.64 chs., and the course of the line bet. secs. 24 and 25, is S. 89° 3[illegible]' E., and the distance is 80.61 chs.

RESURVEY OF

PORTION OF SUBDIVISION OF T. 6 S., R. 4 W.

From the cor. of secs. 11, 12, 13 and 14, which is a limestone, 18 x 12 x 6 ins., firmly set in mound of stone, and marked 4 notches on S., and 1 notch on E. edge. Cor is unwitnessed. I remonument this cor. as follows:

Alongside of cor. monument, set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked

T6S	R4W
S11	S12
S14	S13

1926

From which

A juniper, 8 ins. diam., brs. N.14°30'E., 116 lks. dist., marked T 6 S R 4 W S 12 B T.

A pinon, 8 ins. diam., brs. S. 12°E., 132 lks. dist., marked T 6 S R 4 W S 13 B T.

A pinon, 7 ins. diam., brs. S. 17°30'W., 53 lks. dist., marked T 6 S R 4 W S 14 B T.

Chains	
	A juniper, 4 ins. diam., brs. N. 62°30'W., 65 lk dist., marked T 6 S R 4 W S 11 B T.
	From this cor., Mineral Monument No. 6, Camp Floyd Mining District, which is a mound of stone, 5 ft. ba 3 ft. high, from which a juniper, 8 ins. diam., brs. S.80°15'E., 26 lks. dist. marked U S M M 6 B T., a juniper, 10 ins. diam., brs. S.34°45'E., 83 lks. dis marked U S M M 6 B T; brs. N. 41°. 07'W., 28.08 chs. distance.
	Thence
	S. 3° 51'W., on resurvey line bet. secs. 13 and 14.
	Descend SW. slope over rolling hills, through scattered timber and medium undergrowth.
1.74	Intersect line 1-2, Granite Mt. No. 6 lode, survey No. 3681, N. 58° 36'E., 24 lks. dist., from cor. No. 2, which is a decayed stump of pine post, 4 ins. sq., in mound of stone.
25.50	Wash, 20 lks. wide, 3 ft. deep, in ravine, 300 ft. belo sec. cor., course S. 60°W.; thence across ravine.
31.20	Wash, 30 lks. wide, 4 ft. deep, course W.; ascend.
34.50	Top of bench, 30 ft. above wash, brs. E. and W.; thence descend gradually over rolling bench land.
40.09	Southing of 40.00 chs.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 13 only, with brass cap marked
	¼ S 13 1926
	From which
	A juniper, 4 ins. diam., brs. N. 83°30'E., 67 lks. dist., marked ¼ S 13 B.T.
	A juniper, 5 ins. diam., brs. S.2°45'E., 28 lks. dist., marked ¼ S 13 B.T.
40.84½	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in

Chains	
	the ground to solid rock and 10 ins. in a mound of stone for ¼ sec. cor., sec. 14 only, with brass cap marked
	¼ S 14 1926
	From which
	A juniper, 8 ins. diam., brs. S. 16°W., 167 lks. dist., marked ¼ S 14 B T.
	A juniper, 3 ins. diam., brs. N. 8°W., 64 lks. dist., marked "BT" only.
53.27	Intersect line, 5-6, Monopolist No. 4 lode, survey No. 3487, N. 58° 25'W., 44 lks. dist. from cor. No. 5, which is a decayed stump of post in mound of earth and stone.
57.50	Wash, 40 lks. wide, 3 ft. deep, course S. 60°W.
75.00	Wash, 30 lks. wide, 5 ft. deep, course S. 70°W.
80.18	Southing of 80.00 chs. from cor. of secs. 11, 12, 13 and 14.
	Set an iron post, 3 ft. long, 2 ins. diam., 29 ins. in the ground to solid rock and 10 ins. in a mound of stone for cor. of secs. 13 and 24 only, with brass cap marked
	T6S S13 S14 S24 R4W 1926
	From which
	A juniper, 8 ins. diam., brs. N. 7°15'E., 239 lks. dist., marked T 6 S R 4 W S 13 B T.
	A juniper, 5 ins. diam., brs. S.78°30'E., 177 lks. dist., marked T 6 S R 4 W S 24 B T.
81.69	Proportionate distance.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 14 and 23 only, with brass cap marked

RESURVEY OF

PORTION OF SUBDIVISION OF T. 6 S., R. 4 W.

Chains

T6S
S14 | S24
S23
R4W

1926

From which

A juniper, 3 ins. diam., brs. S.44°45'W., 97 lks dist., marked "BT" only.

A juniper, 8 ins. diam., brs. N. 74°W., 136 lks. dist., marked T 6 S R 4 W S 14 B T.

Land, rolling hills and bench land; drainage SW.

Soil, rocky, sandy loam; 3rd and 4th rate.

Timber, scattered juniper and pinon.

Undergrowth, medium growth of sagebrush; medium growth of grass. Good grazing.

S. 3° 13'E., on resurvey line bet. secs. 23 and 24. Over rolling bench land sloping gradually to SW., through scattered timber and medium undergrowth.

12.00 Leave timber, brs. SE. and NW.

18.20 Wash, 15 lks. wide, 4 ft. deep, course S. 60°W.

30.55½ Southing of 40.00 chs. from cor. of secs. 13 and 24.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 24 only, with brass cap marked

¼
S 24

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high E. of cor.

40.82 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 23 only, with brass cap marked

¼
S 23

1926

RESURVEY OF

PORTION OF SUBDIVISION OF T. 6 S., R. 4 W.

Chains	
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.
56.10	Old road, brs. NW. and SE.
81.64	Proportionate distance.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T6S R4W
S23 | S24
S26 | S25

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

Land, rolling bench; gradual slope to SW.

Soil, rocky and gravelly loam; 3rd and 4th rate.

Timber, scattered juniper and pinon on portion of mile.

Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.

S. 89° 38'E., on resurvey line bet. secs. 24 and 25.

Over rolling bench land, through medium undergrowth.

35.40 Old road, brs. NW. and SE.

39.60 Wash, 20 lks. wide, 4 ft. deep, course S. 20°W.

40.30½ Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 25 only, with brass cap marked.

¼ S 25

1926

From which

A lone juniper, 8 ins. diam., brs. S.71°15'E., 53 lks. dist., marked ¼ S 25 B T.

Raise a mound of stone, 2½ ft. base, 2 ft. high S. of cor.

40.61 Westing of 40.00 chs. from cor. of secs. 19, 24, 25 and 30 on E. bdy. of Tp.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 24 only, with brass cap marked ¼ S 24 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
63.60	Wash, 30 lks. wide, 3 ft. deep, course S. 30°W.
80.61	The cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp. heretofore described.
	Land, rolling bench; gradual slope to SW.
	Soil, rocky and gravelly loam; 3rd and 4th rate.
	No timber.
	Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.

	From the cor. of secs. 11, 12, 13 and 14; thence S. 84° 50'W., on resurvey line along N. bdy. sec. 14.
	Descend gradually over rolling hills, through scattered growth of timber, and medium undergrowth.
1.11	Intersect line, 8-9, Green Campbell lode, survey No. 3145, N. 23° 59'W., 1.94 chs. dist., from cor. No. 2, Granite Mt. No. 6 lode, survey No. 3681, heretofore described.
5.00	Cross top of spur, 30 ft. below sec. cor., projects S. 80°W.; descend along N. slope.
30.57	Intersect line, 1-2, Grannet Mt. No. 5 lode, survey No. 3681, S. 71° 29'W., 1.55 chs. dist., from cor. No. 1, which is a decayed stump of post, in mound of earth and stone.
33.00	Bottom of ravine, 250 ft. below spur, brs. N. 75°E., and S. 75°W.; thence over rolling bottom.
33.61	Intersect line, 4-5, Nellie G lode, survey No. 3681, S. 58° 34'W., 1.64 chs. dist., from cor. No. 5, which is a pine post, 4 ft. long, 4 ins. sq., set in mound

Chains	
	of stone, and marked 5-3681 on N. face.
34.00	Wash, 1 ch. wide, 3 ft. deep, course S. 75°W.
40.16	Westing of 40.00 chs. from cor. of secs. 11, 12, 13 and 14.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 11 only, with brass cap marked
	¼ S 11
	1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor. No suitable bearing trees available.
40.84	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 14 only, with brass cap marked
	¼ S 14
	1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
	Ascend SE. slope, leaving bottom of ravine, brs. N. 75° E., and S. 75°W.
44.86	Intersect line, 7-8, Santa Fee lode, survey No. 3681, S. 8° 36'E., 7.07 chs. dist. from cor. No. 7, which is decayed stump of post, in mound of earth and stone.
47.06	Intersect line, 1-2, Snowstorm No. 2 lode, survey No. 3878, S. 0° 45'E., 4.00 chs. dist. from cor. No. 1, identical with cor. No. 1, Snowstorm No.1 lode, survey No. 3877, which is decayed stump of post, in mound of earth and stone.
48.00	Top of bench, 30 ft. above ravine, brs. NE. and SW.; thence over rolling bench land.
80.33	Westing of 80.00 chs. from cor. of secs. 11, 12, 13 and 14.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and 10 ins. in mound of

Chains

stone, for cor. of secs. 10 and 11 only, with brass cap marked

T6S	R4W
S10	S11

S14

1926

From which

A juniper, 6 ins. diam., brs. N.22°45'E., 118 lk dist., marked T 6 S R 4 W S 11 B T.

A juniper, 7 ins. diam., brs. N.70°30'W., 433 lk dist., marked T 6 S R 4 W S 10 B T.

From this cor., cor. No. 2, Snowstorm No.15 lode, surv No. 3891, which is a stake, 1 ft. long, 2 ins. sq., set in mound of earth and stone, and marked "2" on NE. face, brs. N. 67° 30'W., 8.32 chs. dist. (Not Pat

81.69 Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 14 and 15 only, with brass cap marked

S 10

S15	S14
T6S	R4W

1926

From which

A juniper, 6 ins. diam., brs. S. 2°15'E., 306 lks dist., marked T 6 S R 4 W S 14 B T.

A juniper, 6 ins. diam., brs. S.53°45'W., 250 lks dist., marked T 6 S R 4 W S 15 B T.

Land, rolling hills and bench land.

Soil, rocky and gravelly loam; 3rd and 4th rate.

Timber, scattered juniper and pinon.

Undergrowth, medium growth of sagebrush. Fair growth of grass. Good grazing.

N. 89° 42'W., on resurvey line bet. secs. 10 and 15.

Over rolling bench land, through medium undergrowth and scattered timber.

RESURVEY OF

PORTION OF SUBDIVISION OF T. 6 S., R. 4 W.

Chains	
16.00	Leave timber, brs. SW. and NE.
20.97	Intersect line, 4-5, Snowstorm No.14 lode, survey No. 3890, S.20°20'E., 2 lks. dist. from cor. No. 5, identical with cor. No. 2, Snowstorm No.10 lode, survey No. 3892, which is a post, 4 ft. long, 4 ins. sq., set in mound of stone and marked 5-3890 on SE., and 2-3892 on NE. face.
38.64	Westing of 40.00 chs. from cor. of secs. 10 and 11.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 10, only, with brass cap marked
	¼ S10 / 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.
40.59	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 15 only, with brass cap marked
	¼ S15 / 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high S. of cor.
41.50	Old road, brs. NW. and SE.
76.00	Old road, brs. N. 85°E., and S. 85°W.
81.18	Proportionate distance.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 9, 10, 15 and 16, with brass cap marked
	T6S R4W S 9 | S10 S16 | S15 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

Chains

Land, rolling bench; gradual SW. slope.

Soil, rocky, sandy and gravel; 3rd rate.

Timber, scattered juniper and pinon on portion of mile

Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.

N. 3°,02'W., on resurvey line bet. secs. 9 and 10.

Over rolling bench land, through medium undergrowth.

3.00 Wash, 20 lks. wide, 3 ft. deep, course W.

38.20 Old road, brs. NW. and SE.

40.24 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone, for ¼ sec. cor., sec. 9 only, with brass cap marked

¼
S 9
1926

Deposit a limestone, 8 x 6 x 6 ins., marked by a cross (+), at base of post.

40.84 Southing of 40.00 chs. from closing cor. of secs. 3 and 10.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 18 ins. in mound of ston for ¼ sec. cor., sec. 10 only, with brass cap marked

¼
S 10
1926

Deposit a limestone, 6 x 6 x 6 ins., marked with a cross (+), at base of post.

59.74 Intersect line, 3-4, Layton No.5 lode, survey No.3379, S. 36° 20'E., 5.77 chs. dist. from cor. No.4, identical with cor. No.4, Douglas No.5, survey No. 3379, which is a post, 4 ft. long, 4 ins. sq., set in mound of stone, and marked 4-3379 on SE. and NE. faces.

Chains

69.50 Old road, brs. E. and W.

75.75 Wash, 30 lks. wide, 3 ft. deep, course W.

80.48 The cor. of secs. 3, 4, 9 and 10, which is a decayed stump of pine post in old mound of stone.

I remonument this cor. for secs. 4 and 9 only, as follows

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and 10 ins. in mound of stone for cor. of secs. 4 and 9 only, with brass cap marked

T6S
S 4 | S10
S 9
R4W

1926

Deposit a limestone, 6 x 4 x 4 ins., marked with cross (+), at base of post.

From this cor., cor. No. 1, Douglas No. 2 and cor. No.2 Douglas No. 3 lodes; cor. No. 1, Dayton No. 2 lode, and cor. No.2 Dayton No.3 lodes, which is a post, 4 ft. long, 4 ins. sq., marked 1-3358 on NE., and SE. face, and 2-3358 on SW. and NW. faces, brs. S. 76°28'E., 14.91 chs. dist. Cor. No.4 of Douglas No.4 lode; cor. No. 1 of Douglas No. 5 lode, survey No. 3358, identical with cor. No.4 Dayton No.4 lode, and cor. No. 1 Dayton No. 5 lode, survey No. 3358, which is a decayed stump of post, in mound of earth and stone, brs. S.0° 19'W., 14.39 chs. distance.

The above ties, nearly agree with the recorded ties stated in records of mineral survey No. 3358.

Land, rolling bench.

Soil, gravelly and rocky loam; 3rd and 4th rate.

No timber.

Undergrowth, medium growth of sagebrush; medium growth of grass. Good grazing.

Chains	
	N. 0° 24'W., on resurvey line along N. bdy. sec.
	Ascend gradually over rolling bench land, through medium undergrowth.
6.42	Point for closing cor. of secs. 3 and 10, subsequently established. See field notes of line bet. secs. 3 and 10.
35.20	Old road, brs. N. 60°W., and S. 60°E.
41.20	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 4 only, with brass cap marked
	¼ S 4 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.
46.42	Northing of 40.00 chs. from C.C. of secs. 3 and 10
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 3 only, with brass cap marked
	¼ S 3 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high E. of cor.
54.70	Old road, brs. N. 70°E., and S. 70°W.
63.00	Wash, 30 lks. wide, 4 ft. deep, course S.60°W.; enter scattered timber, brs. E. and W.; ascend gradually.
82.32	The standard cor. of secs. 3, 4, 33 and 34 on N. bdy. of Tp., heretofore described.
	Land, rolling bench; gradual SW. slope.
	Soil, sandy and gravelly loam; rocky; 3rd rate.
	Timber, scattered scrub juniper and pinon on portion of mile.
	Undergrowth, medium growth of sagebrush; medium growth of grass. Good grazing.

Chains

From the standard cor. of secs. 3, 4, 33 and 34, on N. bdy. T. 6 S., R. 4 W., heretofore described; thence

East, on random line along First Standard Parallel S., through R. 4 W., setting temp. ¼ sec. and sec. cors. at intervals of 40.00 chs., and at 248.73 chs., intersect W. bdy. T. 5 S., R. 3 W., N. 6.23 chs. dist. from standard SW. cor. of T. 5 S., R. 3 W., heretofore described.

At point of intersection

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground for closing standard cor. of Ts. 5 and 6 S., R. 4 W., with brass cap marked

SC
T5S
R4W
S36
CC
S 1
T6S
T5S
R3W
S31

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

From this cor., S., 4.39 chs. dist. on W. bdy. sec. 31, intersect line 4-5, Baltic lode, survey No. 3104, N. 89° 50' W., 7.91 chs. dist. from cor. No. 4, identical with cor. No. 25, Baltic No. 2 lode, survey No. 3166, which is a decayed stump of post in mound of earth and stone.

From this cor., S., 5.01 chs. dist. on W. bdy. sec. 31, intersect line 24-25, Baltic No. 2 lode, survey No. 3166, S. 85°40' W., 7.94 chs. dist. from cor. No. 25, identical with cor. No. 4, Baltic lode, survey No. 3104, above described.

From this standard closing cor. of Ts. 5 and 6 S., R. 4 W., thence

West, along S. bdy. sec. 36.

Ascend gradually over mountainous land, through a medium undergrowth.

4.00 Ridge, 25 ft. above standard closing cor., brs. N. 20° W., and S.20°E.; descend.

Chains	
11.23	Head of ravine, 30 ft. below ridge, course S. 85°W.; descend gradually along S. slope.
20.17	Intersect line, 22-23, Constitution lode, survey No. 3166, N.69° 37'E., 4.73 chs. dist., from cor. No. 22, which is a post, 4 ft. long, 4 ins. sq., set in mound of earth and stone, and marked 22-3166 on S. face.
25.00	Ravine, 50 ft. below ridge, course S.20°W.; ascend slightly along S. slope.
27.44	Intersect line, 1-2, Spar Mine lode (Am'd), survey No. 3129, N.23°56'E., 2.79 chs. dist. from cor. No. 2, which is a post, 4 ft. long, 4 ins. sq., set in mound of earth and stone, and marked 2-3129 on NW. face.
32.40	Intersect line, 2-3, Spar Mine lode (Am'd), survey No. 3129, N.56° 20'W., 4.61 chs. dist. from cor. No. 2.
37.00	Top of ascent, 10 ft. above ravine, slopes S.; descend gradually along S. slope; enter timber brs. NE. and S.
40.00	On S. slope, 30 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in mound of stone for standard ¼ sec. cor., with brass cap marked
	SC ¼ S 36 1926
	From which
	A mahogany, 4 ins. diam., brs. N.58°15'E., 19 lks. dist., marked ¼ S 36 SC BT.
	A pinon, 4 ins. diam., brs. N. 22°W., 105 lks. dist., marked ¼ S 36 S C BT.
69.00	Spur, 150 ft. below ¼ sec. cor., projects SW.; descend NW. slope.
78.70	Ravine, 310 ft. below spur, course SW.; ascend.
80.00	On SE. slope, 40 ft. above ravine.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and 10 ins. in mound of stone for standard cor. of secs. 35 and 36, with brass cap marked

Chains	
	SC T5S | R4W S35 | S36 1926
	From which
	A pinon, 8 ins. diam., brs. N.21°30'E., 45 lks. dist., marked T 5 S R 4 W S. 36 SC BT.
	A pinon, 6 ins. diam., brs. N.72°15'W., 71 lks. dist., marked T 5 S R 4 W S 35 SC BT.
	Land, mountainous.
	Soil, rocky, clay and sandy loam; 4th rate.
	Timber, scrub juniper and pinon on portion of mile.
	Undergrowth, medium growth of sagebrush and scattered mahogany; fair growth of grass. Good grazing.
	West, along S. bdy. sec. 35.
	Ascend SE. slope over mountainous land, through medium growth of timber and undergrowth.
13.00	Spur, 60 ft. above sec. cor., projects SW.; descend.
20.00	Ravine, 275 ft. below spur, course SW.; ascend.
28.00	Spur, 20 ft. above ravine, projects S. 30°W.; descend.
33.70	Ravine, 150 ft. below spur, course S. 30°W.; ascend.
36.70	Spur, 45 ft. above ravine, projects S. 30°W.; descend.
40.00	On NW. slope, 150 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 20 ins. in mound of stone for standard ¼ sec. cor., with brass cap marked
	SC ¼ S35 1926
	From which
	A pinon, 8 ins. diam., brs. N. 6°E., 46 lks. dist., marked ¼ S 35 SC BT.
	A pinon, 6 ins. diam., brs. N.46°30'W., 23 lks. dist., marked ¼ S 35 SC BT.
47.50	Ravine, 180 ft. below ¼ sec. cor., course S. 15°W.; ascend.
50.00	Spur, 60 ft. above ravine, projects S. 20°W.; descend.

Chains	
57.00	Head of ravine, 345 ft. below spur, course S. 20°W.; ascend.
64.00	Spur, 30 ft. above ravine, projects S. 30°W.; descend.
73.70	Ravine, 120 ft. below spur, course S. 85°W.; descend along S. slope.
80.00	On S. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for standard cor. of secs. 34 and 35, with brass cap marked

SC
T5S | R4W
S34 | S35

1926

From which

A juniper, 8 ins. diam., brs. N.27°30'E., 44 lks. dist., marked T 5 S R 4 W S 35 SC BT.

A juniper, 16 ins. diam., brs. N. 9°W., 63 lks. dist., marked T 5 S R 4 W S 34 SC BT.

Land, mountainous.

Soil, rocky clay and sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.

West, along S. bdy. sec. 34.

Ascend slightly along S. slope over mountainous land, through medium growth of timber and undergrowth.

7.00	Top of ascent, 10 ft. above sec. cor., slopes S.70°W.; descend NW. slope.
40.00	On NW. slope, 380 ft. below top of ascent.

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

SC
¼ S 34

1926

From which

Chains	
	A juniper. 3 ins. diam., brs. N. 44°15'E., 224 lks. dist., marked "BT" only.
	A juniper, 3 ins. diam., brs. N. 65°W., 165 lks. dist., marked "BT" only.
42.00	Old road, brs. NW. and SE.
42.28	Ravine, 10 ft. below ¼ sec. cor., course NW.; ascend.
45.00	Top of ascent, 20 ft. above ravine, slopes N.; descend.
55.30	Ravine, 70 ft. below top of ascent, course SW.; old road in ravine, brs. NE. and SW.; ascend.
66.00	Spur, 50 ft. above ravine, projects SW.; descend.
69.20	Ravine, 50 ft. below spur, course SW.; ascend.
75.00	Intersect line 3-4, Gold Coin lode, not patented, survey No. 3416, N.1° 05'E., 1.50 chs. dist. from cor. No. 4, which is a post, 4 ft. long, 4 ins. sq., set in mound of earth and stone and marked 4-3416 on N. face.
75.48	Intersect line 1-2, Edna May (Amd.) lode, survey No. 3381, N. 16°48'W., 15.22 chs. dist. from cor. No. 2, which is a post, 4 ft. long, 4 ins. sq., set in a mound of earth and stone and marked 2-3381 on NW. face.
77.00	Top of bench, 30 ft. above ravine, brs. N. 20°E., and S. 20°W.; descend gradually over broken bench land.
88.73	The standard cor. of secs. 3, 4, 33 and 34.
	Land, mountainous and rolling bench.
	Soil, rocky clay and sandy loam; 3rd and 4th rates.
	Timber, scrub juniper and pinon.
	Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.

SUBDIVISION OF T. 6 S., R. 4 W.

From the cor. of secs. 13 and 24 on E. bdy of Tp., heretofore described; thence

West, on true line bet. secs. 13 and 24, the cor. of secs, 13 and 24, on E. bdy. of sec. 14 being visible.

Descend over mountainous land, through scattered timber and medium undergrowth.

17.50	Ravine, 400 ft. below sec. cor., course SW.; ascend.
21.00	Low spur, 100 ft. above ravine, projects SW.; descend.
27.46	Intersect line 2-3, Ivanhoe lode, survey No. 4192, N.39°17'W., 4.88 chs. dist. from cor. No. 3, identical

Chains	
	with cor. No. 2, Coin lode, survey No. 4192, which is a decayed stump of post in mound of earth and ston
37.50	Wash, 15 lks. wide, 2 ft. deep, 300 ft. below spur, course N. 70°W.; thence descend gradually over rolling bench.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked ¼ S 13 / S 24 1926 From which A juniper, 4 ins. diam., brs. N.66°30'E., 258 lks. dist., marked ¼ S 13 B T. A juniper, 12 ins. diam., brs. S.,89°W., 272 lks. dist., marked ¼ S 24 B T.
48.17	Intersect line 37-38, Maggie Kelley lode, survey No. 3164, S. 33°20'E., 7.50 chs. dist., from cor. No. 38, identical with cor. No. 23, Esther lode, survey No. 3164, and cor. No. 2, Syndicate No. 1 lode, survey No. 3487, which is a decayed stump of post in mound of earth and stone.
53.80	Wash, 15 lks. wide, 5 ft. deep, course S.60°W.
85.07	The cor. of secs. 13 and 24.
	Land, mountainous and rolling bench.
	Soil, rocky, clay and sandy; 3rd and 4th rates.
	Timber, scattered scrub juniper and pinon.
	Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.
	———
	From the cor. of secs. 11, 12, 13 and 14.
	East, on random line bet. secs. 12 and 13.
40.00	Set temp. ¼ sec. cor.
79.86	Intersect E. bdy. of Tp., 71 lks. N. of the cor. of secs. 7 and 18, heretofore described.
	At point of intersection
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in

Chains	
	the ground to solid rock and 15 ins. in mound of stone for closing cor. of secs. 12 and 13, with brass cap marked

T6S S12 | T6S
CC ——— R3W
S13 | S 7
R4W

1926

From which

A juniper, 8 ins. diam., brs. S.66°45'W., 72 lks. dist., marked T 6 S R 4 W S 13 CC BT.

A juniper, 10 ins. diam., brs. N. 36°W., 100 lks. dist., marked T 6 S R 4 W S 12 CC BT.

Thence

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

Descend along S. slope over mountainous land, through medium growth of timber and under growth.

23.00 Slope changes from S. slope to N.

34.20 Ravine, 650 ft. below crossing sec. cor., course S. 66° W.; ascend.

39.93 On S. slope, 20 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

¼ S 12 / S 13

1926

From which

A juniper, 12 ins. diam., brs. N.8°30'E., 28 lks. dist., marked ¼ S 12 B T.

A juniper, 8 ins. diam., brs. S. 84°W., 50 lks. dist., marked ¼ S 13 B T.

45.00 Spur, 40 ft. above ¼ sec. cor., projects SW.; descend.

63.00 Head of ravine, 315 ft. below spur, course SW.; ascend.

69.00 Spur, 20 ft. above ravine, projects SW.; descend.

79.86 The cor. of secs. 11, 12, 13 and 14, 120 ft. below spur.

Land, mountainous.

Chains	
	Soil, rocky, clay and sandy loam; 3rd and 4th rate.
	Timber, medium growth of scrub juniper and pinon.
	Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.

	N. 0° 08'E., bet. secs. 11 and 12.
	Ascend over mountainous land, through medium growth of timber and undergrowth.
1.00	Spur, 5 ft. above sec. cor., projects W.; descend.
3.50	Ravine, 80 ft. below spur, course W.; ascend.
10.00	Spur, 150 ft. above ravine, slopes W.; descend.
18.20	Wash, 50 lks. wide, 3 ft. deep, in Mercur Canyon, 250 ft. below spur, course S. 60°W.; ascend.
18.60	Old road, brs. N. 60°E., and S. 60°W.
37.00	Top of ascent, 470 ft. above wash, slopes W.; descend.
40.00	On N.W. slope, 40 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S11 | S12 1926
	From which
	A pinon, 7 ins. diam., brs. S. 74°E., 29 lks. dist., marked ¼ S 12 B T.
	A pinon, 7 ins. diam., brs. S. 64°W., 70 lks. dist., marked ¼ S 11 B T.
48.30	Ravine, 70 ft. below ¼ sec. cor., course S. 60°W.; ascend.
61.00	Top of ascent, 30 ft. above ravine, slopes W.; descend.
63.00	Ravine, 30 ft. below spur, course S. 60°W.; ascend.
80.00	On spur, 430 ft. above ravine, projects S. 30°W.
	Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in growund to solid rock and 24 ins. in mound of stone, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

Chains	
	T6S | R4W S 2 | S 1 S11 | S12 1926
	From which
	A pinon, 7 ins. diam., brs. N. 15°E., 179 lks. dist., marked T 6 S R 4 W S 1 B T.
	A juniper, 5 ins. diam., brs. S. 21°E., 39 lks. dist., marked T 6 S R 4 W S 12 B T.
	A juniper, 14 ins. diam., brs. S. 4°W., 137 lks. dist., marked T 6 S R 4 W S 11 B T.
	A juniper, 4 ins. diam., brs. S. 21°15'W., 47 lks. dist., marked T 6 S R 4 W S 2 B T.
	Land, mountainous; drainage SW.
	Soil, rocky, clay and sandy loam; 4th rate.
	Timber, medium growth of scrub juniper and pinon.
	Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.
	East, on random line bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.76	Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs. 1 and 12, heretofore described.
	Thence
	S. 89° 58'W., on true line bet. secs. 1 and 12.
	Ascend over mountainous land, through scattering growth of timber and medium undergrowth.
3.80	Top of ascent, 135 ft. above sec. cor., slopes S.; descend.
9.30	Ravine, 270 ft. below top of ascent, course S.; ascend.
26.00	Spur, 420 ft. above ravine, slopes S.; descend.
33.30	Ravine, 200 ft. below spur, course S. 10°W.; ascend.
39.88	On SE. slope, 70 ft. above ravine.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S 1 / S 12 / 1926

Chains	
	From which
	A pinon, 16 ins. diam., brs. N. 45°W., 3 lks. dist., marked ¼ S 1 B T.
	A juniper, 5 ins. diam., brs. S. 24°W., 20 lks. dist., marked ¼ S 12 B T.
45.50	Spur, 100 ft. above ¼ sec. cor., projects SW.; descend
74.80	Ravine, 560 ft. below spur, course S. 20°W.; ascend.
79.76	The cor. of secs. 1, 2, 11 and 12.
	Land, mountainous; S. exposure.
	Soil, rocky, clay and sandy loam; 3rd and 4th rate.
	Timber, scattered scrub juniper and pinon.
	Undergrowth, medium growth of sagebrush; fair growth of grass. Good grazing.

	N. 0° 08'E., bet. secs. 1 and 2.
	Ascend gradually over mountainous land, through medium growth of timber and undergrowth.
4.50	Top of ascent, 50 ft. above sec. cor., slopes W.; thence along W. slope.
11.00	Head of ravine, 5 ft. below top of ascent, course S. 30° W.; ascend.
21.00	Spur, 360 ft. above ravine, projects S. 35°W.; descend.
23.50	Head of ravine, 10 ft. below spur, course W.; ascend.
28.00	Spur, 50 ft. above ravine, slopes W.; enter scattered mahogany, brs. E. and W.; descend.
33.00	Ravine, 125 ft. below spur, course W.; ascend.
38.00	Spur, 90 ft. above ravine, slopes W.; descend.
40.00	On W. slope, 25 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in mound of stone for ¼ sec. cor., with brass cap marked

¼

S 2 | S 1

1926

From which

A pinon, 6 ins. diam., brs. N. 20°W., 2 lks.

dist., marked "BT" only. Tree too scrubby for additional markings.

A mahogany, 6 ins. diam., brs. S. 10°W., 3 lks. dist., marked ¼ S 2 B T.

46.10 Ravine, 210 ft. below ¼ sec. cor., course W.; ascend.

59.00 Top of ascent, 145 ft. above ravine, slopes W.; descend.

60.80 Ravine, 60 ft. below top of ascent, course W.; ascend.

68.00 Spur, 170 ft. above ravine, course S. 60°W.; ascend.

73.00 Ravine, 60 ft. below spur, course SW.; ascend.

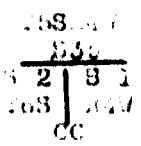
75.95 Intersect 1st. Stan. Par. S., 55 [illegible] W. of the standard cor. of secs. 35 and 36, heretofore described.

At point of intersection.

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

T5S [illegible]
S3[illegible]
S 2 | S 1
T6S | R4W
CC

1926



From which

A juniper, 5 ins. diam., brs. S. 53°1[illegible]'S., 31 lks. dist., marked T 6 S R 4 W S 1 CC BT.

A pinon, 16 ins. diam., brs. S. [illegible]7°W., 33 lks. dist., marked T 6 S R 4 W S 2 CC BT.

Land, mountainous; drainage W.

Soil, rocky, clay and sandy loam; 3rd and 4th rate.

Timber, medium growth of scrub juniper and pinon.

Undergrowth; medium growth of sagebrush on mile, and scattered growth of mahogany on portion of mile.

Fair growth of grass. Good grazing.

From the cor. of secs. 1, 2, 11 and 12; thence

West on random line bet. secs. 2 and 11.

40.00 Set temp. ¼ sec. cor.

80.00 Set temp. sec. cor.; thence

S. 0° 07'W., on random line bet. secs. 10 and 11.

Chains

40.00 Set temp. ¼ sec. cor.

67.28 Intersect E. and W. line, 10 lks. E. of cor. of secs. 10 and 11.

Thence from cor. of secs. 10 and 11.

N.0° 07'E., on true line bet. secs. 10 and 11.

Over rolling bench land, through scattered growth of timber and medium undergrowth.

3.60 Old road, brs. E. and W.

4.20 Wash, 30 lks. wide, 5 ft. deep, course W.

20.00 Old road, brs. NW. and SE.

30.00 Descend into ravine, brs. E. and W.

33.60 Ravine, 30 ft. deep, course W.; ascend.

47.26 On S.W. slope, 100 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼
S10 | S11
1926

From which

A pinon, 4 ins. diam., brs. S. 31°E., 13 lks. dist., marked ¼ S 11 B T.

A juniper, 4 ins. diam., brs. S. 50°W., 30 lks. dist., marked ¼ S 10 B T.

41.00 Spur, 20 ft. above ¼ sec. cor., projects W.; descend.

52.00 Ravine, 30 ft. below spur, course W.; ascend.

64.37 Intersect line, 2-3, Bucklin lode, survey No. 3342, N. 35°13'W., 3.31 chs. dist., from cor. No. 3, identical with cor. No. 4, Vanderbilt lode, survey No. 3342, which is a post, 4 ft. long, 4 ins. sq., set in mound of earth and stone, and marked 3-3342 on NW., and 4-3342 on SW. face.

68.00 Spur, 150 ft. above ravine, projects W.; descend.

81.00 Ravine, 90 ft. below spur, course W.; ascend.

73.72 Intersect line, 3-4, Black Horse No. 1 lode, survey No. 3494, N. 32°07'W., 7.27 chs. dist. from cor. No. 3, which is a post, 4 ft. long, 4 ins. sq., set in mound

Chains	
	of earth and stone, and marked 3-3494 on N. face.
83.00	Top of ascent, 150 ft. above ravine, slopes SW.; desc.
85.00	Ravine, 15 ft. below top of ascent, course SW.; ascend
87.28	On SE. slope, 20 ft. above ravine.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in ground to solid rock and 10 ins. in mound of stone, for cor. of secs. 2, 3, 10 and 11, with brass cap marked

T6S R4W
S 3 | S 2
S10 | S11

1926

From which

A juniper, 14 ins. diam., brs. N.70°15'E., 34 lks. dist., marked T 6 S R 4 W S 2 B T.

A juniper, 6 ins. diam., brs. S. 49°E., 76 lks. dist., marked T 6 S R 4 W S 11 B T.

A pinon, 8 ins. diam., brs. S. 54°W., 137 lks. dist., marked T 6 S R 4 W S 10 B T.

A juniper, 7 ins. diam., brs. N.34°45'W., 38 lks. dist., marked T 6 S R 4 W S 3 B T.

Land, rolling bench and hills; drainage W.

Soil, rocky, clay and sandy loam; 3rd and 4th rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, medium growth of sagebrush; medium growth of grass. Good grazing.

From the cor. of secs. 1, 2, 11 and 12.

West, bet. secs. 2 and 11, on sectional correction line.

Descend over mountainous land, through scattered growth of timber and medium undergrowth.

6.35	Ravine, 190 ft. below sec. cor., course S. 30°W.; asc.
23.00	Spur, 80 ft. above ravine, projects SW.; descend.
40.05	On NW. slope, 475 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and 20 ins. in mound of

Chains

stone, for ¼ sec. cor., with brass tag marked

¼ S 2 / S 11

1926

From which

A pinon, 5 ins. diam., brs. N. 20°E., 4 lks. dist., marked ¼ S 2 B T.

A juniper, 10 ins. diam., brs. S. 70°W., 24 lks. dist., marked ¼ S 11 B T.

43.25 Ravine, 115 ft. below ¼ sec. cor., course S. 60°W.; ascend.

44.40 Spur, 75 ft. above ravine, projects SW.; descend.

[illegible] Intersect line, 2-3, Black Horse No. 4 lode, survey No. 3494, N. 39° 12'W., 10.58 chs. dist. from cor. No. 3, which is a pine post, 4 ft. long, 4 ins. sq., set in mound of earth and stone, and marked 3-3494 on NW. face.

[illegible].60 Ravine, 160 ft. below spur, course SW.; ascend.

[illegible].10 The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.

Soil, rocky, clay and sandy loam; 3rd and 4th rate.

Timber, scattered growth of scrub juniper and pinon.

Undergrowth, medium growth of sagebrush; medium growth of grass. Good grazing.

West, bet. secs. 3 and 10, on sectional correction line.

Ascend over rolling hills, through scattered growth of of timber, and medium undergrowth.

[illegible].50 Spur, 15 ft. above sec. cor., projects SW.; descend.

[illegible].60 Ravine, 170 ft. below spur, course S. 50°W.; ascend.

[illegible].64 Intersect line, 1-7, Black Horse No. 23 lode, survey No. 3494, N. 37° 58'W., 3.92 chs. dist., from cor. No. 7, which is stump of decayed post in mound of earth and stone.

26.00 Spur, 60 ft. above ravine, projects SW.; descend.

37.55 Intersect line, 9-10, Chio lode, survey No. [illegible] 17'E., 8.25 chs., dist., from cor. No. [illegible]

Chains	
	with cor. No. 6, Indiana lode, survey No. 3190, which is decayed stump of post, in mound of earth and stone.
37.70	Ravine, 115 ft. below spur, course NW.; ascend.
40.00	On E. slope, 20 ft. above ravine.
	Set an iron post 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S 3 / S 10
	1926
	From which
	A pinon, 4 ins. diam., brs. N. 45°W., 29 lks. dist., marked ¼ S 3 B T.
	A pinon, 4 ins. diam., brs. S.77°30'E., 37 lks. dist., marked ¼ S 10 B T.
	From this cor., U.S. Mineral Monument No. 7, Camp Floyd Mining District, which is a juniper post, 6 ins. sq., extending 2 ft. above mound of stone, and marked U.S.M.M. No. 7, from which a pinon, 7 ins. diam., brs. S.66°15'E., 207 lks. dist., marked U.S.M.M. No. 7, BT; a juniper, 6 ins. diam., brs. S.40°30'W., 202 lks. dist. marked USMM No. 7 BT., brs. N. 27°10'W., 30.90 chs. distance.
40.50	Spur, 5 ft. above ¼ sec. cor., projects N.; leave timber, brs. N. and SW.; descend.
57.00	Old road, at foot of spur, 200 ft. below spur, brs. N. 30°W., and S. 30°E.; descend gradually over rolling bench land.
66.96	Intersect S. bdy. sec. 4, N.0° 24' E., 8.42 chs. dist. from cor. of secs. 4 and 9, heretofore described.
	At point of intersection
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for closing cor. of secs. 3 and 10, with brass cap marked

T6S
R4W
S 3
S4 ·6C
S10

1926

Chains

Raise a mound of stone, 2 ft. base, [illegible] cor.

Land, mountainous and rolling bench.

Soil, rocky, clay and sandy loam; 3rd and 4th rate.

Timber, scattered growth of scrub juniper and pinon on portion of mile.

Undergrowth, medium growth of sagebrush; medium growth of grass. Good grazing.

From the cor. of secs. 2, 3, 10 and 11.

N. 0° 07'E., bet. secs. 2 and 3.

Ascend over mountainous land, through medium growth of scrub juniper and medium undergrowth.

[illegible] Spur, 40 ft. above sec. cor., projects S. 30°W.; descend

15.50 Ravine, 45 ft. below spur, course SW.; ascend.

16.30 Spur, 60 ft. above ravine, projects W.; descend.

21.00 Ravine, 65 ft. below spur, course S. 80°W.; ascend.

21.50 Old road, brs. N. 80°E., and S. 80°W.

[illegible] Intersect line, 1-4, Black Horse No. 8 lode, survey No. 3494, S. 82° 09'W., 2.71 chs. dist., from cor. No. 4, which is a post, 4 ft. long, 4 ins. sq., set in mound of earth and stone. Post is badly decayed.

40.00 On S. slope, 270 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in ground to solid rock and 24 ins. in mound of stone, for ¼ sec. cor., with brass cap marked

¼

S 3 | S 2

1926

From which

A juniper, 8 ins. diam., brs. N. 36°E., 87 lks. dist., marked ¼ S 2 B T.

A juniper, 10 ins. diam., brs. N. 71°W., [illegible] lks. dist., marked ¼ S 3 B T.

51.00 Spur, 310 ft. above ¼ sec. cor., projects [illegible]

55.70 Head of ravine, 225 ft. below spur; [illegible] ascend.

Chains

[illegible] Spur, 150 ft. above ravine, projects W.; descend.

[illegible] Ravine, 150 ft. below spur, course S. 80°W.; ascend.

[illegible] Intersect 1st. Stand. Par. S., 85 lks. W. of standard cor. of secs. 34 and 35, heretofore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for closing cor. of secs. 2 and 3, with brass cap marked

T5SR4W
S 34

S 3 | S 2
T6S | R4W
CC
1926

From which

A juniper, 7 ins. diam., brs. S. 32°E., 214 lks. dist., marked T 6 S R 4 W S 2 CC BT.

A pinon, 5 ins. diam., brs. S. 33°W., 140 lks. dist., marked T 6 S R 4 W S 3 CC BT.

Land, mountainous; drainage W.

Soil, rocky, clay and sandy loam; 3rd and 4th rate.

Timber, medium growth of scrub juniper and pinon.

Undergrowth, medium growth of sagebrush. Med ium growth of grass. Good grazing.

LATITUDES, DEPARTURES AND CLOSING ERRORS, T.6 S., R. 4 W.

Line designated	Course	Dist. chs.	Latitudes N. chs.	Latitudes S. chs.	Departures E. chs.	Departures W. chs.
S.bdy. sec.24	N.89°38'W	80.61	.51			80.61
E.bdy. sec. 23	N.3° 13'W	81.64	81.51			4.58
E.bdy. sec. 14	N.3° 51'E	81.69	81.51		5.48	
N. bdy. sec.14	S.84°50'W	81.69		7.36		81.36
N.bdy. sec. 15	N.89°42'W	81.18	.43			81.18
E.bdy. sec. 9	N.3° 02'W	80.48	80.37			4.26
E.bdy. sec. 4	N.0° 24'W	82.32	82.32			.57
1st.Stan.Par.S.	East	248.73			248.73	
E. bdy. Tp.	South	6.23				
" " "	West	.70		6.23		.70
" " "	South	30.15		30.15		
" " "	S.0° 17'W	40.04		40.04		.20
" " "	S.0° 02'W	39.91		39.91		.02
" " "	S.0° 15'W	40.22		40.22		.18
" " "	South	162.95		162.95		
Convergency					0.14	
Totals			326.65	326.86	254.35	253.66
				326.65	253.66	
Error in lat. and dep.				0.21	0.69	

GENERAL DESCRIPTION, T. 6 N., R. 4 W.

Chains

The land of this fractional township [illegible] from [illegible] bench on W. portion to broken mountains along [illegible] ranging from 5500 ft. to 8000 ft. above sea level. The mountainous portion of township along E. bdy. is cut by deep ravines, the slopes of which are steep and abrupt, while through secs. 2, 3, 10 and 11, the land consists of rolling hills. The fractional township has a southwesterly exposure and the drainage is in a westerly and southwesterly direction.

The soil throughout this fractional township is rocky, and consists of a coarse sandy, gravelly and clay loam, and may be classed as 3rd and 4th rate. The soil supports a medium growth of sagebrush and grass which affords good grazing for stock.

There is a scattered and medium growth of scrub juniper and pinon pine, throughout the fractional township, which is of little commercial value.

No surface water was found on fractional township.

Numerous patented mineral claims are located on this fractional township, but at the time of the execution of this survey, no work was being done on the claims.

No indications of mineral, oil, oil shale or coal were noted during the execution of this survey.

The fractional township is traversed by numerous old roads which are in poor condition, but can be traveled by wagons.

No part of this fractional township is suitable for cultivation, the land being too rough and broken, but the fractional township is adapted for grazing, there being a good growth of grass and brush which affords good feed for stock.

The mean magnetic declination was found to be 16°E.

BOOK A-491

4—600
(August, 1898)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Sidney R. Reese	Chainman.
Perry Eliason	Chainman.
Hale Christensen	Cornerman.
Orvil Clark	Axeman.

6—3764

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~
CADASTRAL ENGINEER.

I, Ralph Gentry, U. S. Cadastral Engineer, ~~U. S. Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah and supp'l special instructions of the District Cadastral Engineer for District No. 6 bearing dates of the 31st and 27th day of September 1926, respectively day of March, 1924, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the resurvey of portion of the First Standard Parallel South, through R. 4 W.; portion of the east boundary and portion of subdivision of T. 6 S. R. 4 W.; and of the survey of portion of the First Standard Parallel South, through R. 4 W. and portion of subdivision of T. 6 S. R. 4 W. of the Salt Lake Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and the District Cadastral Engineer for District No. 6 and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah,
April 7, 1927.

Ralph Gentry
~~U. S. Surveyor~~
U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver Colorado, MAR 2 1937, 19

The foregoing field notes of the survey of of portion of the First Standard Parallel South through R. 4 W., and portion of subdivision T. 6 S., R. 4 W., and the resurvey of portion of First Standard Parallel South through R. 4 W., portion of the east boundary and portion of the subdivision of T. 6 S., R. 4 W., Salt Lake Base and Meridian

executed by Ralph Gentry, U. S. Cadastral Engineer

under his special instructions dated March 31, 1924, and Sept. 27, 1926, 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.~~

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Page

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Page

4—679

BOOK A-491

FIELD NOTES

RECEIVED
MAR 18 1930
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

OF THE ~~SURVEY OF THE~~

Dependent Resurvey

of First Standard Parallel South through R.3 W.,

portion of the north and east boundaries;

subdivision; retracement of portion of boundaries of mineral claims,

and the survey of West boundary and subdivision lines of T.5 S.,R.3 W.

Of the Salt Lake Base and *Meridian,*

n the State of Utah

EXECUTED BY

RALPH GENTRY

Cadastral Engineer

n the capacity of U. S. ~~*Surveyor*~~, *under instructions dated* March 31, *19*24
nd supplemental special instructions dated Sept. 27, 1926
and U.S. District Cadastral Engineer, respectively,
ssued by the United States Surveyor General to govern surveys included in

roup No. 157, *which were approved by the Commissioner of the General Land*
Oct. 7, 1926, respectively.
ffice, April 14, 1924 and ~~*19*~~, *pursuant to authority contained in the Act of*
ssignment instructions dated Sept. 27, 1926; supplemental assignment
ated Sept. 30, 1927, and supplemental assignment instructions dated
~~*ongress dated* , *19*~~ October. 1, 1928.

Survey commenced October 2, 1926, ~~*19*~~

Survey completed October 15, 1928, ~~*19*~~

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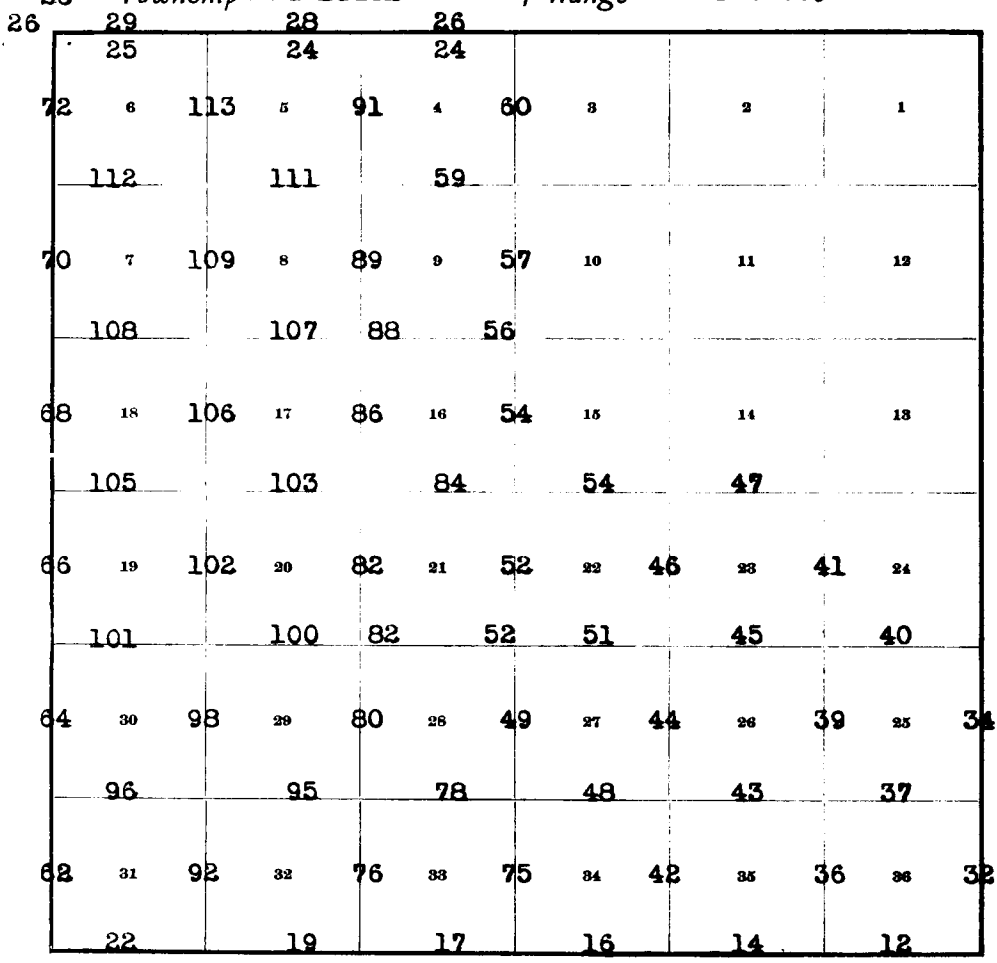
BOOK A 191

INDEX DIAGRAM.

26 *Township* 5 South , *Range* 3 West.



Retracement of Mineral Claim bdys. page 115.

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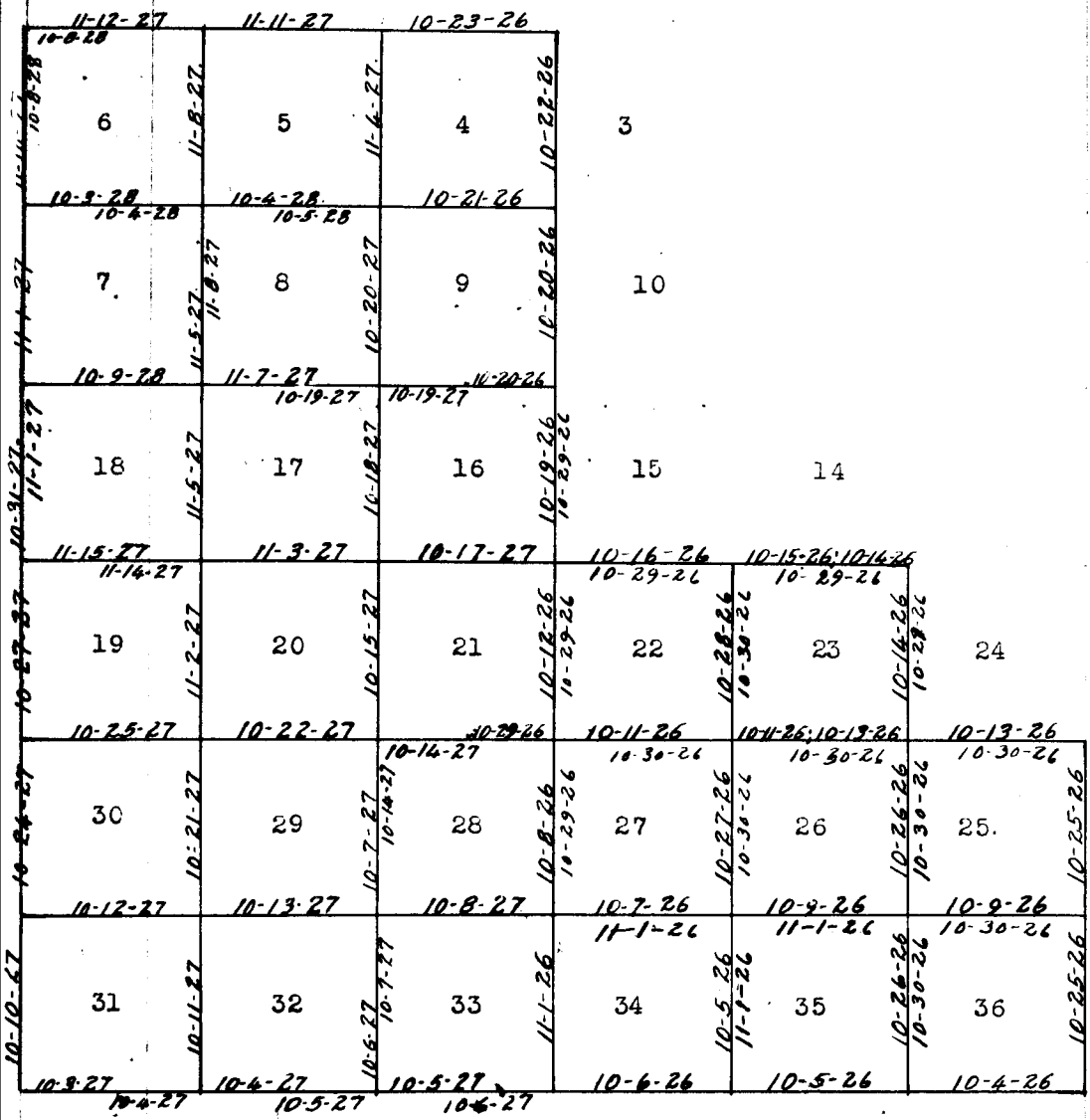
T. 5 S., R. 3 W., S. L.B. & Mer.

DATE DIAGRAM OF

T. 5 S., R. 3 W., S. L. B. & Mer.



Chains

Survey commenced October 2, 1926, and executed with a Buff and Buff solar transit No. 16725; the instrument is equipped with full vertical circle and Smith solar attachment; all azimuth determinations are accomplished with the solar attachment except the special observations upon Polaris upon which to test the solar apparatus as stated in these field notes.

The instrument was approved for use in this survey, conditional upon satisfactory field tests, by the District Cadastral Engineer for district No. 6, in assignment instructions dated September 27, 1926.

October 2, 1926, at my camp which is situated in the NW. ¼ of sec. 6, T. 6 S., R. 2 W., approximate longitude 112° 08'W., latitude 40° 20'N., I examine the adjustments of the instrument and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by observations made on Polaris as follows:

Oct. 2, 1926: at 6h 55.6m p.m., I observe Polaris at eastern elongation, making four observations; two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a stake driven firmly in the ground, 8 chs. N.

Azimuth of Polaris at eastern elongation = 1° 26'.

Oct. 3: I lay off the azimuth of Polaris, 1° 26' to the west, and mark the meridian thus determined, by a nail in a stake driven firmly in the ground, 8 chs.N.

At 9h a.m., app. t., I set off 40° 20' on the lat. arc; 3° 49'S., on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the lat. arc. unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 3° 52'S., which agrees with the computed declination of the sun.

Chains

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	45° 47' 30"
Reduced latitude,	40° 20' N.
Mean watch time of observation	12h 17m 45s
Watch fast of local mean time	0h 28m 31s.

At 3h p.m., app. t., with the lat. arc unchanged, I set off 3° 55'S., on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

Field work on T. 5 S., R. 3 W., was discontinued Nov. 1, 1926, and resumed Oct. 2, 1927. The survey was executed with Buff & Buff transit No. 16725 described above, and was approved for use in this survey, conditional upon satisfactory field tests, by the District Cadastral Engineer, district No. 6 in supplemental assignment instructions dated September 30, 1927.

Oct. 2, 1927, at my camp which is situated in the SE.¼ of sec. 13, T. 5 S., R. 4 W., approximate longitude 112° 14'W., latitude 40° 23'N., I examine the adjustments of the instrument and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by observations made on Polaris as follows:-

At 3h 30m p.m. app. t., I set off 40° 23' on the lat. arc; 3° 27'S. on the decl. arc, and determine a meridian with the solar, and note a tree which is on ridge about ½ mile to N. on this meridian.

At 6h 56.9m p.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each with

Chains

the telescope in direct and reversed positions, and mark the mean point in the line thus determined , on a stake driven firmly in the ground, 7 chains N.

Oct. 3, 1927: I lay off the azimuth of Polaris, 1° 25½' to the west, and note that the meridian thus determin agrees with the meridian determined with the solar.

At 10h a.m., app. t., I set off 40° 23' on the lat. arc; 3° 45'S., on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

Field work on T. 5 S., R. 3 W., was again suspended on Nov. 15, 1927, and resumed Oct. 2, 1928. Buff & Buff transit No. 16725 described above was again used which transit was approved, conditional upon satisfactory field tests, by the District Cadastral Engineer, District No. 6, in supplemental assignment instructions dated Oct. 1, 1928.

Oct. 2, 1928, at my camp which is situated in SE¼ of sec. 13, T. 5 S., R. 4 W., approximate longitude 112° 14'W., latitude 40° 23'N., I examine the adjustments of the instrument and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by observations made on Polaris as follows:-

At 3h p.m. app. t., I set off 40° 23' on the latitude arc; 3° 44'S., on the decl. arc: and determine a meridian with the solar, noting a tree which is on ridge about ½ mile to the N. in this meridian.

At 6h 54.3m p.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined , on a stake driven firmly in the ground 8 chains N.

Oct. 3, I lay off the azimuth of Polaris, 1° 25' to the west, and note that the meridian thus determined agrees with the meridian established with the solar.

At 8h a.m., app. t., I set off 40° 23' on the lat. arc; 4° 00'S., on the decl. arc and determine a meridian with the solar which I find to agree with the true meridian.

The solar apparatus by a.m. and p.m. observations defines positions for meridians that agree with the meridian established by observations made on Polaris, and I conclude that the adjustments of the instrument are satisfactory.

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

MEASUREMENTS

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

METHOD AND ORDER OF PROCEDURE.

The First Standard Parallel South through R. 3 W., forming the S. bdy. of T. 5 S., R. 3 W., was retraced and all the original cors. found in place, excepting the standard ¼ sec. cor. on the S. bdy. of sec. 36, and the standard cor. of secs. 35 and 36. These missing cors. were restored by single proportionate measurement. Westerly from the standard cor. of secs. 33 and 34, defective measurements being found, new standard cors. were established at intervals of 40 and 80 chs. with the fractional measurement placed in the W. ½ mile of S. bdy. of sec. 31, and the old standard cors. were marked as angle points.

The S. 2 miles of the E. bdy. was retraced and all the cors. found in place. These cors. were remonumented with the regulation iron posts.

Chains

The W. three miles of the N. bdy. was retraced and the ¼ sec. cors. between secs. 5 and 32, and 6 and 31, and the cor. of Ts. 4 and 5 S., Rs. 3 and 4 W., were found missing. The missing township cor. was restored from three points of control. The missing ¼ sec. cors. were restored by single proportionate measurements, and were marked to refer to secs. in T. 4 S., R. 3 W. only, a ¼ sec. cor. on N. bdy. of sec. 5 being set at point 40.00 chs. easting from the closing cor. of secs. 5 and 6, and a ¼ sec. cor. on N. bdy. sec. 6 being set at 40.00 chs. westing from the closing cor. of secs. 5 and 6.

Retracements of portions of the previously surveyed subdivisional lines disclosed that extensive obliteration existed and that the topographical features did not agree with the records along the lines of the S. 3 miles of the 1st and 2nd meridional lines; along the 3rd meridianal line from the cor. of secs. 27, 28, 33 and 34 to the ¼ sec. cor. between secs. 15 and 16, and also along the E. three miles of the 1st and 2nd latitudinal lines, therefore a dependent resurvey was made of these lines. The remaining surveyed subdivisional lines were found to be in good condition and were not resurveyed.

Search was made along portions of the old Fort Crittenden Military Reservation Bdy., which extends through this township, for old cors., but none could be found.

The cors. of secs. 27, 28, 33 and 34; 13, 14, 23 and 24; 14, 15, 22 and 23, and the ¼ sec. cor. bet. secs. 15 and 16 which were found in place, together with the cors. found on the E. and S. bdys. of Tp., formed the control points from which the missing cors. of secs. 25, 26, 35 and 36 and of secs. 26, 27, 34 and 35 were restored by double proportionate measurement, and

also from which the missing cors. of secs. 23, 24, 25 and 26; 22, 23, 26 and 27; 21, 22, 27 and 28, and 15, 16, 21 and 22 were restored by the three point control method. The missing ¼ sec. cors. were restored by single proportionate method.

North along the 3rd meridional line from the ¼ sec. cor. bet. secs. 15 and 16, all the cors. were found in place except the ¼ sec. cor. bet. secs. 3 and 4, which was restored by single proportionate measurement. The cor. of secs. 4, 5, 8 and 9, and the ¼ sec. cors. bet. secs. 4 and 9, and bet. secs. 9 and 16 were found in place. The cor. of secs. 4, 5, 8 and 9 being defective in position relative to the secs. to the W., was remonumented to refer to secs. 4 and 9 only. The ¼ sec. cor. bet. secs. 21 and 28 was missing, and was restored at the record position from the restored cor. of secs. 21, 22, 27 and 28.

The unsurveyed portion of T. 5 S., R. 3 W., was completed as follows:-

The W. bdy. was projected N. from the standard SW. cor. of T. 5 S., R. 3 W. to an intersection with the S. bdy. of sec. 31, T. 4 S., R. 3 W., at which point a closing cor. for T. 5 S., Rs. 3 and 4 W. was set. Counting from the SW. cor. of T. 5 S., R. 3 W., cors. were established at intervals of 40 and 80 chs. for R. 3 W., only, and from the standard closing cor. of Ts. 5 and 6 S., R. 4 W., cors. were established at intervals of 40 and 80 chs. for R. 4 W. only, fractional distances being placed against the N. bdy.

The survey of sec. 34 was completed by a line connecting the stand. cor. of secs. 33 and 34 and the cor. of secs. 27, 28, 33 and 34. The length of this line being within the prescribed limits, the ¼ sec. cor. common to secs. 33 and 34 was established at mid-point.

Chains	Minutes
	The survey of sec. 4 was completed by projecting a li from the cor. of secs. 4 and 9 to the cor. of secs. 4, 5, 32 and 33 on N. bdy. of Tp., with the ¼ sec. cor. sec. 4 only, set at proportionate distance, and the ¼ sec. cor. sec. 5 only set 40.00 chs. northing from the cor. of secs. 5 and 8.
	The SW. cor. of sec. 9 was established at point of intersection of a line projected S. from the cor. of secs. 4 and 9, with a line projected W. from the ¼ sec. cor. bet. secs. 9 and 16. On the S. bdy. of sec. 9, the original ¼ sec. cor. was renumbered to refer to sec. 9 only, and a ¼ sec. cor. for sec. 16 was set at point 40.00 chs. easting from the closing cor. of secs. 8 and 16. On the W. bdy. of sec. 9, the ¼ sec. cor. for sec. 9 was set at mid-point bet. the SW. cor. of sec. 9 and the cor. of secs. 4 and 9 and the ¼ sec. cor. sec. 8 was set 40.00 chs. northi from the cor. of secs. 8 and 17.
	The fourth meridional line was extended N. from the stand. cor. of secs. 32 and 33, to an intersection with the S. bdy. of sec. 9, where a closing cor. for secs. 8 and 16 was set. Along this line, the ¼ sec. cor. common to secs. 32 and 33 was set at 40.00 chs. and the cor. of secs. 28, 29, 32 and 33 was set at 80.00 chs. Counting from the cor. of secs. 28, 29, 32 and 33, ¼ sec. and sec. cors. for secs. to the W. only were established at intervals of 40 and 80 chs.
	On the line bet. secs. 28 and 33 a ¼ sec. cor. pertaini to sec. 33 was set at 40 chs. easting from the cor. of secs. 28, 29, 32 and 33, and a ¼ sec. cor. for sec. 28 was set at 40 chs. westing from the cor. of 27, 28, 33 and 34.
	From the restored ¼ sec. cor. bet. secs. 21 and 28, a line was projected W. to an intersection with the E. bdy. of sec. 20, at which point a closing cor. for secs. 21 and 28 was set. On the E. bdy. of sec. 29

Chains

at a point 40 chs. southing from the closing cor. of secs. 21 and 28 the ¼ sec. cor. for sec. 28 was set, and the ¼ sec. cor. for sec. 21 was set on E. bdy. of sec. 20 at a point 40. chs. northing from the closing cor. of secs. 21 and 28.

From the restored cor. of secs. 15,16, 21 and 22, the line between secs. 16 and 21 was projected W. to an intersection with the E. bdy. of sec. 17, with ¼ sec. cor. for sec. 21 set at 40 chs. west from the cor of secs. 15, 16, 21 and 22, and the ¼ sec. cor. for sec. 16 set 40 chs. east from the closing cor. of secs. 16 and 21. The ¼ sec. cor. between secs. 15 and 16 was remonumented to refer only to sec. 15 and a ¼ sec. cor. referring to sec. 16 was set 40 chs. northing from the cor. of secs. 15, 16, 21 and 22. On the E. bdy. of sec. 17, a ¼ sec. cor. referring to only sec. 16 was set at a point 40 chs. northing from the closing cor. of secs. 16 and 21.

The remaining portion of the township was surveyed in the regular manner, from S. to N., and from E. to W., with the fractional distances placed against the W. and N. bdys. A closing cor. for secs. 5 and 6 was established at the point of intersection of the line bet. secs. 5 and 6 with the N. bdy. of the township.

Numerous patented mineral claims are located in this township, the cors. of which were found to be in poor condition, in many instances only a mound of earth and stone with a decayed stump of post being all the evidence found of the cor. In all cases where a doubt existed as to the identification of the mineral claim cor to which a tie was made, the lines of the mineral claim were retraced and connections made to a mineral claim cor. that could be identified.

Chains	
	RANDOM LINES
	From the standard cor. of T. 5 S., Rs. 2 and 3 W., hereinafter described; thence
	West, on retracement line along S. bdy. of sec. 36.
40.00	No evidence of the standard ¼ sec. cor. found.
80.00	No evidence of the standard cor. of secs. 35 and 36 could be found.
	Continue west on retracement line along 1st. Standard Parallel S. through R. 3 W., with continuous measurement.
119.73	Fall 55 lks. S. of the standard ¼ sec. cor. on S. bdy. sec. 35, hereinafter described.
	The course of the line from the standard cor. of T. 5 S., Rs. 2 and 3 W., to the standard ¼ sec. cor. on S. bdy. sec. 35, therefore is N. 89° 44' W., and the proportionate length of each half mile is 39.91 chs.
	From the standard ¼ sec. cor. on S. bdy. sec. 35.
	West on retracement line along S. bdy. of sec. 35.
40.19	Intersect the standard cor. of secs. 34 and 35, hereinafter described.
	The course of this half mile, therefore is W., and the distance is 40.19 chs.
	From the standard cor. of secs. 34 and 35.
	West on retracement line along S. bdy. of sec. 34.
39.93	Fall 8 lks. N. of the standard ¼ sec. cor. on S. bdy. of sec. 34, hereinafter described.
	The course of this half mile therefore is S.89° 53' W., and the distance is 39.93 chs.
	From the standard ¼ sec. cor. on S. bdy. of sec. 34.
	West, on retracement line along S. bdy. of sec. 34.
38.59	Fall 30 lks. S. of the standard cor. of secs. 33 and 34, hereinafter described.

Chains	
	The course of this half mile therefore is N. 89° 33' W., and the distance is 38.59 chs.
	From the standard cor. of secs. 33 and 34.
	West on retracement line along S. bdy. of sec. 33.
16.10	Fall 6 lks. S. of the closing cor. of sec. 33 established on Fort Crittenden Military Reservation Boundary, and which is also the closing cor. of secs. 3 and 4, T. 6 S., R. 3 W., as hereinafter described.
	The course of this line therefore is N. 89° 47' W., and the distance is 16.10 chs.
	From the above closing cor.
	West on retracement line along S. bdy. of sec. 33.
24.69	Fall 9 lks. S. of the standard 1 sec. cor. on S. bdy. of sec. 33, hereinafter described.
	The course of this line therefore is N. 89° 47' W., and the dist. is 24.69 chs.
	From the standard 1 sec. cor. on S. bdy. of sec. 33.
	West on retracement line along S. bdy. of sec. 33.
40.61	Fall 5 lks. N. of the standard cor. of secs. 32 and 33, hereinafter described.
	The course of this half mile, therefore is S. 89° 56' W., and the distance is 40.61 chs.
	From the standard cor. of secs. 32 and 33.
	West on retracement line along S. bdy. of sec. 32.
41.04	Intersect the standard ¼ sec. cor. on S. bdy. of sec. 32, hereinafter described.
	The course of this half mile therefore is W., and the distance is 41.04 chs.
	From the standard ¼ sec. cor. on S. bdy. of sec. 32.
	West, on retracement line along S. bdy. of sec. 32.
38.96	Fall 3 lks. N. of the standard cor. of secs. 31 and 32,

Chains

hereinafter described.

The course of this half mile therefore is S. 89° 57'W.
and the distance is 38.96 chs.

From the standard cor. of secs. 31 and 32.

West on retracement line along S. bdy. of sec. 31.

40.32 Fall 7 lks. S. of the standard ¼ sec. cor. on S. bdy. of sec. 31, hereinafter described.

The course of this half mile therefore is N. 89° 54'W.
and the distance is 40.32 chs.

From the standard ¼ sec. cor. on S. bdy. of sec. 31.

West on retracement line along S. bdy. of sec. 31.

41.28 Fall 4 lks. S. of the standard SW. cor. of T. 5 S., R. 3 W., as described in the field notes of the survey of T. 6 S., R. 4 W., of this group.

The course of this half mile therefore is N. 89° 57'W.,
and the distance is 41.28 chs.

DEPENDENT RESURVEY OF
FIRST STANDARD PARALLEL SOUTH THROUGH R. 3 W.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY
ROBERT GORLINSKI, U.S. DEPUTY SURVEYOR
IN 1887 AND 1892.

True lines.

From the standard cor. of T. 5 S., Rs. 2 and 3 W., which is a sandstone, 30 x 16 x 12 ins., firmly set in mound of stone, and marked 6 notches on N., S., E. and W. edges, alongside of which

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground for standard cor. of T. 5 S., Rs. 2 and 3 W., with brass cap marked

SC
T5S
R3W | R2W
S36 | S31

1926

From which

Chains	
	A juniper, 4 ins. diam., brs. N. 26° E., 10 lks. dist., marked "BT" only.
	A juniper, 4 ins. diam., brs. N.75°30'W., 69 lks. dist., marked "BT" only.
	Thence
	N. 89° 44'W., on true line along S. bdy. of sec. 36.
	Ascend gradual E. slope over rolling land, through scattered growth of scrub timber and a medium undergrowth.
2.90	Wash, 20 lks. wide, 5 ft. deep, course SE.
11.90	Stream of clear water, 3 lks. wide, 3 ins. deep, in wash 30 lks. wide, 3 ft. deep, course NE.; ascend SE. slope over mountainous land.
13.42	Intersect the closing cor. of T. 6 S., Rs. 2 and 3 W., which is a sandstone, 12 x 8 x 5 ins., above the ground, firmly set and marked 6 notches on E., W. and S. faces, and CC on S. face. Cor. is surrounded by a mound of stone, 3 ft. base, 8 ins. high.
30.00	Top of ascent, 520 ft. above standard Tp. cor., slopes SE.; thence along S. slope.
39.91	Proportionate distance.
	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 standard ¼ sec. cor., with brass cap marked

SC
¼ S 36
1926

	Deposit a limestone, 6 x 4 x 4 ins., marked with a cross (X) at base of post.
	No suitable bearing trees available.
40.10	Ravine, course SE.; ascend E. slope.

DEPENDENT RESURVEY OF
FIRST STANDARD PARALLEL SOUTH THROUGH R. 3 W.

Chains	
48.30	Spur, 380 ft. above standard ¼ sec. cor., projects SE.; descend SW. slope.
59.25	Head of ravine, 10 ft. below spur, course S., ascend E. slope.
63.50	Spur, 300 ft. above ravine, projects S. 20° W., descend W. slope.
70.10	Ravine, 185 ft. below spur, course SW.; ascend SE. slope.
79.82	On SE. slope, 60 ft. above ravine.

Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone for standard cor. of secs. 35 and 36, with brass cap marked

SC
T5S R3W
S35 S36

1926

From which

A juniper, 4 ins. diam., brs. N.12°45'E., 96 lks. dist., marked "BT" only.

A juniper, 16 ins. diam., brs. N. 50°W., 170 lks. dist., marked T 5 S R 3 W S 35 SC BT.

Land, mountainous; drainage SE. and SW.

Soil, rocky, sandy and clay loam; 4th rate.

Timber, scattered growth of scrub juniper and pinon.

Undergrowth, medium growth of sagebrush and scattered oak and mahogany brush.

Good grazing.

N.89° 44'W., on true line along S. bdy. sec. 35.

Ascend SE. slope over mountainous land, through scattered scrub timber and medium undergrowth.

3.75	Spur, 40 ft. above standard sec. cor., projects SW.; descend NW. slope.

Chains	
13.75	Ravine, 335 ft. below spur, course SW.; ascend.
24.80	Spur, 300 ft. above ravine, projects S.; descend.
34.50	Ravine, 65 ft. below spur, course S. 15°E.; ascend.
39.50	Spur, 120 ft. above ravine, projects SW.; descend.
39.91	The standard ¼ sec. cor., which is a limestone, 24 x 12 x 6 ins., set in mound of stone and marked SC ¼ on N. face

Along side of cor. monument.

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

SC
¼ S 35

1926

Deposit a limestone, 6 x 7 x 4 ins., marked with a cross (+) at base of post.

Thence

West, on true line along S. bdy. of sec. 35, with continuous measurement.

51.00	Ravine, 400 ft. below spur, course S. 30°W.; ascend.
55.00	Top of ascent, 40 ft. above ravine, slopes SW.; descend.
62.00	Wash, 50 lks. wide, 6 ft. deep, in bottom of canyon, 90 ft. below top of ascent, course S. 30°E.; ascend.
66.60	Old road, crs. NW. and SE.
80.10	The standard cor. of secs. 34 and 35, which is a sandstone, 20 x 14 x 6 ins., set in mound of stone, and marked 2 notches on E., 4 notches on W. edge, and SC on N. face.

Alongside of cor. monument.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and 15 ins. in mound of stone for standard cor. of secs. 34 and 35, with brass cap marked

SC
T5S | R3W
S34 | S35

1926

Deposit a sandstone, 6 x 4 x 4 ins., marked with a cross

Chains	
	(+), at base of post.
	Land, mountainous; S. exposure.
	Soil, rocky, sandy and clay loam; 3rd and 4th rate.
	Timber, scattered scrub juniper and pinon.
	Undergrowth, medium growth of sage and oak brush.
	Good grazing.

	S. 89° 53'W., on true line along S. bdy. sec. 34.
	Ascend over mountainous land, through dense undergrowth.
23.00	Top of ascent, 525 ft. above standard sec. cor., slopes NE.; descend along steep N. slope.
33.00	Foot of descent, 50 ft. below top of ascent, drains N.; ascend gradually.
39.93	The standard ¼ sec. cor., which is a sandstone, 12 x 8 x 4 ins., set in mound of stone, and marked SC ¼ on N. face.
	Along side of cor. monument.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for standard ¼ sec. cor., with brass cap marked
	SC ¼ S 34 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
	Thence,
	N. 89° 33'W., on true line along S. bdy. sec. 34, with continuous measurement.
41.60	Wash, 50 lks. wide, 10 ft. deep, in ravine, course N. 60°E.; ascend steep SE. slope.
60.00	Wash, 15 lks. wide, 4 ft. deep, course SE.; ascend steep E. slope.
61.50	Enter dense aspen timber, brs. NW. and SE.
64.00	Leave aspen, brs. NW. and SE.
78.52	On ridge, 1175 ft. above standard ¼ sec. cor., brs. N. 20°W., and S. 20°E.

Chains

The standard cor. of secs. 33 and 34, which is a limestone, 14 x 8 x 5 ins., set in mound of stone, and marked 3 notches on E. and W. edges, and SC on N. face.

Alongside of cor. monument.

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

SC
T5S | R3W
S33 | S34

1926

Deposit a sandstone, 8 x 5 x 6 ins., marked with a cross (+) at base of post.

Land, mountainous; E. exposure.

Soil, rocky, sandy and clay loam; 3rd and 4th rate.

Timber, aspen on portion of mile.

Undergrowth, dense growth of oak and sage brush.

Good grazing.

N. 89° 47'W., on true line along S. bdy. of sec. 33.

Descend along S. slope over mountainous land, through medium undergrowth.

12.00 Head of ravine, 65 ft. below sec. cor., course SW.; ascend.

16.10 Top of ascent on ridge, slopes S. 60°W.; 50 ft. above ravine, and brs. N. 60°E.

The closing cor. of sec.33,T.5S.,R3W.established on Fort Crittenden Military Reservation Boundary, and which is also the closing cor. of secs, 3 and 4, T. 6 S., R. 3 W. This cor. is a sandstone, 20 x 12 x 4 ins., above the ground, firmly set and marked, 3 notches on E. and W. edges, and SC CC on S. face. Cor. is not witnessed.

Thence

N. 89° 47'W., along S. bdy. of sec. 33, with continuous measurement.

Chains	
	Descend steep NW. slope.
34.40	Wash, 15 lks. wide, 3 ft. deep, 600 ft. below closing cor., course S. 80°W.; descend W. slope.
40.00	On W. slope, 60 ft. below wash.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for standard ¼ sec. cor., sec. 33, with brass cap marked
	SC ¼ S 33 1927
	Raise a mound of stone, 3 ft. base, 2 ft. high N. of post.
40.79	The original standard ¼ sec. cor. of sec. 33, which is a sandstone, 10 x 8 x 8 ins., above the ground, firmly set and marked ¼ on N. face. Cor is set in mound of stone. I destroy the marks on this cor., and mark same AP on N. face for angle point .
	Thence
	S. 89° 56'W., along S. bdy. of sec. 33, with continuous measurement.
44.10	Ravine, 15 ft. below ¼ sec. cor., course SW.; ascend SE. slope.
54.50	Spur, 80 ft. above ravine, projects SW.; descend NW. slope.
64.20	Ravine, 240 ft. below spur, course SW.; ascend.SE.slope
65.88	Intersect line 5-6, Scribner lode, survey No. 3260, S. 49°04'W ., 2.21 chs. dist. from cor. No. 5, which is a pine post, 4 ins. sq., 4 ft. long, firmly set in the ground and marked 5-3260 on W. face.
68.50	Top of ascent, 55 ft. above ravine, slopes S.; descend gradually along S. slope.
79.85	The closing cor. of secs. 4 and 5, T. 6 S., R. 3 W., which is a limestone, 8 x 6 x 6 ins., above the ground, firmly set and marked 2 notches on W., 4 notches on E. edges, and CC on S. face. Cor.monument is witnessed by a mound of stone, 2 ft. base, 1 ft.

Chains	
	high to the S.
80.00	On spur, 100 ft. below top of ascent, projects S.60° W.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for standard cor. of secs. 32 and 33, with brass cap marked
	SC T5S | R3W S32 | S33 1927
	Deposit a limestone, 6 x 4 x 4 ins., marked with a cross (X) at base of post.
	Land, mountainous; W. exposure.
	Soil, rocky, sandy and clay loam; 3rd and 4th rate.
	Timber, none.
	Undergrowth, service berry, oak and sage brush.
	Good grazing land.

	S. 89° 56' W., on true line along S. bdy. of sec. 32.
	Descend NW. slope over mountainous land, through dense undergrowth.
1.40	The original cor. of secs. 32 and 33, which is a limestone, 12 x 10 x 6 ins., above the ground, firmly set and marked 2 notches on W., and 4 notches on E. edge, and SC on N. face. Cor. is witnessed by a mound of stone, 2 ft. base, 1 ft. high to the N.
	I destroy the marks on this cor. pertaining to secs. 32 and 33, and mark same AP on N. face for angle point.
	Thence
	West, along S. bdy. of sec. 32, with continuous measurement.
7.18	Intersect line 4-5 of Scribner No. 2 lode, survey No. 3271, N.63°39'E., 6.36 chs. dist. from cor. No. 4 which is a pine post, 4 ins. sq., 5 ft. long, firmly set in the ground and marked 4-3271 on SE face.
11.10	Ravine, 230 ft. below sec. cor., course SW.; ascend.

Chains	
13.50	Top of ascent, 30 ft. above ravine, brs. SW. and NE.; descend gradually over SW. slope.
14.04	Intersect line 7-8 of Mormon Girl lode, survey No.3092, S.22°50'E., 10.26 chs. dist from cor. No. 7, which is a pine post, 4 ins. sq., 5 ft. long, firmly set in the ground and marked 7-3092 on S. face.
17.00	Ravine, 30 ft. below top of ascent, course S. 30°W., ascend.
18.00	Top of ascent, 30 ft. above ravine, brs. N.30°E., and S.30°W.; thence along rolling S. slope.
33.50	Wash, 10 lks. wide, 2 ft. deep, course S. 15°E., trail along wash, brs. N.15°W., and S.15°E.; ascend.
40.00	On E. slope, 150 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for standard ¼ sec. cor., with brass cap marked
	SC ¼ S 32 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
40.86	Intersect line 1-4 of Gray Boll No. 2 lode, survey No. 3102, N.34° 58'W., 3.98 chs. dist. from cor. No. 4, identical with cor. No. 6, Gray Boll No. 1 lode, survey No. 3102, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone, and marked 4-3102 on N., and 6-3102 on E. face.
41.06	Intersect line 2-3 of Ajax lode, survey No. 3193, N.38° 58'W., 20 lks. dist. from cor. No. 2, identical with cor. No. 4, Grand View lode, survey No. 3193, which is a pine post, 4 ins. sq., 4 ft. long, set in mound of stone, and marked 2-3193 on NW., and 4-3193 on SW. face.
42.44	The original standard ¼ sec. cor. on S. bdy. of sec. 32, which is a limestone, 10 x 8 x 8 ins., above the

Chains	
	ground, firmly set and marked ¼ SC on N. face. Cor. is witnessed by a mound of stone, 2 ft. base, 1 ft. high to the N.
	I destroy the marks on this cor., and mark same AP on N. face for angle point.
	Thence
	S. 89° 57'W., along S. bdy. of sec. 32, with continuous measurement.
48.00	Top of ascent on N. side of knoll, 80 ft. above ¼ sec. cor., slopes N.; descend NW. slope.
52.50	Intersect line 1-5, Ajax lode, survey No. 3193, S. 38° 18'E., 9.00 chs. dist. from cor No. 5, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 5-3193 on SE. face.
56.72	Intersect line 17-18, Grand Central lode, survey No. 3106, not patented, S. 22° 31'E.,12.59 chs. dist. from cor. No. 18, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 18-3106 on SW. face.
65.53	Intersect line 16-19, Grand Central lode, survey No. 3106, not patented, S. 28° 33'E., 9.55 chs. dist. from cor. No. 19, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 19-3106 on SE. face.
69.73	Intersect line 11-12, Hecla No. 3 lode, survey No. 3079, S.14°01'E., 10.17 chs. dist. from cor. No. 11, which is a decayed stump of pine post in center of mound of stone.
73.85	Old telephone line, brs. N. and S. (Abandoned)
74.25	Old road, brs. N. and S.
74.50	Wash, 30 lks. wide, 6 ft. deep, in canyon, 560 ft. below top of ascent, course S.; descend E. slope.
80.00	On E. slope, 180 ft. above canyon.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for the standard corr. of secs. 31 and 32,

Chains

with brass cap marked

SC
T5S | R3W
S31 | S32

1927

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.

Land, mountainous.

Soil, rocky, clay and sandy loam; 3rd rate.

No timber.

Undergrowth, dense growth of oak and service berry brush and scattered sagebrush.

Good grazing.

S. 89° 57'W., on true line along S. bdy. of sec. 31.

Ascend E. slope over mountainous land, through dense undergrowth.

1.02 The closing cor. of secs. 5 and 6, T. 6 S., R. 3 W., which is a sandstone, 18 x 8 x 3 ins., set in mound of stone and marked 1 notch on W., and 5 notches on E. edge, and CC on N. face.

1.40 The original cor. of secs. 31 and 32, which is a sandstone, 18 x 9 x 9 ins., set in mound of stone, and marked SC on N. face, 1 notch on W., and 5 notches on E. edge.

I destroy the marks on this cor., and mark same on N. face, AP for angle point.

Thence

N. 89° 54'W., along S. bdy. of sec. 31, with continuous measurement.

12.02 Intersect line 17-18, Maine lode, survey No. 5180, N. 45° 48'W., 2.78 chs. dist. from cor. No. 17, which is a decayed stump of pine post in center of mound of stone. This cor. is identical with cor. No. 15, Seal No. 2 lode, survey No. 3180, and cor. No. 7, Annapolis lode, survey No. 3184.

Chains	
13.00	Spur, 340 ft. above sec. cor., projects S.30°E.; desc.
13.54	Intersect line 6-7, Annalopis No.3 lode, survey No. 3184, N. 61° 02'W., 4.01 chs. dist. from cor. No. 7, which is identical with cor. No. 17, Maine lode, and cor. No. 15, Seal No. 2 lode, survey No. 3180, above described.
25.50	Ravine, 200 ft. below spur, course S.; ascend SE. slope
40.00	On SE. slope, 130 ft. above ravine.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for standard ¼ sec. cor., with brass cap marked
	SC ¼ S 31 1927
	Raise a mound of stone, 2 ft. base, 1½ ft. high N. of post.
41.72	The original standard ¼ sec. cor. on S. bdy. sec. 31, which is a sandstone, 15 x 7 x 6 ins., set in mound of stone and marked SC ¼ on N. face.
	I destroy the marks on this cor., and mark same on N. face, AP for angle point.
	Thence
	N. 89° 57'W., along S. bdy. of sec. 31, with continuous measurement.
44.00	Top of ascent, 20 ft. above ¼ sec. cor., slopes S.; thence along S. slope.
54.00	Wash, 30 lks. wide, 5 ft. deep, course SE.; ascend.
62.15	Intersect line 5-8, Rover lode, survey No. 3089, N. 3° 45'E., 1.18 chs. dist. from cor. No. 5, identical with cor. No. 4, Rover Mine No.3, survey No. 3089, which is a decayed stump of pine post in old mound of stone.
63.10	Intersect line 2-3, Friday lode, survey No. 3103, N. 5° 20'E., 4.91 chs. dist. from cor. No. 3, which is a decayed stump of pine post in center of mound of stone.

Chains	
65.00	Leave oak and service berry brush, brs. NW. and S.
83.00	The standard SW. cor. of T. 5 S., R. 3 W., which is an iron post, 3 ft. long, 3 ins. diam., set, marked and witnessed as described in the notes of T. 6 S., R. 4 W., surveyed under this group.
	Cor. stands on ridge, 560 ft. above wash, brs. W. and SE.
	Land, mountainous.
	Soil, rocky, clay loam; 3rd rate.
	No timber.
	Undergrowth, dense growth of oak and service berry brush and scattered sagebrush.

RETRACEMENT FOR RESURVEY OF
PORTION OF NORTH BOUNDARY OF T. 5 S., R. 3 W.
RANDOM LINES.

	From the cor. of secs. 3, 4, 33 and 34, on N. bdy. of T. 5 S., R. 3 W., hereinafter described.
	Thence
	West, on retracement line bet. secs. 4 and 33.
39.39	Fall 47 lks. N. of the ¼ sec. cor., hereinafter described.
	The course of this half mile therefore is S. 89° 19'W., and the distance is 39.39 chs.
	From the ¼ sec. cor.
	West on retracement line bet. secs. 4 and 33.
40.01	Fall 85 lks. N. of the cor. of secs. 4, 5, 32 and 33, hereinafter described.
	The course of this half mile therefore is S. 88° 47'W., and the distance is 40.02 chs.
	From the cor. of secs. 4, 5, 32 and 33.
	West on retracement line bet. secs. 5 and 32.
14.30	No evidence of wit. closing cor. of secs. 5 and 32, established at intersection with the Fort Crittenden

[illegible] RETRACEMENT FOR RESURVEY OF

PORTION OF NORTH BOUNDARY OF T. 5 S., R. 3 W.

Chains	
and [illegible]	Military Reservation Boundary.
40.00	No evidence of the ¼ sec. cor. found.
79.00	Fall 12 lks. N. of the cor. of secs. 5, 6, 31 and 32, hereinafter described.
	The course of this mile therefore is S. 89° 55' W., and the proportionate length of each half mile is 39.95 chs.
	From the cor. of secs. 5, 6, 31 and 32.
	West on retracement line bet. secs. 6 and 31.
40.00	No evidence of the ¼ sec. cor. found.
107.15	No evidence of cor. of Ts. 4 and 5 S., Rs. 3 and 4 W. found. Set temp. cor.
	Continue west on retracement line bet. secs. 1 and 36, on S. bdy. T. 4 S., R. 4 W., with continuous measurement, and at
145.42	Fall 182 lks. S. of the ¼ sec. cor. bet. secs. 1 and 36, which is a limestone, 10 x 8 x 6 ins., above the ground, firmly set and marked ¼ on N. face. Cor. is witnessed by a balsam, 8 ins. diam., which brs. S.12° W., 25 lks. dist. marked ¼ 6 1 B T.
	From the temp. cor. of Ts. 4 and 5 S., Rs. 3 and 4 W.
	North on retracement line bet. secs. 31 and [illegible], along E. bdy. T. 4 S., R. 4 W.
42.25	Fall 118 lks. W. of the ¼ sec. cor. bet. secs. 31 and 36, which is a quartzite, 10 x 8 x 6 ins., above the ground, firmly set and marked ¼ on W. face, from which a pine, 6 ins. diam., brs. S.10° E., 75 lks. dist. marked ¼ S 36 B T.
	Restoring the cor. of Ts. 4 and 5 S., Rs. 3 and 4 W., at proportionate dist. bet. the cor. of secs. 5, 6, 31 and 32, N.bdy. T. 5 S., R. 3 W., and the ¼ sec. cor. bet. secs. 1 and 36, S.bdy. T.4 S., R.4 W., and at record dist. from ¼ sec. cor. bet. secs. 31 and 36, on W. bdy. T.4 S., R.4 W., the course of the line bet. the cor. of secs. 5, 6, 31 and 36 and the restored Tp. cor.

Chains | antent

is N. 88° 47'W., and the proportionate length of the E. half mile is 39.54 chs., and of the W. half mile 66.37 chs.; the course of the line bet. the restored Tp. cor. and the ¼ sec. cor. bet. secs. 1 and 36, S. bdy. T. 4 S., R. 4 W. is S. 89° 23'W., and the proportionate length is 39.53 chs.; the course of the line bet. the restored Tp. cor. and the ¼ sec. cor. bet. secs. 31 and 36, E. bdy. T. 4 S., R. 4 W., is N. 0° 07'W., and the length is 40.00 chs.

DEPENDENT RESURVEY OF
PORTION OF NORTH BOUNDARY OF T. 5 S., R. 3 W.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY ROBERT GORLINSKI IN 1887 and A.J.STEWART JR. IN 1896.

TRUE LINES.
Gorlinski Survey

From the cor. of secs. 3, 4, 33 and 34, on N. bdy. of Tp., which is an old mound of stone, 3 ft. E. of which was found a limestone, 8 x 6 x 4 ins., marked 3 notches on one edge. The cor. monument has been broken, pieces of which were found E. of the old mound of stone, one piece being marked as described.

At point in center of old mound of stone.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and 15 ins. in a mound of stone for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T4S	R3W
S33	S34
S 4	S 3

T5S

1926

Deposit a limestone, 6 x 6 x 4 ins., marked with a cross (X) at base of post.

Thence

S. 89° 19'W., on true line bet. secs. 4 and 33.

Ascend E. slope over mountainous land, through dense undergrowth.

DEPENDENT RESURVEY OF
PORTION OF NORTH BOUNDARY OF T. 5 S., R. 3 W.

Chains	
12.75	Spur, 80 ft. above sec. cor., projects S. 20°E., descend SW. slope.
18.90	Ravine, 135 ft. below spur, course S. 40°E.; ascend steep E. slope.
25.00	Enter scattered aspen timber, brs. NW. and SE.
39.39	The ¼ sec. cor. bet. secs. 4 and 33, which is a limestone, 12 x 10 x 6 ins., set in mound of stone and marked ¼ on N. face, along side of which
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and 15 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S 33 / S 4
	1926
	From which
	An aspen, 10 ins. diam., brs. S. 4° W., 97 lks. dist., marked ¼ S 4 B T.
	No other suitable bearing tree available.
	Cor. stands on steep E. slope, 500 ft. above ravine.
	Thence
	S.88° 47'W., on true line, with continuous measurement.
53.00	Leave timber, brs. NW. and SE.
67.50	Slope changes to the NE.
79.41	On spur, 1540 ft. above ¼ sec. cor., slopes S.80°E.
	The cor. of secs. 4, 5, 32 and 33, which is a limestone, 20 x 12 x 8 ins., set in mound of stone and marked 4 notches on E., and 2 notches on W. edge, alongside of which
	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock and 16 ins. in a mound of stone for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T4S	R3W
S32	S33
S 5	S 4

T5S

1926

Chains	
	Land, rough and mountainous with steep slopes; drainage to the SE.
	Soil, shallow rocky clay loam; 3rd and 4th rates.
	Timber, scattered aspen on portion of mile.
	Undergrowth, dense sage and medium growth of scrub oak brush.
	Good grazing land.

	S. 89° 55'W., on true line along S. bdy. sec. 32, T. 4 S., R. 3 W.
	Ascend along N. slope over mountainous land through medium undergrowth.
14.30	No evidence of the wit. cor. to closing cor. of secs. 5 and 32 could be found; end of Gorlinski survey. Stewart Survey
14.40	Top of ridge and divide, 200 ft. above sec. cor., brs. S.50°E., and N.50°W.; descend S. slope.
30.00	Head of draw, 325 ft. below ridge, course S. 60°W.; ascend gradually along steep S. slope.
39.18	On S. slope, 50 ft. above head of draw.
	Point 40.00 chs. easting from the closing cor. of secs. 5 and 6, T. 5 S., R. 3 W.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone for ¼ sec. cor., sec. 5 only, with brass cap marked
	¼ S 5 / 1927
	Deposit a limestone, 8 x 6 x 6 ins., marked with a cross (X) at base of post.
39.95	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone for ¼ sec. cor., sec. 32 only, with brass cap marked

DEPENDENT RESURVEY OF

PORTION OF NORTH BOUNDARY OF T. 5 S., R. 3 W.

Chains

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

1927

Deposit a limestone, 9 x 6 x 5 ins., marked with a cross (X) at base of post.

46.50 Spur, slopes S.75°W.; descend steep NW. slope.

59.00 Enter aspen timber, brs. N. and S.

79.18 Point for closing cor. of secs. 5 and 6, T. 5 S., R. 3 W.; for description of cor. see notes of line bet. secs. 5 and 6.

79.90 The cor. of secs. 5, 6, 31 and 32, which is a quartzite 12 x 12 x 3 ins., above the ground, firmly set and marked 1 notch on W., and 5 notches on E. edge. No evidence of the bearing trees could be found.

I remonument this cor. for secs. 31 and 32, T. 4 S., R. 3 W. only as follows.

Alongside of cor. monument 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 for cor. of secs. 31 and 32, only, with brass cap marked

T4S | R3W
S31 | S32
S 6
T5SR3W

1927

From which

An aspen, 7 ins. diam., brs. N.42°30'E., 27 lks. dist., marked T 4 S R 3 W S 32 BT.

No suitable bearing tree available to NW.

Land, mountainous: steep slopes: drainage SE. and SW.

Soil, shallow rocky clay; 3rd rate.

Timber, aspen on portion of mile.

Undergrowth, medium growth of sagebrush.

Good grazing land.

N.88° 47'W., on true line along S. bdy. sec. 31, T. 4 S., R. 3 W.

Descend over mountainous land, through medium growth

Chains	
	of timber and scattered undergrowth.
7.75	Bottom of canyon, 220 ft. below sec. cor., course S. 15°W.; ascend E. slope.
15.70	Leave timber, enter medium undergrowth.
20.40	Point of spur, 200 ft. above canyon, slopes S.; descend S.W. slope.
22.60	Enter timber, brs. N. and S.
27.50	Ravine, 150 ft. below spur, course S. 30°E.; ascend E. slope.
34.60	Leave timber, brs. N. and S.
39.29	Testing of 40.00 chs. from closing cor. of secs. 5 and 6, T. 5 S., R. 3 W.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone for ¼ sec. cor., sec. 6 only, with brass cap marked
	¼ S 6 / 1928
	Deposit a limestone, 4 x 3 x 3 ins., marked with a cross (X) at base of post.
39.54	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and 10 ins. in a mound of stone for ¼ sec. cor., sec. 31 only, with brass cap marked
	¼ S 31 / 1928
	Deposit a limestone, 5 x 4 x 4 ins., marked with a cross (X) at base of post.
	Cor. stands on E. slope, 460 ft. above ravine.
41.25	Spur, 490 ft. above ravine, projects S.; descend steep W. slope.
58.80	Ravine, 525 ft. below spur, course S.; ascend E. slope.
64.50	Point of spur, 160 ft. above ravine, slopes S.; descend

Chains	
	SW. slope.
70.00	Bottom of canyon, 250 ft. below point of spur, course S. 10°E.; ascend E. slope entering scattered timber, brs. N. and S.
82.02	The closing cor. of Ts. 5 S., Rs. 3 and 4 W., subsequently established at this point, for description of which see the notes of W. bdy. of this book of notes.
84.50	Leave scattered timber, brs. N. and S.
93.60	Spur, 575 ft. above canyon, slopes SE.; thence along S. slope.
101.30	Head of draw, course S. 20°E.; ascend SE. slope.
104.00	Top of high ridge and divide, 50 ft. above head of draw, brs. N. and S.; descend W. slope.
105.91	Proportionate distance.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground for cor. of T. 4 S., Rs. 3 and 4 W., with brass cap marked

T4S
R4W | R3W
S36 | S31
S 1
T5SR4W

1928

Raise a mound of stone, 2½ ft. base, 2 ft. high N. of post.

Cor. stands on W. slope, 40 ft. below top of ridge.

Land, mountainous with steep slopes: drainage S. and S. exposure.

Soil, rocky mountain loam: 2nd and 3rd rate.

Timber, aspen on portions of mile.

Undergrowth, medium and dense growth of sage, oak, service and chokecherry brush.

Excellent grazing land.

RETRACEMENT OF
PORTION OF EAST BOUNDARY OF T. 5 S., R. 3 W.

Chains	
	RANDOM LINES.
	From the standard cor. of T. 5 S., Rs. 2 and 3 W., hereto fore described; thence
	North on retracement line bet. secs. 31 and 36.
40.86	Fall 32 lks. W. of the ¼ sec. cor., hereinafter described
	The course of this half mile therefore is N.0° 27'E., and the distance is 40.86 chs.
	From the ¼ sec. cor.
	North on retracement line bet. secs. 31 and 36.
40.51	Fall 45 lks. W. of the cor. of secs. 25, 30, 31 and 36, hereinafter described.
	The course of this half mile therefore is N.0° 38'E., and the distance is 40.51 chs.
	From the cor. of secs. 25, 30, 31 and 36.
	North on retracement line bet. secs. 25 and 30.
42.01	Fall 208 lks. W. of the ¼ sec. cor., hereinafter described.
	The course of this half mile therefore is N.2° 50'E., and the distance is 42.06 chs.
	From the ¼ sec. cor.
	North on retracement line bet. secs. 25 and 30.
39.95	Fall 114 lks. E. of the cor. of secs. 19, 24, 25 and 30, hereinafter described.
	The course of this half mile therefore is N.1° 38'W., and the distance is 39.96 chs.

DEPENDENT RESURVEY OF
PORTION OF EAST BOUNDARY OF T. 5 S., R. 3 W.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY JOSEPH TROSKOLAWSKI IN 1856; A.J. STEWART JR. IN 1873, AND ROBERT GORLINSKI IN 1887.

TRUE LINES.

From the standard cor. of T. 5 S., Rs. 2 and 3 W.

Thence

N.0° 27'E., on true line bet. secs. 31 and 36.

Ascend gradually over rolling land, through medium growth of young timber and medium undergrowth.

Chains	
9.80	Stream of clear water, 4 lks. wide, 3 ins. deep, in ditch, course N.80°E.
14.40	Wash, 30 lks. wide, 3 ft. deep, course S.80°E., ascend.
22.20	Stream of clear water, 4 lks. wide, 3 ins. deep, in ditch, course S.30°E.
24.00	Low spur, 120 ft. high, projects E.; descend gradually.
32.00	Old road, brs. E. and W.
40.86	The ¼ sec. cor., which is a sandstone, 16 x 12 x 8 ins., set in mound of stone and marked ¼ on W. face, alongside which
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S36 | S31 1926
	From which
	A juniper, 4 ins. diam., brs. S.48°30'E., 34 lks. dist., marked "BT" only.
	A juniper, 4 ins. diam., brs. N. 61° W., 23 lks. dist., marked "BT" only.
	Thence
	N. 0° 38'E., on true line with continuous measurement.
44.60	Wash, 20 lks. wide, 3 ft. deep, 40 ft. below spur, course E.; ascend.
54.60	Top of ascent, 150 ft. above wash, slopes E.; descend.
67.00	Wash, 20 lks. wide, 4 ft. deep, 70 ft. below spur, course S. 40° E.; leave timber, brs. NW. and SE.; thence over rolling bench.
73.00	Wash, 50 lks. wide, 4 ft. deep, course SE.
81.20	Old road, brs. NW. and SE.
81.37	The cor. of secs. 25, 30, 31 and 36, which is a cobble-stone, 16 x 12 x 8 ins., set in mound of stone, and marked 1 notch on S., and 5 notches on N. edge, alongside of which
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and 20 ins. in a mound of

Chains	
	stone, for cor. of secs. 25, 30, 31 and 36, with brass cap marked
	T5S R3W | R2W S25 | S30 S36 | S31 1926
	Deposit a sandstone, 7 x 6 x 4 ins., marked with a cross (X) at base of post.
	Land, rolling and broken hills; E. exposure.
	Soil, rocky, sandy and clay loam; 3rd and 4th rates.
	Timber, medium growth of young juniper on portion of mile.
	Undergrowth, medium growth of sagebrush.
	Good grazing land.

	N. 2° 50'E., on true line bet. secs. 25 and 30.
	Over rolling bench land, through a medium undergrowth
14.00	Old road, brs. NW. and SE.
22.60	Wash, 30 lks. wide, 2 ft. deep, course S.80°E.
28.40	Wash, 40 lks. wide, 2 ft. deep, course S. 75°E.
35.00	Old road, brs. NW. and SE.
37.80	Wash, 50 lks. wide, 4 ft. deep, course S. 70°E.
42.06	The ¼ sec. cor., which is a sandstone, 16 x 12 x 8 ins., set in mound of stone and marked ¼ on W. face, alongside of which
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S25 | S30 1926
	Deposit a sandstone, 6 x 5 x 5 ins., marked with a cross (X) at base of post.
	Thence
	N. 1° 38'W., on true line with continuous measurement.
47.30	Wash, 30 lks. wide, 2 ft. deep, course SE.

Chains

56.90 Wash, 20 lks. wide, 3 ft. deep, course SE.

75.80 Wash, 30 lks. wide, 4 ft. deep, course S.40°E.; enter medium growth of scrub timber, brs. NW. and SE.; ascend.

82.02 The cor. of secs. 19, 24, 25 and 30, which is a cobble-stone, 16 x 10 x 6 ins., set in mound of stone and marked 2 notches on S., and 4 notches on N. edge, alongside of which

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock and 14 ins. in a mound of stone for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T5S
R3W | R2W
S24 | S19
S25 | S30
1926

From which

A juniper, 6 ins. diam., brs. N. 28° E., 28 lks. dist., marked "BT" only.

A juniper, 6 ins. diam., brs. S. 73° E., 21 lks. dist., marked "BT" only.

A juniper, 6 ins. diam., brs. S. 40° W., 5 lks. dist., marked "BT" only.

A juniper, 6 ins. diam., brs. N. 76° W., 87 lks. dist., marked "BT" only.

The above bearing trees are too scrubby for additional markings.

This cor. stands in fence line bearing E. and W.

Land, rolling bench; drainage SE.

Soil, rocky, sandy and clay loam; 3rd and 4th rate.

Timber, medium growth of scrub juniper on portion of N. half mile.

Undergrowth, medium growth of sagebrush.

Good grazing land.

Chains	
	REESTABLISHMENT OF SURVEYS EXECUTED BY J. TROSKOLAWSKI IN 1856, AND ROBERT GORLINSKI, U.S. DEPUTY SURVEYOR IN 1887.
	TRUE LINES.
	From the reestablished standard cor. of secs. 35 and 36, heretofore described.
	Thence
	North, on true line bet. secs. 35 and 36.
	Ascend SE. slope over mountainous land, through a scattered growth of scrub timber, and a medium undergrowth.
5.00	Spur, 150 ft. above standard cor., projects SW.; thence along W. slope.
22.00	Head of ravine, 50 ft. above spur, course S. 40°W.; leave timber, brs. E. and W; ascend SW. slope.
28.00	Ridge, 290 ft. above head of ravine, brs. NW. and SE.; descend steep NE. slope.
39.50	Ravine, 100 ft. below ridge, course S. 80°E., ascend S. slope.
40.39	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S35 | S36 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.
	Bor. stands on S. slope, 25 ft. above ravine.
49.50	Spur, 180 ft. above ravine, projects E.; descend N. slope.
66.65	Ravine, 580 ft. below spur, course S. 80°E.; ascend SE. slope.
80.78	Proportionate distance.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in

Chains

the ground for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T5S R3W	
S26	S25
S35	S36

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.

Cor. stands on steep and rocky SE. slope, 175 ft. above ravine.

Land, mountainous: steep slopes; drainage to the SW. and E.

Soil, shallow rocky clay and mountain loam; 3rd and 4th rates.

Timber, scattered growth of scrub juniper and pinon on portion of S. half mile.

Undergrowth, medium growth of sage, oak and service brush.

Good grazing land.

From the cor. of secs. 25, 30, 31 and 36 on E. bdy. of Tp., heretofore described.

Thence

S. 89° 50' W., on true line bet. secs. 25 and 36.

Over rolling bench land, sloping to the SE., through a scattered growth of scrub timber and a medium undergrowth.

0.15 Old road, brs. NW. and SE.

4.85 Wash, 50 lks. wide, 10 ft. deep, course S. 30°E.

12.00 Foot of spur, brs. NW. and SE.; ascend SE. slope.

21.00 Leave timber, brs. N. and S.

Chains	
27.00	Spur, 400 ft. above sec. cor., projects N. 65° E.; descend NW. slope.
37.00	End of Troskolawski survey.
40.22	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and 12 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S 25 / S 36
	1926
	Deposit a limestone, 10 x 4 x 3 ins., marked with a cross (X) at base of post.
	Cor. stands on NW. slope 30 ft. below spur.
	From this cor. the old ¼ sec. cor. monument, which is a sandstone, 18 x 14 x 12 ins., marked ¼ on one face, was found lying in bottom of ravine, N. 20° W., 60 lks. dist. The cor. monument had evidently rolled from its original position, which position is on steep NW. slope. The stone monument marked ¼ was placed alongside of the iron post which was set for the ¼ sec. cor.
42.00	Wash in ravine, 10 ft. below ¼ sec. cor., course N. 80° E.; ascend SE. slope.
80.44	The cor. of secs. 25, 26, 35 and 36, 900 ft. above ravine.
	Land, rolling bench and mountainous; E. exposure and and drainage.
	Soil, rocky clay and sandy loam; 3rd and 4th rate.
	Timber, a scattered growth of scrub juniper on portion of E. half mile.

Chains	
	Undergrowth, medium growth of sage, oak and service brush.
	Good grazing land.

	N. 0° 41' E., on true line bet. secs. 25 and 26.
	Ascend SE. slope over mountainous land, through a medium growth of sage and oak brush.
4.50	Spur, 60 ft. above sec. cor., projects N. 85°E., descend NE. slope; entering scattered growth of maple brush, brs. E. and W.
21.20	Ravine, 400 ft. below spur, course N. 80°E., ascend S. slope.
35.90	Spur, 200 ft. above ravine, projects N. 70° E., descend N. slope.
40.39	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	½ S26 | S25 1926
	From which
	A maple, 4 ins. diam., brs. S. 65°E., 6 lks. dist., marked "BT" only.
	A maple, 4 ins. diam., brs. N. 45° W., 26 lks. dist., marked "BT" only.
	Cor. stands on N. slope, 120 ft. below spur.
41.10	Ravine, 5 ft. below ¼ sec. cor., course N. 30°E., thence along E. slope.
50.00	Ravine, course E.: ascend S. slope.
61.00	Top of ascent, 240 ft. above ravine, slopes E.; descend NE. slope.
66.00	Ravine, 70 ft. below top of ascent, course SE.; ascend.
78.00	Spur, 200 ft. above ravine, projects E.; descend N. slope

Chains	
80.78	Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. i the ground to solid rock and 12 ins. in a mound of stone for cor. of secs. 23; 24, 25 and 26, with bra cap marked

T5S	R3W
S23	S24
S26	S25

1926

Deposit a limestone, 6 x 4 x 3 ins., marked with a cross (X) at base of post..

Cor. stands on N. slope, 40 ft. below spur.

Land, mountainous; drainage E.

Soil, rocky clay and sandy loam; 3rd and 4th rate.

No timber.

Undergrowth, medium growth of sage and oak brush on mile and scattered growth of maple on portion of mile.

Good grazing land.

Troskolawski survey.

From the cor. of secs. 19, 24, 25 and 30 on E. bdy. of Tp., heretofore described; thence

S. 89° 11' W., on true line bet. secs. 24 and 25.

Descend over rolling land, through a scattered growth of scrub timber and a medium undergrowth.

9.00	Wash, 40 lks. wide, 4 ft. deep, 30 ft. below sec. cor., course S. 50° E.: ascend gradually.
26.50	Wash, 30 lks. wide, 2 ft. deep, in ravine 2 chs. wide, 20 ft. deep, course SE.: leave timber, brs. N. and S.
34.00	Ravine, 3 chs. wide, 20 ft. deep, course SE.
35.00	End of Troskalawski survey
40.25½	Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 20 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

¼ S 24 / S 25

1926

Chains	
	Deposit a limestone, 6 x 5 x 4 ins., marked with a cross at base of post.
41.00	Wash, 5 lks. wide, 2 ft. deep, course S. 20°E.; ascend over mountainous land.
42.75	Old road, brs. N. 30°W., and S. 30°E.
60.00	Spur, 340 ft. above ¼ sec. cor., slopes S. 80°E., from S. 80°W.; thence ascend along N. slope.
80.51	The cor. of secs. 23, 24, 25 and 26, 360 ft. above spur.
	Land, rolling bench on E. half mile and mountainous on W. half mile.
	Soil, rocky clay and sandy loam; 4th rate.
	Timber, scrub juniper and pinon on portion of E. half mile.
	Undergrowth, medium growth of sage and oak brush.
	Good grazing.
	N. 0° 30'E., on true line bet. secs. 23 and 24.
	Descend N. slope over mountainous land, through dense undergrowth.
8.75	Old road, brs. N. 60°E., and S. 60°W.
10.00	Ravine, 200 ft. below sec. cor., course N. 70°E.; ascend.
36.00	Top of ascent, 460 ft. above ravine, slopes SE.; desc.
40.39	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and 16 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S23 | S24 1926
	Deposit a limestone, 10 x 4 x 4 ins., marked with a cross at base of post.
	Cor. stands at foot of descent, 40 ft. below top of ascent, drains E.; thence along E. slope.
50.00	Spur, 30 ft. above ¼ sec. cor., projects N. 70°E.; desc.

Chains	
66.00	Old road, brs. E. and W.
69.50	Wash, 30 lks. wide, 3 ft. deep, in ravine, 230 ft. below spur, course N. 80°E.; thence over rolling land.
74.50	Wash, 20 lks. wide, 3 ft. deep, course E.; ascend.
80.78	The cor. of secs. 13, 14, 23 and 24, which is a limestone, 10 x 10 x 4 ins., set in old mound of stone, and marked 3 notches on S., and 1 notch on E. edge.

Alongside of cor. monument.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T5S	R3W
S14	S13
S23	S24

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

Land, mountainous; drainage to the E.

Soil, rocky, clay and sandy loam; 3rd and 4th rate.

No timber.

Undergrowth, dense growth of sage and oak brush and scattered growth of maple brush.

Good grazing.

From the standard cor. of secs. 34 and 35, heretofore described; thence

N. 0° 11'E., on true line bet. secs. 34 and 35.

Descend over mountainous land, through dense undergrowth.

13.25	Old road, brs. NW. and SE.
16.00	Wash, 40 lks. wide, 4 ft. deep, in canyon, 95 ft. below sec. cor., course S. 40°E.; ascend steep S. slope.
40.49	Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

Chains	
	¼ / S34 | S35 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.
	Cor. stands on steep S. slope, 660 ft. above canyon.
54.00	Point of spur, 375 ft. above ¼ sec. cor., projects SW.; descend NW. slope.
72.00	Ravine, 220 ft. below spur, course SW.; ascend.
80.98	Proportionate distance.
	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and 20 ins. in a mound of stone for cor. of secs. 26, 27, 34 and 35, with brass cap marked
	T5S | R3W S27 | S26 S34 | S35 1926
	Deposit a limestone, 6 x 6 x 6 ins., marked with a cross (+) at base of post.
	Cor. stands on SE. slope, 260 ft. above ravine.
	Land, mountainous; steep slopes.
	Soil, rocky clay and sandy loam; 4th rate.
	No timber.
	Undergrowth, dense sage, oak and maple brush.
	Good grazing.

	From the cor. of secs. 25, 26, 35 and 36; thence N. 89° 57'W., on true line bet. secs. 26 and 35.
	Ascend SE. slope over mountainous land, through dense undergrowth.
33.00	Ridge, 1050 ft. above sec. cor., brs. S. 20°E., and NW.; descend.
39.87	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

Chains	
	$\frac{1}{4}$ S 26 / S 35 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
	Cor. stands at head of ravine, drs SW. 50 ft. below ridge; thence ascend S. slope.
62.00	Spur, 165 ft. above ¼ sec. cor., projects S. 30°W.; descend NW. slope.
75.20	Ravine, 450 ft. below spur, course S. 30°W.; ascend.
79.74	The cor. of secs. 26, 27, 34 and 35, 100 ft. above ravine.
	Land, mountainous.
	Soil, rocky, clay and sandy loam; 4th rate.
	No timber.
	Undergrowth, dense sage and oak brush.
	Good grazing.
	N. 0° 32'E., on true line bet. secs. 26 and 27.
	Ascend SE. slope over mountainous land, through dense undergrowth.
38.00	Spur, 1060 ft. above sec. cor., projects S. 30°W., thence along W. slope.
40.49	Proportionate distance.
	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., with brass cap marked ¼ S27 | S26 1926
	Deposit a limestone, 6 x 6 x 4 ins., marked with a cross (+) at base of post.
45.00	Ridge, 15 ft. above spur, brs. N. 30°W., and S. 30°E.; descend NE. slope.
54.00	Ravine, 195 ft. below ridge, course E.; ascend SE. slope
69.00	Spur, 225 ft. above ravine, projects N. 80°E.; descend.

Chains	
79.00	Enter dense aspen timber, brs. NW. and SE.
80.98	Proportionate distance.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked

T5S S22	R3W S23
S27	S26

1926

From which

An aspen, 7 ins. diam., brs. N. 44°E., 20 lks. dist., marked T 5 S R 3 W S 23 B T.

An aspen, 6 ins. diam., brs. S. 19°E., 12 lks. dist., marked T 5 S R 3 W S 26 B T.

An aspen, 5 ins. diam., brs. S. 18°W., 28 lks. dist., marked T 5 S R 3 W S 27 B T.

An aspen, 10 ins. diam., brs. N. 65°W., 4 lks. dist., marked T 5 S R 3 W S 22 B T.

Cor. stands on NE. slope, 210 ft. below spur.

Land, mountainous; steep slopes.

Soil, shallow rocky, clay and sandy loam; 4th rate.

Timber, dense aspen on portion of N. half mile.

Undergrowth, dense sage and oak brush.

Good grazing.

From the cor. of secs. 23, 24, 25 and 26; thence N. 89° 57'W., on true line bet. secs. 23 and 26.

Descend over mountainous land, through dense undergrowth.

Chains	
13.75	Old road, brs. N. 50°E., and S. 50°W.
16.70	Ravine, 180 ft. below sec. cor., course N. 50°E.; ascend.
40.07½	Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼ S 23 / S 26

1926

Chains	
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.
	Cor. stands on SE. slope, 675 ft. above ravine.
44.00	Spur, 90 ft. above ¼ sec. cor., slopes N. 70°E.; then ascend along NE. slope.
47.00	Enter aspen and scattered fir timber, brs. N. and S.
62.00	Leave fir timber, brs. N. and S.
80.15	The cor. of secs. 22, 23, 26 and 27, 1000 ft. above spur.
	Land, mountainous; steep slopes.
	Soil, rocky, clay and sandy loam; 4th rate.
	Timber, medium growth of aspen and a scattered growth of fir on portion of W. half mile.
	Undergrowth, dense sage and oak brush and scattered maple brush.
	Good grazing.

N. 0° 50'E., on true line bet. secs. 22 and 23.

Descend over mountainous land, through dense timber and scattered undergrowth.

4.00	Ravine, 100 ft. below sec. cor., course E.; ascend.
8.00	Leave timber, brs. E. and W.; enter dense undergrowth.
12.00	Spur, 70 ft. above ravine, slopes N. 80°E.; descend.
18.00	Enter aspen and fir timber, brs. E. and W.
24.25	Ravine, 395 ft. below spur, course E.; ascend.
29.00	Spur, 50 ft. above ravine, slopes E.; descend.
35.00	Leave timber, brs. E. and W.
39.75	Ravine, 265 ft. below spur, course E.; ascend.
40.49½	Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S22 | S23

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

Chains

55.00 Spur, 465 ft. above ravine, slopes E.; descend.

67.50 Ravine, 260 ft. below spur, course E.; ascend

73.00 Top of ascent, 75 ft. above ravine, slopes E.; descend.

77.00 Ravine, 60 ft. below top of ascent, course E. cont.; ascend.

80.98 The cor. of secs. 14, 15, 22 and 23, which is a sandstone, 16 x 6 x 4 ins., set in a mound of stone, and marked 3 notches on S., and 2 notches on W. edge.

Alongside of cor. monument.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and 14 ins. in a mound of stone for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T5S	R3W
S15	S14
S22	S23

1926

Deposit a sandstone, 8 x 4 x 4 ins., marked with a cross (+) at base of post.

Cor. stands on SE. slope, 40 ft. above ravine.

Land, mountainous; drainage E.

Soil, shallow rocky clay and sandy loam; 4th rate.

Timber, aspen and fir on portion of mile.

Undergrowth, dense sage and oak brush.

Good grazing.

From the cor. of secs. 13, 14, 23 and 24.

N. 89° 43' W., on true line bet. secs. 14 and 23.

Ascend over mountainous land, through dense undergrowth.

4.00 Low spur, 70 ft. above sec. cor., projects S.; descend.

14.15 Ravine, 20 ft. below spur, course S.; ascend.

39.76 The ¼ sec. cor., which is a limestone, 16 x 12 x [illegible] ins., set in mound of stone and marked ¼ on N. face.

Alongside of cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of

Chains	
	stone for ¼ sec. cor., with brass cap marked
	¼ S 14 / S 23.
	1926
	Deposit a limestone, 6 x 3 x 3 ins., marked with a cross (+) at base of post.
	Cor. stands on E. slope, 735 ft. above ravine.
	Thence
	N. 89° 54'W., on true line with continuous measurement
42.00	Top of ascent, 70 ft. above ¼ sec. cor., slopes S. 30° E.; thence along S. slope.
53.00	Ravine, 15 ft. below top of ascent, course S. 30°E.; ascend.
79.77	The cor. of secs. 14, 15, 22 and 23, 650 ft. above ravine.
	Land, mountainous; drainage SE.
	Soil, shallow rocky clay and sandy loam; 4th rate.
	No timber.
	Undergrowth, dense growth of sage and oak brush.
	Good grazing.

	From the cor. of secs. 26, 27, 34 and 35; thence
	S. 89° 51'W., on true line bet. secs. 27 and 34.
	Ascend over mountainous land, through dense undergrowth
15.00	Spur, 240 ft. above sec. cor., projects S. 15°E.; descend.
39.97	Proportionate distance.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor., with brass cap marked
	¼ S 27 / S 34
	1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
	Cor. stands on E. side of bottom of ravine, 640 ft. below spur.

Chains	
40.20	Ravine, 5 ft. below ¼ sec. cor., course S. 15°W.; ascend.
44.00	Top of ascent, 75 ft. above ravine, slopes S. 15°W.; descend.
52.50	Wash, 40 lks. wide, 5 ft. deep, in canyon, 80 ft. below top of ascent, course S. 20°E.; ascend.
53.90	Old road, brs. N. 20°W., and S. 20°E.
67.00	Enter dense aspen, brs. NE. and SW.
75.00	Leave aspen, brs. N. and S.
79.00	Wash, 20 lks. wide, 4 ft. deep, course N. 80°E.
79.94	The cor. of secs. 27, 28, 33 and 34, which is a limestone, 18 x 8 x 8 ins., set in mound of stone, and marked 3 notches on E., and 1 notch on S. edge.
	Alongside of cor. monument.
	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 cor. of secs. 27, 28, 33 and 34, with brass cap marked

T5S	R3W
S28	S27
S33	S34

1926

	Deposit a limestone, 7 x 4 x 4 ins., marked with a cross (+) at base of post.
	Cor. stands on E. slope, 710 ft. above wash.
	Land, mountainous; drainage S.
	Soil, shallow rocky clay and sandy loam; 4th rate.
	Timber, dense aspen on portion of W. half mile.
	Undergrowth, dense sage and oak brush.
	Good grazing.

	N. 0° 35'E., on true line bet. secs. 27 and 28.
	Ascend along E. slope, over mountainous land, through dense undergrowth.
4.00	Top of ascent, 30 ft. above sec. cor., slopes E.; descend.

Chains	
	From the restored ¼ sec. cor. bet. secs. 21 and 28, heretofore described; thence
	West, on true line bet. secs. 21 and 28.
	Ascend along S. side of ravine, over mountainous land, through medium undergrowth.
38.98	Intersect N. and S. line, 1.97 chs. N. of the cor. of secs. 20 and 29.
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for closing cor. of secs. 21 and 28, with brass cap marked

```
        T5S
        S21
S20 |------ CC
        S28
        R3W
```

1927

	Deposit a limestone, 8 x 7 x 7 ins., marked with a cross (X) at base of post.
	Cor. stands in head of ravine, 750 ft. above ¼ sec. cor.
	Land, mountainous: drainage E.
	Soil, rocky sandy loam; 2nd rate.
	No timber.
	Undergrowth, medium growth of sage brush and scattered oak, chokecherry and service brush.
	Excellent grazing land.

	From the cor. of secs. 20 and 29; thence
	North along E. bdy. of sec. 20.
	Descend slightly across head of ravine, over mountainous land, through medium growth of sagebrush.
1.97	The closing cor. of secs. 21 and 28.
3.00	Abrupt ascent over steep SE. slope.
37.00	Ridge and divide, 675 ft. above sec. cor. secs. 20 and 29, brs. NE. and SW.; descend along NW. slope, entering balsam, spruce and Douglas fir timber, brs.

Land, mountainous; drainage E.

Soil, rocky clay and sandy loam; 4th rate.

Timber, dense aspen on portion of mile.

Undergrowth, dense sage and oak brush on portion of mile. Good grazing.

From the cor. of secs. 22, 23, 26 and 27; thence N. 89° 29'W., on true line bet. secs. 22 and 27.

Ascend over mountainous land, through dense timber, and scattered undergrowth.

7.00 Leave timber, brs. N. and S.

12.00 Ridge, 310 ft. above sec. cor., brs. S. 20°E., and N. 20°W.; descend.

19.75 Head of ravine, 80 ft. below ridge, course N. 1[illegible]°E.; ascend.

34.00 Spur, 50 ft. above ravine, slopes S.; descend steep W. slope.

40.01 Proportionate distance.

Set an iron post, 3 ft. long, 1 in. diam., 2[illegible] in. in the ground for ¼ sec. cor., with brass cap marked

¼ S 22 / S 27

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.

Cor stands on W. slope, 170 ft. below spur.

57.00 Ravine, 260 ft. below ¼ sec. cor., course S.; ascend.

59.00 Top of ascent, 10 ft. above ravine, slopes S.; descend.

74.75 Ravine, 350 ft. below top of ascent, course S.; ascend.

80.02 The cor. of secs. 21, 22, 27 and 28, 80 ft. above ravine.

Land, mountainous; steep slopes.

Soil, rocky, clay and sandy loam; 3rd and 4th rate.

Timber, dense aspen on portion of E. half mile.

Undergrowth, medium growth of sagebrush.

Good grazing.

Chains	
	West, on true line bet. secs. 21 and 28.
	Ascend over mountainous land, through medium growth of sagebrush.
5.00	Enter aspen timber, and scattered undergrowth, brs. N. and S.
9.00	Top of ascent, 75 ft. above sec. cor., slopes S.; descend.
13.70	Ravine, 30 ft. below top of ascent, course S. 30°E.; ascend.
21.00	Top of ascent, 150 ft. above ravine, slopes SE.; thence along S. slope.
25.00	Leave aspen timber, enter grass and weeds, brs. NW. and SE.
34.00	Wash, 40 lks. wide, 6 ft. deep, in ravine, course S.50° E., ascend.
40.00	Record distance.
	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., with brass cap marked
	¼ S 21 / S 28
	1926
	Deposit a limestone, 6 x 4 x 4 ins., marked with a cross (+) at base of post.
	Land, mountainous; drainage SE.
	Soil, rocky clay and sandy loam; 4th rate.
	Timber, dense aspen on portion of half mile.
	Undergrowth, medium growth of sagebrush on portion of half mile. Good growth of weeds and grass on portion of half mile. Good grazing.
	From the cor. of secs. 21, 22, 27 and 28; thence N. 1° 14'E., on true line bet. secs. 21 and 22.
	Ascend steep slope over mountainous land, through medium undergrowth.
40.95	Proportionate distance.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S21 | S22

1926

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of cor.

Cor stands on S. slope of mountain, 1000 ft. above sec. cor.

62.00 High rocky ridge, 875 ft. above ¼ sec. cor., brs. E. and W.; enter medium growth of timber, brs. E. and W.; abrupt descent over broken NW. slope.

81.90 Proportionate distance.

On steep NW. slope, 540 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap marked

T5S | R3W
S16 | S15

S21 | S22

1926

From which

A balsam, 6 ins. diam., brs. N. 57°E., 47 lks. dist., marked T 5 S R 3 W S 15 B T.

A balsam, 6 ins. diam., brs. S. 61°30'E., 33 lks. dist., marked T 5 S R 3 W S 22 B T.

A balsam, 20 ins. diam., brs. S. 50°30'W., 42 lks. dist., marked T 5 S R 3 W S 21 B T.

A balsam, 6 ins. diam., brs. N. 20°W., 16 lks. dist., marked T 5 S R 3 W S 16 B T.

Land, mountainous; steep and broken slopes.

Soil, rocky, clay and sandy loam; 4th rate.

Timber, medium growth of balsam and spruce on portion of mile.

Undergrowth, medium growth of sagebrush.

Good grazing.

Chains	
	From the cor. of secs. 14, 15, 22 and 23; thence N. 88° 39'W., on truenline bet. secs. 15 and 22.
	Ascend over mountainous land, through a medium undergrowth.
7.00	Spur, 280 ft. above sec. cor., slopes N. 60°E.; thence along broken N. slope, entering fir timber, brs. N. 60°E., and S.
20.80	Trail, brs. N. 60°E., and S. 60°W.
22.00	Wash, 20 lks. wide, 4 ft. deep, in ravine, 40 ft. below spur, course N. 60°E.; thence ascend along N. side of ravine; leave timber, brs. N. 60°E., and S. 60°W.
39.81	Proportionate distance.
	On N. side of ravine, 420 ft. above wash.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S 15. / S 22
	1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of cor.
	Continue ascent over steep E. slope.
72.00	High spur, 1550 ft. above ¼ sec. cor., projects N. 10°E. abrupt descent.
79.62	The cor. of secs. 15, 16, 21 and 22, 300 ft. below spur.
	Land, rough and mountainous; steep broken slopes.
	Soil, rocky, clay and sandy loam; 4th rate.
	Undergrowth, medium growth of sagebrush.
	Timber, medium growth of fir on portion of mile.
	Good grazing.

	N. 38° 51'W., on true line bet. secs. 15 and 16.
	Descend along broken NW. slope, through medium growth of balsam and spruce timber and medium growth of sagebrush.
26.00	Foot of steep descent, 775 ft. below sec. cor., drains

Chains

W.; leave timber, brs. E. and W..;thence along W.slope.

40.09 Point 40.00 chs. northing subsequently established.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor. sec. 16 only, with brass cap marked

¼
S16
1927

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

41.03 The original ¼ sec. cor., which is a sandstone, 14 x 14 x 4 ins., set in mound of stone and marked ¼ on W. face, alongside of which

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 15 only, with brass cap marked

¼
S15
1926

Raise a mound of stone, 2½ ft. base, 2 ft. high E. of post.

Cor. stands on W. slope, 800 ft. below sec. cor.

Thence

N. 0° 11'E., on true line with continuous measurement.

54.00 Spur, projects NW.; descend NE. slope.

55.00 Enter aspen timber, brs. NW. and SE.

76.50 Trail. brs. NW. and SE.

77.00 Ravine, 900 ft. below spur, course NW.; ascend W. slope

80.31 On W. slope, 10 ft. above ravine.

The cor. of secs. 9, 10, 15 and 16, which is a sandstone, 16 x 10 x 8 ins., firmly set in the ground and marked 4 notches on S., and 3 notches on E. edge. Cor. is witnessed by a mound of stone, 2½ ft. base, 2 ft. high to the W.

Alongside of cor. monument.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 9, 10, 15 and 16, with brass cap marked

Chains	
	T5S R3W S 9 | S10 S16 | S15 1926
	From which
	An aspen, 6 ins. diam., brs. N. 52°E., 10 lks. dist., marked T 5 S R 3 W S 10 B T.
	An aspen, 6 ins. diam., brs. S. 10°E., 10 lks. dist., marked T 5 S R 3 W S 15 B T.
	An aspen, 5 ins. diam., brs. S. 28°W., 14 lks. dist., marked T 5 S R 3 W S 16 B T.
	An aspen, 6 ins. diam., brs. N. 48°W., 13 lks. dist., marked T 5 S R 3 W S 9 B T.
	Land, mountainous; rough and steep slopes.
	Soil, rocky, clay and sandy loam; 4th rate.
	Timber, medium growth of spruce and balsam on portion of S. half mile and aspen on portion of N. half mile.
	Undergrowth, medium growth of sagebrush.
	Good grazing.

	N. 89° 40'W., on true line bet. secs. 9 and 16.
	Descend W. slope over rolling mountainous land, through medium growth of aspen timber and a medium growth of sagebrush.
3.40	Ravine, 40 ft. below sec. cor., course N.; ascend.
4.00	Trail, brs. N. and S.
13.70	Trail, brs. NE. and SW.
17.00	Spur, 95 ft. above ravine, projects N. 20°E.; descend.
31.70	Ravine, 75 ft. below spur, course N.; ascend.
37.75	Easting of 40.00 chs. from the NW. cor. of sec. 16, subsequently established.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 16 only, with brass cap marked
	¼ S 16 1927
	From which
	An aspen, 7 ins. diam., brs. S. 28°W., 93 lks. dist., marked ¼ S 16 B T.
	An aspen, 7 ins. diam., brs. S. 69°W., 94 lks. dist., marked ¼ S 16 B T.
40.60	The original ¼ sec. cor., which is a sandstone, 12 x 10

Chains

x 4 ins., set in mound of stone and marked ¼ on N. face, from which

An aspen, 10 ins. diam., brs. N. 40°W., 50 lks. dist., marked ¼ S B T.

An aspen, 12 ins. diam., brs. N.25°E., 16 lks. dist., marked ¼ S B T.

I remonument this cor., for sec. 9 only as follows:

Alongside of cor. monument, set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for ¼ sec. cor., sec. 9 only, with brass cap marked

¼ S 9
1926

From which

An aspen, 6 ins. diam., brs. N. 13°E., 15 lks. dist., marked ¼ S 9 B T.

An aspen, 6 ins. diam., brs. N. 62°W., 10 lks. dist., marked ¼ S 9 B T.

Land, mountainous; drainage N.

Soil, rocky, clay and sandy loam; 4th rate.

Timber, medium growth of aspen.

Undergrowth, medium growth of sagebrush. Medium growth of grass. Good grazing.

From the cor. of secs. 9, 10, 15 and 16.

N. 0° 24'E., on true line bet. secs. 9 and 10.

Descend along W. slope over mountainous land, through medium growth of timber and undergrowth.

21.00 Ravine, 340 ft. below sec. cor., course N.20°E.; ascend

26.60 Spur, 40 ft. above ravine, projects N., from S.20°W.; trail on spur, brs. N.20°E., and S.20°W.; descend along top of spur.

33.30 Trail, brs. N.10°W., and S.10°E.

37.60 Trail, brs. N.20°E., and S.20°W.; leave top of spur, projects N.20°E.; descend along W. slope.

40.11 On W. slope, 230 ft. below 26.60 chs. point on spur.

The ¼ sec. cor., which is a sandstone, 16 x 12 x 10 ins., set in mound of stone, and marked ¼ on W. face.

Alongside of cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

Chains	
	S 9 | S10 1926
	From which
	An aspen, 5 ins. diam., brs. S.46°E., 5 lks. dist., marked ¼ S 10 B T.
	An aspen, 7 ins. diam., brs. N. 15°W., 6 lks. dist., marked ¼ S 9 B T.
	Thence
	N. 0° 08'W., on true line with continuous measurement.
49.00	Leave aspen, enter oak and maple brush, brs. NE. and SW
56.70	Wash, 15 lks. wide, 8 ft. deep, in canyon, 400 ft. below ¼ sec. cor., course N.30°E.; ascend.
69.00	Top of ascent on point of spur, 220 ft. above wash, slopes E.; descend.
75.30	Old road, brs. E. and W.
76.00	Wash, 50 lks. wide, 15 ft. deep, in canyon, 180 ft. below point of spur, course S.80°E.; ascend.
79.67	On S. slope, 35 ft. above canyon.
	The cor. of secs. 3, 4, 9 and 10, which is a sandstone, 14 x 8 x 6 ins., set in mound of stone and marked 5 notches on S., and 3 notches on E. edge.
	Alongside of cor. monument.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for the cor. of secs. 3, 4, 9 and 10, with brass cap marked
	T5S | R3W S 4 | S 3 S 9 | S10 1926
	Deposit a sandstone, 8 x 4 x 4 ins., marked with a cross (+) at base of post.
	Land, mountainous; drainage N.
	Soil, rocky, clay and sandy loam; 4th rate.
	Timber, dense aspen on portion of mile.
	Undergrowth, medium growth of sagebrush on mile and dense growth of oak and maple brush on portion of mile. Medium growth of grass.
	Good grazing.

Chains	
	N. 89° 54'W., on true line bet. secs. 4 and 9.
	Descend over mountainous land, through dense growth of oak and sage brush.
1.00	Bottom of canyon, 20 ft. below sec. cor., brs. N. 80°W. and S. 80°E.; thence ascend along bottom of canyon.
18.50	Old road, brs. N. 80°W., and S. 80°E.
19.70	Stream of clear water, 2 lks. wide, 1 in. deep, course S. 80°E.; ascend NE. slope, entering aspen and scattered fir timber, brs. NW. and SE.
22.00	Stream of clear water, 1 lk. wide, 1 in. deep, course N.
32.00	Wash, 15 lks. wide, 1 ft. deep, course N. 30°E.
39.81	On NE. slope, 775 ft. above sec. cor.
	The ¼ sec. cor., which is a sandstone, 10 x 10 x 4 ins., set in mound of stone, and marked ¼ on N. face. No evidence of bearing trees found.
	Alongside of cor. monument.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S 4 / S 9
	1926
	From which
	A Douglas fir, 12 ins. diam., brs. S.28°30'E., 18 lks. dist., marked ¼ S 9 B T.
	An aspen, 6 ins. diam., brs. N. 51°W., 18 lks. dist., marked ¼ S 4 B T.
	Thence
	N. 89° 46'W., on true line with continuous measurement.
46.00	Top of ascent, 65 ft. above ¼ sec. cor., slopes N.; descend.
49.20	Ravine, 20 ft. below top of ascent, course N. 20°E., ascend.
64.50	Top of ascent, 470 ft. above ravine, slopes N. 30°E.; leave aspen and undergrowth, enter dense fir timber, brs. N. and S.; descend.

Chains	
71.00	Ravine, 20 ft. below top of ascent, course NE.; leave fir timber, enter dense growth of aspen, brs. NE. and SW.; ascend.
78.00	Top of ascent on point of spur, 180 ft. above ravine, slopes NE.; enter scattered growth of fir timber, brs. NE. and SW.; descend.
79.77	The cor. of secs. 4, 5, 8 and 9, which is a sandstone, 14 x 12 x 6 ins., set in mound of stone and marked 5 notches on S., and 4 notches on E. edge. No evidence of bearing trees found.

This cor. is subsequently changed to refer to secs. 4 and 9 only, and I remonument same as follows:-

Alongside of cor. monument.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 4 and 9 only, with brass cap marked

T5S
S 4
S 5
S 9
R3W

1926

From which

An aspen, 10 ins. diam., brs. N.87°30'E., 18 lks. dist., marked T 5 S R 3 W S 4 B T.

An aspen, 8 ins. diam., brs. S.38°45'E., 18 lks. dist., marked T 5 S R 3 W S 9 B T.

Land, mountainous; steep and rough slopes.

Soil, rocky, clay and sandy loam; 4th rate.

Timber, aspen and Douglas fir on portions of mile.

Undergrowth, dense oak and sage brush on portion of mile. Medium growth of grass.

Good grazing.

From the cor. of secs. 3, 4, 9 and 10.

N. 0° 41'E., on true line bet. secs. 3 and 4.

Ascend S. slope over mountainous land, through dense

Chains	
	undergrowth of oak and sage brush.
17.00	Spur, 420 ft. above sec. cor., projects SE.; descend NE. slope.
27.50	Ravine, 145 ft. below spur, course S. 60°E., ascend SE. slope.
39.50	Spur, 460 ft. above ravine, slopes E.; descend N. slope.
40.66	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S 4 | S 3 1926
	Deposit a limestone, 6 x 4 x 4 ins., marked with a cross (X) at base of post.
52.00	Leave oak and sage brush, enter dense growth of aspen, brs. E. and W.
57.50	Ravine, 300 ft. below spur, course S. 35° E., leave aspen timber, enter oak and sage brush, brs. N.35°W., and S. 35°E.; ascend SW. slope.
76.40	Spur, 460 ft. above ravine, projects SE.; ascend along E. slope.
84.17	The cor. of secs. 3, 4, 33 and 34 on N. bdy. of Tp., heretofore described.
	Cor, stands on E. slope, 100 ft. above spur.
	Land, mountainous; drainage SE.
	Soil, rocky clay and sandy loam; 3rd rate.
	Timber, dense growth of aspen on portion of N. half mile. Medium growth of grass.
	Undergrowth, dense growth of oak and sage brush on portion of mile.

Chains	
	SURVEY OF WEST BOUNDARY OF T. 5 S., R. 3 W.
	From the standard SW. cor. of T. 5 S., R. 3 W., heretofore described; thence
	North, along W. bdy. of sec. 31, T. 5 S., R. 3 W.
	Descend N. slope over rolling mountainous land, through medium undergrowth.
1.22	Intersect line 24-25, Baltic No. 2 lode, survey No.3166, S.85°40'W., 7.94 chs. dist. from cor. No. 25, identical with cor. No.4, Baltic lode, survey No.3104, which is a decayed stump of post in mound of earth and stone.
1.84	Intersect line 4-5, Baltic lode, survey No. 3104, N.89°50' W., 7.91 chs. dist. from cor. No.4, identical with cor. No. 25, Baltic No.2 lode, survey No.3166, above described.
6.23	The standard closing cor. of Ts. 5 and 6 S., R. 4 W., for description of which see the field notes of the survey of T. 6 S., R. 4 W.
8.20	Draw, 75 ft. below SW. cor. of T. 5 S., R. 3 W., course E.; ascend.
10.80	Top of ascent, 15 ft. above draw, slopes E,; descend.
12.86	Intersect line, 2-3, Golden Slipper lode, survey No. 3279, S.84°28'E., 7.26 chs. dist. from cor. No. 2, identical with cor. No. 1, William Penn lode, survey No. 3378, which is a decayed stump of post in mound of earth and stone.
12.88	Intersect line 1-4, William Penn lode, survey No. 3378, S.84°35'E., 7.25 chs. dist., from cor. No.1, identical with cor. No. 2, Golden Slipper lode, survey No.3279, above described.
16.80	Draw, 20 ft. below top of ascent, course SE.; ascend.
27.00	Top of ascent, 125 ft. above draw, slopes E.; descend.
40.00	On broken NE. slope, 70 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 31 only, with brass cap marked
	¼ | S 31 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high E. of post.
44.50	Draw, course E.; ascend steep S. slope.
46.23	Northing of 40.00 chs. from closing cor. of Ts. 5 and 6 S., R. 4 W.

Chains	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 36 only, with brass cap marked
	¼ / S36 | 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.
	Cor. stands on S. slope. 40 ft. above draw.
52.70	Ridge, 350 ft. above ¼ sec. cor. sec. 36, brs. E. and W.; descend NW. slope.
53.45	Intersect line 2-3, Cap Rock lode, survey No. 3090, S. 85° 27'E., 3.93 chs. dist. from cor. No. 2, which is decayed stump of post in center of old mound of earth and stone.
62.90	Trail, brs. N. 60°E., and S. 60°W.
69.00	Spur, slopes NW.; descend NE. slope.
70.24	Enter medium growth of aspen timber, brs. E. and
80.00	On NE. slope, 615 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 30 and 31, T. 5 S., R. 3 W. only, with brass cap marked
	T5S R4W S36 | T5S S30 / S31 R3W
	1927
	There being no suitable bearing trees available, I raise a mound of stone, 2½ ft. base, 2 ft. high E. of post.
	Land, mountainous: drainage to E. on S. portion and to NW. on N. portion of mile.
	Soil, rocky clay and mountain loam; 3rd rate.
	Timber, aspen on portion of N. half mile.
	Undergrowth, medium growth of sage, oak and service brush. Medium growth of grass.
	Good grazing land.

WEST BOUNDARY OF T. 5 S., R. 3 W.

Chains	
	North along W. bdy. of sec. 30.
	Descend NE. slope over mountainous land, through medium growth of aspen and undergrowth.
6.23	Northing of 80.00 chs. from closing cor. of Ts. 5 and 6 S., R. 4 W.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 25 and 36, T. 5 S., R. 4 W., only with brass cap marked

T5S S25 | T5S R3W S30
S36 R4W

1927

From which

An aspen, 7 ins. diam., brs. S.34°45'W., 31 lks. dist., marked T 5 S R 4 W S 36 B T.

An aspen, 6 ins. diam., brs. N.43°30'W., 23 lks. dist., marked T 5 S R 4 W S 25 B T.

7.20	Ravine, 150 ft. below cor. of secs. 30 and 31, course NW.; ascend S. slope.
14.00	Spur, 150 ft. above ravine, projects W.; descend N. slope.
24.60	Ravine, 290 ft. below spur, course W.; leave aspen timber, brs. E. and W.; ascend steep SW. slope.
40.00	On SW. slope, 420 ft. above ravine.
	Set an iron post, 3 ft. long 1 in. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for ¼ sec. cor., sec. 30 only, with brass cap marked

¼ | S30

1927

Deposit a limestone, 8 x 6 x 4 ins., marked with a cross (X) at base of post.

From this ¼ sec. cor., cor. No. 3, Hill Side lode,

Chains	
	survey No. 4884, which is a pine post, 4 ins. sq., 5 ft. long, set in mound of earth and stone, marked 3-4884 on S. face, brs. N.75°47'W., 21.06 chs. dist. From this cor. No. 3, Hill Side lode, cor. No. 2, Swansea lode, survey No. 4883, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 2-4883 on S. face, brs. S.67°50'W., 11.11 chs. dist. The computed course and dist. to the ¼ sec. cor. sec. 30 is S. 88° 10'E., 30.74 chs.
41.00	Old road, brs. N.75°W., and S. 75°E.
43.80	Ridge, 110 ft. above ¼ sec. cor., brs. NW. and SE.; descend NE. slope.
46.23	Northing of 40.00 chs. from cor. of secs. 25 and 36. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for ¼ sec. cor. sec. 25 only, with brass cap marked ¼ S 25 1927 From which A balsam, 8 ins. diam., brs. N.55°30'W., 2.37 chs. dist., marked ¼ S 25 B T. No other suitable bearing trees available. Deposit a sandstone, 6 x 5 x 5 ins., marked with a cross (X) at base of post. From this ¼ sec. cor., trough at small spring of water, brs. N. 38° 12'E.
50.75	Draw, 150 ft. below ridge, course NE.; ascend SE. slope.
58.00	Top of ascent, 50 ft. above draw, slopes NE.; descend.
60.50	Enter balsam and Douglas fir timber, brs. E. and W.
71.00	Leave timber, brs. NE. and SW.
74.10	Draw, 385 ft. below top of ascent, course N. 60°E.; ascend SE. slope.
80.00	On SE. slope, 60 ft. above draw. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 19 and 30, T. 5 S., R. 3 W. only, with brass cap marked T5S R4W S25 | T5S S19 / S30 R3W 1927

Chains	
	Raise a mound of stone, 2½ ft. base, 2 ft. high E. of cor.
	Land, mountainous; steep slopes; drainage to the W. on S. portion of mile and to the NE. on N. portion.
	Soil, rocky, clay and sandy loam; 3rd rate.
	Timber, aspen on portion of S. half mile and balsam and Douglas fir on portion of N. half mile.
	Undergrowth, medium growth of sage, oak service and chokecherry brush. Medium growth of grass.
	Excellent grazing land.
	North, along W. bdy. sec. 19.
	Ascend SE. slope over mountainous land, through scatter fir timber and medium undergrowth.
5.00	Top of ascent, 70 ft. above sec. cor., slopes E.; descend NE. slope.
6.23	Northing of 80.00 chs. from cor. of secs. 25 and 36.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 24 and 25, T. 5 S., R. 4 W., only, with brass cap marked

T5S S24	T5S R3W
S25 R4W	S19

1927

From which

A balsam, 5 ins. diam., brs. S.39°30'W., 64 lks. dist., marked T 5 S R 4 W S 25 B T.

A balsam, 8 ins. diam., brs. N. 86° W., 34 lks. dist., marked T 5 S R 4 W S 24 B T.

From this cor., trough at small spring of clear water, brs. N. 80°45'E.

16.10	Draw, 470 ft. below top of ascent, course NE.; leave timber, brs. NE. and SW.; ascend SE. slope.
25.30	Top of ascent, 60 ft. above draw, slopes E.; enter

Chains	
	aspen timber, brs. NE. and SW.; descend NE. slope.
37.40	Draw, 350 ft. below top of ascent, course E.; leave timber, brs. E. and W.; ascend.
39.00	Top of ascent, slopes E.; descend NE. slope.
40.00	On NE. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 19 only, with brass cap marked
	¼ S19 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high E. of post.
46.23	Northing of 40.00 chs. from cor. of secs. 24 and 25.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for ¼ sec. cor., sec. 24 only, with brass cap marked
	¼ S24 1927
	From which
	A lone balsam, 4 ins. diam., brs. N.8°45'W., 284 lks. dist., marked ¼ S 24 B T.
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.
	From this ¼ sec. cor., cabin of George Jorgensen, brs. N.50°33'E. Cabin is 12 x 14 ft, and constructed of aspen.
52.60	From this point, cabin of George Jorgensen, brs. N. 71°50'E.
61.10	Wash, 15 lks. wide, 6 ft. deep, in bottom of canyon, 350 ft. below ¼ sec. cor. sec. 19, course N.15°W.; dense growth of chokecherry brush along bottom of canyon; ascend SW. slope.

Chains	
61.50	Old road in canyon, brs. N. 15° W., and S. 25° E.
73.80	Top of ascent, 50 ft. above bottom of canyon; course W.; descend N. slope.
79.60	Ravine, 160 ft. below top of ascent; course N. 75° W.; ascend SW. slope.
80.00	On SW. slope, 10 ft. above bottom of ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 18 and 19, T. 5 S., R. 3 W., only, with brass cap marked

	T5S
T5S	S18
R4W	
S24	S19
	R3W

1927

Deposit a sandstone, 8 x 6 x 6 ins., marked with a cross (X) at base of post.

Land, mountainous with E. exposure; drainage NE. and N.

Soil, shallow rocky mountain loam; 2nd and 3rd rates.

Timber, balsam, Douglas fir and aspen on portion of S. half mile.

Undergrowth, medium growth of sage, oak, chokecherry and service brush. Medium growth of grass.

Excellent grazing land.

North along W. bdy. of sec. 18.

Ascend SW. slope over mountainous land, through dense undergrowth.

6.23	Northing of 80.00 chs. from the cor. of secs. 24 and 25.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and 18 ins. in a mound of stone for cor. of secs. 13 and 24, T. 5 S., R. 4 W., only, with brass cap marked

Chains	
	T5S S13 | T5S R3W S24 | S18 R4W 1927
	Deposit a limestone, 6 x 6 x 4 ins., marked with a cross (X) at base of post.
11.50	Spur, 125 ft. above cor. of secs. 18 and 19, projects W.; descend N. slope.
16.75	Ravine, 100 ft. below spur, course W.; ascend S. slope.
24.30	Spur, 120 ft. above ravine, projects W.; descend N. slope
33.75	Ravine, 200 ft. below spur, course W.; ascend S. slope.
40.00	On S. slope, 190 ft. above ravine.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for ¼ sec. cor., sec. 18 only, with brass cap marked
	¼ | S18 1927
	Deposit a limestone, 8 x 6 x 6 ins., marked with a cross (X) at base of post.
44.00	Spur, 65 ft. above ¼ sec. cor., projects W.; descend N. slope.
46.23	Northing of 40.00 chs. from cor. of secs. 13 and 24.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 13 only, with brass cap marked
	¼ S13 | 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.
51.50	Ravine, 80 ft. below spur, course S. 75°W.; ascend S. slope.
57.00	Top of ascent, 100 ft. above ravine, slopes SW.; thence

Chains	
	along steep W. slope through dense undergrowth.
80.00	On steep W. slope in dense oak brush.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 7 and 18, T. 5 S., R. 3 W. only, with brass cap marked

```
        T5S
T5S   | S 7
R4W   |-------
S13   | S18
      | R3W
```

1927

Raise a mound of stone, 2½ ft. base, 2 ft. high E. of post.

Land, mountainous with W. exposure and drainage.

Soil, rocky mountain loam; 2nd and 3rd rate.

No timber.

Undergrowth, dense growth of oak, sage, chokecherry and service brush. Medium growth of grass.

Excellent grazing land.

North, along W. bdy. of sec. 7.

Along steep W. slope over mountainous land, through dense undergrowth.

6.23 Northing of 80.00 chs. from cor. of secs. 13 and 24

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 12 and 13, T. 5 S., R. 4 W. only, with brass cap marked

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T5S
S12   | T5S
      | R3W
-------
S13   | S 7
R4W
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1927

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.

18.00 Enter bottom of canyon, 100 ft. below cor. of secs. 7 and 18, brs. N.15°E., and S.15° W.; thence along bottom of canyon.

Chains	
21.50	Road, brs. N. 15°E., and S. 15°W.
25.50	Wooden stave water pipe, brs. S.15°W. to electric power plant in T. 5 S., R. 4 W., and N.15°E. to intake.
28.50	Wash, 1 ch. wide, 3 ft. deep, in canyon, course S. 15° W.; ascend SE. slope.
40.00	Top of SE. slope on W. side of canyon, 180 ft. above bottom, slopes E.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 7 only, with brass cap marked
	¼ | S 7 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high E. of post.
	From this ¼ sec. cor., the intake to wooden stave water pipe, brs. N.29°30'E.; old cabin, constructed of lumber , brs. N.27°50'E.
	Thence ascend gradually along broken E. slope.
46.23	Northing of 40.00 chs. from cor. of secs. 12 and 13.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for ¼ sec. cor. sec. 12 only, with brass cap marked
	¼ S12 | 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.
63.00	From this point, intake to wooden stave water pipe, brs. S.21° 20'E.; Old lumber cabin, brs. S. 28°E.
74.00	Top of ascent, 300 ft. above ¼ sec. cor. sec. 7, slopes E.; descend NE. slope, entering aspen timber, brs. E. and W.
80.00	In bottom of canyon, on SW. side, 90 ft. below top of ascent, brs. NW. and SE.

Chains	
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 6 and 7, T. 5 S., R. 3 W. only, with brass cap marked

T5S
T5S | S 6
R4W
S12 | S 7
R3W

1927

From which

An aspen, 10 ins. diam., brs. N.87°30'E., 18 lks. dist., marked T 5 S R 3 W S 6 B T.

An aspen, 8 ins. diam., brs. S.38°45'E., 18 lks. dist., marked T 5 S R 3 W S 7 B T.

Land, mountainous with E. exposure; drainage S.

Soil, rocky mountain loam; 2nd and 3rd rate.

Timber, aspen on N. 4.00 chs. of mile.

Undergrowth, dense growth of oak, sage, chokecherry and service brush. Medium growth of grass.

Excellent grazing land.

North along W. bdy. of sec. 6.

Descend over mountainous land, through scattered timber and dense undergrowth.

0.20 Stream of clear water, 8 lks. wide, 6 ins. deep, in bottom of canyon, 5 ft. below sec. cor., course SE.; ascend steep and rocky S. slope.

6.23 Northing of 80.00 chs. from cor. of secs. 12 and 13.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock and 24 ins. in a mound of stone for cor. of secs. 1 and 12, T. 5 S., R. 4 W., only, with brass cap marked

T5S
S 1 | T5S
R3W
S12 | S 6
R4W

1927

Chains	
	From which
	A balsam, 10 ins. diam., brs. S. 62° W., 175 lks. dist., marked T 5 S R 4 W S 12 B T.
	A balsam, 8 ins. diam., brs. N.78°30'W., 157 lks. dist., marked T 5 S R 4 W S 1 B T.
6.60	Top of ascent, 200 ft. above canyon, slopes W.; descend steep NW. slope.
11.40	Stream of clear water, 8 lks. wide, 6 ins. deep, in canyon, 180 ft. below top of ascent, course S. 30°W., ascend SE. slope.
21.00	Top of ascent, 275 ft. above canyon, slopes E.; thence along broken E. slope.
27.00	Enter medium growth of timber, brs. E. and W.
35.00	Descend NE. slope, brs. E. and W.
40.00	On NE. slope, 60 ft. below point of descent.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 6 only, with brass cap marked
	¼ | S 6 | 1927
	From which
	An aspen, 10 ins. diam., brs. S. 67° E., 7 lks. dist., marked ¼ S 6 B T.
	A balsam, 6 ins. diam., brs. S. 21°E., 61 lks. dist., marked ¼ S 6 B T.
43.00	Ravine, 60 ft. below ¼ sec. cor., course E.; spring of clear water, brs. E. 2.50 chs. dist.; ascend steep SE. slope, leaving timber, brs. E. and W.
46.23	Northing of 40.00 chs. from cor. of secs. 1 and 12.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 1 only, with brass cap marked
	¼ | S 1 | 1927

Chains	
	Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of post.
71.00	Point of spur, 800 ft. above paving, slopes SE.; thence along E. slope.
76.00	Ascend SE. slope.
83.00	Point of spur, 150 ft. above foot of ascent; slopes SE.; enter scattered timber, brs. E. and N.; descend gradually along steep E. slope.
87.90	On steep E. slope, 30 ft. below top of ascent.

Intersect the N. bdy. of Tp., S. 88° 47' E., 23.89 chs. dist. from the cor. of T. 4 S., Rs. 3 and 4 W., heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground for closing cor. of T. 5 S., Rs. 3 and 4 W., with brass cap marked

T4S R3W
S 31

S 1	S 6
R4W	R3W

T5S
CC

1928

From which

An aspen, 7 ins. diam., brs. S. 30°E., 55 lks. dist., marked T 5 S R 3 W S 6 CC BT.

An aspen, 4 ins. diam., brs. S. 20°W., 23 lks. dist., marked T 5 S R 4 W S 1 CC BT.

Land, mountainous; steep slopes; drainage S.

Soil, rocky mountain loam; 2nd and 3rd rates.

Timber, scattered aspen, balsam and Douglas fir on portion of mile.

Undergrowth, dense growth of oak, sage, chokecherry and service brush.

Excellent grazing land.

Chains	SURVEY OF SUBDIVISION LINES, T. 5 S., R. 3 W.
	From the standard cor. of secs. 33 and 34, on S. bdy. of Tp., heretofore described.
	Thence
	North on random line bet. secs. 33 and 34.
40.00	Set temp. ¼ sec. cor.
80.38	Intersect E. and W. line, 128 lks. E. of the cor. of secs. 27, 28, 33 and 34; thence
	S. 0° 55'E., on true line bet. secs. 33 and 34.
	Descend SE. slope over mountainous land, through medium growth of oak and sage brush.
1.20	Wash, 10 lks. wide, 2 ft. deep, in draw, 10 ft. below sec. cor., course N. 60°E.; ascend N. slope.
7.00	Top of ascent, 150 ft. above wash, slopes E.; descend SE. slope.
15.70	Draw, 195 ft. below top of ascent, course E.; ascend N. slope.
33.70	Point of spur, 420 ft. above draw, slopes E.; descend S. slope.
40.19½	On SE. slope, 200 ft. below point of spur.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S33 | S34 1926
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.
44.00	Ravine, 75 ft. below ¼ sec. cor., course S.; ascend steep and broken NE. slope.
58.00	Enter medium growth of Douglas fir timber, brs. E. and W.

Chains	
64.30	Point of high rocky spur, 850 ft. above ravine, course N. 80° E.; leave timber and oak brush, brs. E. and W.; descend SE. slope.
67.40	Head of ravine, 70 ft. below point of spur, course S. 50° E; ascend along E. slope.
70.00	Top of ascent, 15 ft. above head of ravine, slope E. descend along E. slope.
80.39	The standard cor. of secs. 33 and 34, 65 ft. below top of ascent.

Land, rough and mountainous with a E. exposure and drainage.

Soil, shallow rocky mountain loam; 3rd and 4th rates.

Timber, Douglas fir on portion of mile.

Undergrowth, medium growth of sage and oak brush on portion of mile. Medium growth of grass.

Good grazing land.

From the standard cor. of secs. 32 and 33, on S. bdy. of Tp., heretofore described.

Thence

North, bet. secs. 32 and 33.

Descend NW. slope over mountainous land, through medium growth of oak and sage brush.

3.57	Intersect line 4-5, Scribner No. 2 lode, survey No. 3271, S. 63° 39'W., 19 lks. distance from cor. No.5, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of earth and stone, and marked 5- 3271 on SE. face.
9.40	Ravine, 80 ft. below stand. sec. cor., course S. 50°W.; ascend SE. slope.

Chains	
22.90	Point of spur, 320 ft. above ravine, slopes SW.; descend along NW. slope.
26.71	Intersect line 1-4, Black Bare No. 3 lode, survey No. 4944, N. 62° 37'E., 2.10 chs. distance from cor. No. 1, identical with cor. No. 1, Black Bare No. Fraction No. 2, lode, survey No. 4944, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 1 - 4944 on NE. face, and 1 - 4944 on NW. face.
37.10	Ravine, 30 ft. below spur, course S. 30° W., ascend SE. slope.
40.00	On SE. slope 70 ft. above ravine.
	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground on solid rock and 15 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S32 | S33 1927
	Deposit a limestone, 8 x 6 x 4 ins., marked with a cross (X) at base of post.
47.76	Intersect line 3 - 4, Black Bare No. 3 lode, survey No. 4944, S. 19° 08' E., 3.04 chs. distance from cor. No. 3, identical with cor. No. 2, Black Bare No. 4 lode, survey No. 4944, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 3 - 4944 on SW. face, and 2 - 4944 on NW. face.
55.00	Leave oak brush, brs. NE. and SW.
55.50	Ridge, 560 ft. above ravine, brs. NE. and SW. thence

Chains	
	along W. slope.
62.60	Head of ravine, course W.; ascend
65.00	Spur, 100 ft. above ridge, slopes W.; descend steep N.W. slope.
70.00	Enter dense growth of aspen timber, brs. E. and W.
71.80	Ravine, 45 ft. below spur, course W.; ascend S. slope.
76.00	Leave aspen timber, brs. E. and W.
80.00	On spur, 170 ft. above ravine, projects S. 70°W.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground on soild rock and 20 ins. in a mound of stone for cor. of secs. 28, 29, 32 and 33, with brass cap marked

T5S	R3W
S 29	S28 ✓
S32	S33

1927

Deposit a limestone, 8 x 6 x 6 ins., marked with a cross (X) at base of post.

Land, mountainous with a SW. drainage and exposure.

Soil, rocky clay loam; 2nd and 3rd rates.

Timber, aspen on portion of N. half mile.

Undergrowth, medium growth of sage brush on mile, and medium growth of oak brush on portion of mile. Medium growth of grass.

Good grazing land.

East, on random line bet. secs. 28 and 33.

40.00	Set temp. ¼ sec. cor.
78.39	Intersect N. and S. line, 27 lks. S. of the cor. of

Chains

secs. 27, 28, 33 and 34; thence

S. 89° 48' W., on true line bet. secs. 28 and 33.

Ascend E. slope over mountainous land, through medium growth of oak and sage brush.

18.00 Top of E. slope, brs. NE. and SW.; leave oak brush, enter aspen timber, brs. NE. and SW.; ascend NE. slope.

38.39 Easting of 40.00 chs. from cor. of secs. 28, 29, 32 and 33.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 33, only, with brass cap marked

¼ S 33

1927

From which

An aspen, 4 ins. diam., brs. S. 11°E., 19 lks. dist., marked ¼ S 33 B T.

An aspen, 6 ins. diam., brs. S. 63°E., 39 lks. dist., marked ¼ S 33 B T.

38.50 Leave timber, brs. NW. and SE.

40.00 On NE. slope, 1100 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., sec. 28 only, with brass cap marked

¼ S 28

1927

From which

An aspen, 12 ins. diam., brs. N. 58°E., 95 lks. dist. marked ¼ S 28 B T.

No other suitable bearing tree available. Deposit a limestone, 6 x 6 x 4 ins., marked with a cross (+) at base of post.

47.00 Ridge, 190 ft. above ¼ sec. cor. sec. 28, brs. N. 30°W., and S.30°E.; descend W. slope.

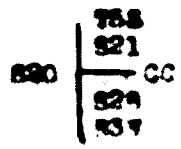
Chains	
58.00	Head of ravine, 330 ft. below ridge, course S. 30°W.; ascend slightly along S. slope.
65.00	Top of ascent, 20 ft. above head of ravine, slopes S.; descend SW. slope.
78.39	The cor. of secs. 28, 29, 32 and 33, 240 ft. below top of ascent.
	Land, mountainous; steep and broken slopes.
	Soil, rocky, clay loam; 4th rate.
	Timber, aspen on portion of E. half mile.
	Undergrowth, medium growth of oak on portion of mile and sage brush on mile. Medium growth of grass.
	Good grazing.
	North, bet. secs. 28 and 29.
	Descend over mountainous land, through medium growth of sagebrush.
5.00	Enter aspen timber, brs. NE. and SW.
11.10	Ravine, 80 ft. below sec. cor., course SW.; ascend SW. slope.
12.00	Leave aspen timber, brs. NE. and SW.
39.60	Draw, 650 ft. above ravine, course S. 30°W.; ascend S. slope.
40.00	On S. slope, 10 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., sec. 29 only, with brass cap marked
	¼ / S29 / 1927
	Deposit a limestone, 4 x 4 x 3 ins., marked with a cross (+) at base of post.
41.97	Southing of 40.00 chs. from cor. of secs. 32 and 33, subsequently established.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in

Chains	
	the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor., sec. 28 only, with brass cap marked
	¼ | S28 1927
	Deposit a limestone, 6 x 4 x 4 ins., marked with a cross (X) at base of post.
59.00	Ridge, 750 ft. above ¼ sec. cor., sec. 29, brs. NW. and SE., descend NE. slope.
63.00	Head of ravine, 15 ft. below ridge, course E.; ascend S. slope.
66.75	Spur, 60 ft. above head of ravine, slopes E.; descend steep N. slope, entering Douglas fir timber, brs. E. and W.
75.00	Leave timber, brs. E. and W.
79.00	Head of ravine, 440 ft. below spur, course E.; ascend.
80.00	Near head of ravine.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for cor. of secs. 20 and 29 only, with brass cap marked
	T5S S20 | S28 S29 R3W 1927
	Deposit a limestone, 8 x 6 x 5 ins., marked with a cross (X) at base of post.
	Land, mountainous: steep slopes.
	Timber, aspen on portion of S. half mile, and Douglas fir on portion of N. half mile.
	Undergrowth, medium growth of sagebrush. Medium growth of grass.
	Good grazing land.

[illegible]

Chains	
	From the scattered ¼ sec. cor. [illegible] heretofore described; thence
	West, on true line bet. secs. 21 and 28.
	Ascend along S. side of ravine, over mountainous land, through medium undergrowth.
38.98	Intersect N. and S. line, 1.97 chs. N. of the cor. of secs. 20 and 29.
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for closing cor. of secs. 21 and 28, with brass cap marked

	758
	S21
S20	CC
	S29
	S37



1927

	Deposit a limestone, 8 x 7 x 7 ins., marked with a cross [illegible] at base of post.
	Cor. stands in head of ravine, 750 ft. above ¼ sec. cor.
	Land, mountainous; drainage E.
	Soil, rocky sandy loam; 2nd rate.
	No timber.
	Undergrowth, medium growth of sage brush and scattered oak, chokecherry and service brush.
	Excellent grazing land.

	From the cor. of secs. 20 and 29; thence
	North along E. bdy. of sec. 20.
	Descend slightly across head of ravine, over mountainous land, through medium growth of sagebrush.
1.97	The closing cor. of secs. 21 and 28.
3.00	Abrupt ascent over steep SW. slope.
37.00	Ridge and divide, 875 ft. above sec. cor. secs. 20 and 29, brs. NE. and SW.; descend along NW. slope, entering [illegible]

Chains	
	NE. and SW.
40.00	On NW. slope. 35 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 20 only, with brass cap marked
	¼ S20 1927
	From which
	A balsam, 6 ins. diam., brs. S.72°45'W., 9 lks. dist., marked ¼ S 20 B T.
	A balsam, 8 ins. diam., brs. N. 49°W., 15 lks. dist., marked ¼ S 20 B T.
41.97	Northing of 40.00 chs. from closing cor. of secs. 21 and 28.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for ¼ sec. cor., sec. 21 only, with brass cap marked
	¼ S21 1927
	From which
	A spruce, 16 ins. diam., brs. S. 88°E., 45 lks. dist., marked ¼ S 21 B T.
	A spruce, 18 ins. diam., brs. S.44°30'E., 55 lks. dist., marked ¼ S 21 B T.
78.60	Ridge and divide, 450 ft. below ¼ sec. cor. sec. 20, slopes to the NW.; ridge brs. NW. and SE.; descend steep NE. slope.
80.00	On steep NE. slope, 50 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground on solid rock and 8 ins. in a mound of stone for cor. of secs. 17 and 20 only, with brass cap marked

Chains	
	T5S S17 | S21 S20 R3W 1927
	From which
	A balsam, 6 ins. diam., brs. S.53°30'W., 43 lks. dist., marked T 5 S R 3 W S 20 B T.
	A balsam, 9 ins. diam., brs. N.56°45'W., 102 lks. dist., marked T 5 S R 3 W S 17 B T.
	Land, mountainous with steep slopes.
	Soil, shallow rocky mountain loam; 2nd and 3rd rates.
	Timber, medium growth of spruce, balsam and Douglas fir on portion of mile.
	Undergrowth, medium growth of sagebrush.
	Fair grazing land.

	From the restored cor. of secs. 15, 16, 21 and 22.
	West on random line bet. secs. 16 and 21.
40.00	Set temp. ¼ sec. cor.
80.70	Intersect N. and S. line, 3.85 chs. N. of the cor. of secs. 17 and 20.
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for closing cor. of secs. 16 and 21, with brass cap marked
	T5S S16 S17 —— CC S21 R3W 1927
	No suitable bearing trees available. Raise a mound of stone, 2½ ft. base, 2 ft. high E. of post.
	Thence
	East, on true line bet. secs. 16 and 21.
	Abrupt descent over rocky NE. slope over mountainous land, through scattered timber and undergrowth.

Chains	
10.25	Ravine, 260 ft. below closing cor., course N. 15°E.; abrupt ascent over rocky NW. slope.
25.00	Enter medium growth of timber, brs. NE. and SW.
32.00	Top of ascent, 320 ft. above ravine, steep slope to N.; descend rocky NE. slope.
40.00	On NE. slope, 200 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and 15 ins. in a mound of stone for ¼ sec. cor., sec. 16 only, with brass cap marked
	¼ S 16 / 1927
	From which
	A spruce, 14 ins. diam., brs. N. 4° E., 40 lks. dist., marked ¼ S 16 B T.
	A spruce, 16 ins. diam., brs. N. 87° E., 43 lks. dist., marked ¼ S 16 B T.
40.70	Wasting of 40.00 chs. from cor. of secs. 15, 16, 21 and 22.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 21 only, with brass cap marked
	¼ / S 21 / 1927
	From which
	A balsam, 4 ins. diam., brs. S. 34° W., 15 lks. dist., marked ¼ S 21 B T.
	A balsam, 5 ins. diam., brs. S. 87° W., 22 lks. dist., marked ¼ S 21 B T.
67.50	Ravine, 500 ft. below ¼ sec. cor. sec. 16, course N.; ascend steep W. slope.
80.70	The cor. of secs. 15, 16, 21 and 22, 650 ft. above ravine.
	Land, mountainous; drainage N. & N. exposure; steep and rocky slopes.

Chains	
	Soil, shallow rocky loam; 3rd and 4th rates.
	Timber, spruce, balsam and Douglas fir.
	Undergrowth, scattered growth of sagebrush; medium growth of grass.
	Fair grazing land.

	From the cor. of secs. 17 and 20.
	North along E. bdy. sec. 17.
	Descend steep, rocky NE. slope over mountainous land, through scattered spruce and balsam timber, and medium undergrowth.
3.60	Foot of descent, 150 ft. below sec. cor., drains E.; ascend broken SE. slope.
3.85	The closing cor. of secs. 16 and 21.
12.70	Top of ascent, 80 ft. above foot of descent, slopes E.; descend NE. slope.
17.00	Draw, 100 ft. below top of ascent, course E.; ascend SE. slope.
27.00	Top of ascent, 100 ft. above draw, slopes E.; descend steep N. slope entering dense spruce, balsam, Douglas fir and aspen timber, brs. E. and W.
37.00	Leave spruce, balsam and Douglas fir timber, brs. E. and W.
37.20	Bottom of ravine, 445 ft. below top of ascent, course N. 80°E.; ascend SE. slope.
40.00	On SE. slope, 40 ft. above ravine in aspen timber.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 17 only, with brass cap marked

¼
S17
1927

From which

An aspen, 12 ins. diam., brs. S. 65°W., 11 lks. dist., marked ¼ S 17 B T.

Chains

An aspen, 12 ins. diam., brs. N.39°30'W., 20 lks. dist., marked ¼ S 17 B T.

43.85 Northing of 40.00 chs. from closing cor. of secs. 16 and 21.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 16, with brass cap marked

¼
S16
1927

From which

An aspen, 6 ins. diam., brs. N.11°15'E., 25 lks. dist., marked ¼ S 16 B T.

An aspen, 8 ins. diam., brs. S. 51°E., 35 lks. dist., marked ¼ S 16 B T.

Cor. stands on top of ascent, 15 ft. above ¼ sec. cor., sec. 17, slopes E.; descend NE. slope.

52.75 Ravine, 180 ft. below ¼ sec. cor. sec. 16, course E.; ascend steep SE. slope.

57.60 Leave timber, brs. E. and W.

75.00 Spur, 520 ft. above ravine, slopes E.; descend NE. slope entering dense spruce, balsam and Douglas fir, and scattered aspen timber, brs. E. and W.

80.00 On steep NE. slope, 150 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 8 and 17 only, with brass cap marked

T5S
S 8
S16
S17
R3W
1927

From which

A Douglas fir, 4 ins. diam., brs. S. 52° W., 9 lks. dist., marked T 5 S R 3 W S 17 B T.

A Douglas fir, 8 ins. diam., brs. N.49°30'W., 26 lks. dist., marked T 5 S R 3 W S 8 B T.

Chains	
	Thence continue
	North, bet. secs. 8 and 16, with continuous measurement.
84.48	Intersect the S. bdy. of sec. 9, 2.08 chs. E. of the SW. cor. of sec. 9, hereinafter described.
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for closing cor. of secs. 8 and 16, with brass cap marked

S 9
S 8 | S16
T5S | R3W
CC

1927

From which

A balsam, 8 ins. diam., brs. S. 77° E., 5 lks. dist., marked T 5 S R 3 W S 16 CC BT.

A balsam, 8 ins. diam., brs. S. 15°W., 21 lks. dist., marked T 5 S R 3 W S 8 CC BT.

Cor. stands on steep NE. slope, 230 ft. below cor. of secs. 8 and 17.

Land, mountainous with steep slopes; E. draiange and exposure.

Soil, rocky mountain loam; 2nd and 3rd rates.

Timber, balsam, spruce, Douglas fir and aspen.

Undergrowth, sage. chokecherry and service brush.

Excellent grazing land.

From the cor. of secs. 4 and 9.

South, on random line along W. bdy. sec. 9.

40.00	Set temp. ¼ sec. cor.
80.00	Set temp. sec. cor. for SW. cor. sec. 9.
	Thence
	East, on random line along S. bdy. sec. 9.
39.23	Fall 28 lks. S. of the ¼ sec. cor. sec. 9, heretofore described.
	Thence

Chains	
	From the ¼ sec. cor. sec. 9.
	West, on true line along S. bdy. sec. 9.
	Ascend NE. slope over mountainous land, through dense aspen timber, and scattered undergrowth.
35.00	Leave aspen timber, enter balsam, spruce and Douglas fir timber, brs. N. and S.
37.15	The closing cor. of secs. 8 and 16.
39.23	On NE. slope of spur, 675 ft. above ¼ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for SW. cor. of sec. 9, with brass cap marked

T5S
R3W
S 9
S 8

1927

From which

A balsam, 10 ins. diam., brs. N. 15°E., 22 lks. dist., marked T 5 S R 3 W S 9 B T.

Land, mountainous with steep NE. slope.

Soil, rocky mountain loam; 2nd and 3rd rates.

Timber, aspen, balsam, spruce and Douglas fir.

Undergrowth, scattered growth of sage, chokecherry. and service brush. Medium growth of grass.

Good grazing land.

	North, along W. bdy. of sec. 9.
	Descend NE. slope over mountainous land, through dense balsam and Douglas fir timber, and medium undergrowth.
3.00	Leave timber, brs. E. and W.
9.50	Ravine, 225 ft. below SW. cor. of sec. 9, course N. 80° E.; ascend steep SE. slope.
35.52	Northing of 40.00 chs. from cor. of secs. 8 and 17.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 8 only, with brass cap marked

Chains	
	$\frac{1}{4}$ S8 1927
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of post.
	Cor. stands on SE. slope, 650 ft. above ravine.
39.86	Point mid-way bet. the SW. cor. of sec. 9 and the cor. of secs. 4 and 9.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 9 only, with brass cap marked
	$\frac{1}{4}$ S9 1927
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high E. of post.
44.00	Spur, 150 ft. above $\frac{1}{4}$ sec. cor. sec. 8, projects E.; descend steep and broken N. slope, entering scattered balsam, Douglas fir and aspen timber, brs. E. and W.
68.50	Ravine, 870 ft. below spur, course NE.; ascend along SE. slope.
75.52	Northing of 80.00 chs. from cor. of secs. 8 and 17.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 5 and 8 only, with brass cap marked
	T5S S 5 / S 8 R3W S9 1927
	Deposit a limestone, 8 x 6 x 5 ins., marked with a cross (X) at base of post. No suitable bearing trees available.
	Cor. stands on SE. slope, 30 ft. above ravine.
78.00	Point of spur, 10 ft. above sec. cor. secs. 5 and 8,

Chains

slopes NE.; descend steep NW. slope.

79.72 The cor. of secs. 4 and 9, on NW. slope, 60 ft. below point of spur.

Land, mountainous with steep slopes; drainage E. and NE.; E. exposure.

Soil, rocky clay and mountain loam; 2nd and 3rd rates.

Timber, aspen, balsam and Douglas fir.

Undergrowth, medium growth of sagebrush. Medium growth of grass.

Good grazing land.

N. 0° 41'E., on random line bet. secs. 4 and 5.

40.00 Set temp. ¼ sec. cor.

82.26 Intersect N. bdy. of Tp., 26 lks. W. of the cor. of secs. 4, 5, 32 and 33, heretofore described.

Thence

S. 0° 52'W., on true line bet. secs. 4 and 5.

Descend steep SE. slope over mountainous land, through medium undergrowth.

13.25 Draw, 360 ft. below sec. cor., course SE.; ascend NE. slope.

20.60 Point of spur, 110 ft. above draw, slopes SE.; descend steep SE. slope.

38.60 Draw, 400 ft. below point of spur, course SE.; thence descend along E. slope.

42.52 Proportionate distance to E. bdy. sec. 4.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 4 only, with brass cap marked

¼

S. 4

1927

Raise a mound of stone, 2½ ft. base, 2 ft. high E. of post.

Cor. stands on E. slope, 50 ft. below draw.

Chains	
46.46	Northing of 40.00 chs. from cor. of secs. 5 and 8. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., sec. 5 only, with brass cap marked ¼ S 5 1927 Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.
57.00	Point of spur, 160 ft. below draw, slopes SE.; descend steep SE. slope.
70.00	Enter medium growth of timber, brs. NW. and SE.
79.50	Ravine, 510 ft. below point of spur, course N. 60°E.; ascend steep NW. slope.
82.26	The cor. of secs. 4 and 9, 120 ft. above ravine.
	Land, mountainous with steep slopes draining SE; SE. exposure.
	Soil, rocky mountain loam; 2nd rate.
	Timber, medium growth of aspen and scattered balsam and Douglas fir on portion of mile.
	Undergrowth, medium growth of sagebrush. Medium growth of grass on mile.
	Good grazing land.

From the standard cor. of secs. 31 and 32 on S. bdy. of Tp.; thence

N. 0° 01'W., bet. secs. 31 and 32.

Along E. slope over mountainous land, through dense undergrowth.

3.70	Draw, 10 ft. below standard sec. cor., course E.; ascend SE. slope.
6.20	Intersect line 10-11 Hecla lode No. 3, survey No. 3079, N. 65°E., 48 lks. dist. From cor. No. 10, which is a decayed stump of post in center of old mound of earth and stones.

Chains	
8.14	Intersect line 23-26, Maine No. 2 lode, survey No. 3180, S. 46°10'W., 1.19 chs. dist. from cor. No. 26 which is a decayed stump of post in center of old mound of earth and stone.
9.41	Intersect line 25-26, Maine No. 2 lode, survey No. 3180, N. 65° 02'W., 97 lks. dist. from cor. No. 26, above described.
10.80	Top of ascent, 85 ft. above draw, slopes E.; descend NE. slope.
16.00	Draw, 95 ft. below top of ascent, course E.; ascend SE. slope.
19.08	Intersect line 51-52, Border No. 1 lode, survey No. 3176, S.66°32'E., 6.03 chs. dist. from cor. No. 52, which is a pine post, 4 ins. sq., extending 3 ft. above the ground and marked 52-3176 on N., and 53-3176 on W. face. This cor. is identical with cor. No. 53, Border No. 4 lode, survey No. 3176.
28.40	Top of ascent, 60 ft. above draw, slopes E.; descend along E. slope.
35.80	Draw, 50 ft. below top of ascent, course E.; continue along E. slope.
40.00	On E. slope, 55 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S31 | S32 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.
42.40	Old telephone line, brs. N. 10°W., and S.10°E.
48.70	Stream of clear water, 2 lks. wide, 1 in. deep, in canyon, 60 ft. below ¼ sec. cor., course S. 10°E.; ascend SW. slope.
51.56	Intersect line 38-39, Border lode, survey No. 3176, N. 14° 08'W., 41 lks. distance from cor. No. 39,

Chains	
	which is a pine post, 4 ins. sq., extending 3 ins. above the ground and marked 39-3176 on W. face.
52.55	Intersect line 1-4, Hal lode, survey No. 3167, S. 23° 52'E., 5.25 chs. dist. from cor. No. 4 , which is a pine post, 4 ins. sq., 4 ft. long, set in old mound of stone and marked 4-3167 on SE. face.
62.50	Trail, brs. N. 30°W., and S. 30°E.
65.38	Intersect line 3-4, Don lode, survey No. 3167, N. 81° 36'E., 5.25 chs. distance from cor. No. 4, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 4-3167 on SE. face.
66.47	Intersect line 1-2, Flo lode, survey No. 3167, S.72° 53'W., 1.63 chs. distance from cor. No. 2, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 2-3167 on N. face.
74.30	Intersect line 4-5, Flo lode, survey No. 3167, S.80° 21'W., 7.34 chs. distance from cor. No. 4, which is a post, 4 ins. sq., 4 ft. long set in mound of stone and marked 4-3167 on SW. face.
80.00	On SW. slope, 525 ft. above canyon.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T5S	R3W
S30	S29
S31	S32

1927

Deposit a limestone, 6 x 6 x 4 ins., marked with a cross (X) at base of post.

From this cor., spring of clear water in bottom of canyon, brs. S. 62°45'W.(Another bearing taken from ¼ sec. cor. bet. secs. 30 and 31.)

Land, mountainous; drainage S.

Soil, rocky mountain loam; 2nd rate.

Chains	
	No timber.
	Undergrowth, dense growth of sage, oak, chokecherry and service brush.
	Excellent grazing land.
	N. 89° 58'E., on random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 28, 29, 32 and 33; thence
	S. 89° 53'W., on true line bet. secs. 29 and 32.
	Descend NW. slope, over mountainous land, through medium undergrowth.
10.14	Intersect line 3-4, Era Mine No. 1 lode, survey No. 4944, N. 9° 40°E., 13.66 chs. dist. from cor. No. 4, identical with cor. No. 3, Black Bare No. 4 lode, survey No. 4944, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone, and marked 4-4944 on NW. and 3-4944 on SW. face.
10.50	Enter dense aspen timber, brs. NE. and SW.
12.00	Leave timber, brs. NE. and SW.
13.00	Wash, 30 lks. wide, 8 ft. deep in ravine, 350 ft. below sec. cor., course S. 20°W.; ascend E. slope.
25.50	Point of spur, 160 ft. above wash, slopes S.; descend W. slope.
30.30	Draw, 260 ft. below spur, course SW.; ascend .
36.00	Top of ascent, 20 ft. above draw, slopes SW.; descend W. slope.
40.04	On W. slope, 60 ft. below top of ascent.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S 29 / S 32
	1927

Chains	
	Deposit a limestone, 6 x 6 x 4 ins., marked with a cross (X) at base of post.
50.00	Ravine, 210 ft. below ¼ sec. cor., course S. 10°E.; ascend steep E. slope.
52.49	Intersect line 2-3, Gold Wedge lode, survey No. 3485, S. 5° 25'E., 2.44 chs. dist. from cor. No. 3, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 3-3485 on SE. face.
54.73	Intersect line 1-5, Aspen No. 3 lode, survey No. 3485, S.27° 48'E., 6.06 chs. distance from cor. No. 5, which is a post, 4 ins. sq., extending 3 ft. above the ground and marked 5-3485 on SW. face.
62.00	Point of spur, 450 ft. above ravine, slopes S.; descend SW. slope.
71.53	Intersect line 2-3, Leadville No. 2 lode, survey No. 3485, S. 18° 28'E., 4.13 chs. distance from cor. No. 3, which is decayed stump of post in center of old mound of stone.
80.08	The cor. of secs. 29, 30, 31 and 32, 340 ft. below point of spur.
	Land, mountainous with steep slopes; drainage S.; S. exposure.
	Soil, rocky mountain loam; 2nd and 3rd rates.
	Timber, dense aspen on portion of E. half mile.
	Undergrowth, medium growth of oak, sage, chokecherry and service brush. Medium growth of grass.
	Excellent grazing land.

	N. 89° 56'W., on random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
82.99	Intersect the cor. of secs. 30 and 31 on W. bdy. of Tp., heretofore described; thence
	S. 89° 56'E., on true line bet. secs. 30 and 31.
	Descend over mountainous land, through medium growth of timber and undergrowth.

Chains	
2.30	Ravine, 10 ft. below sec. cor., course N.; ascend.
5.60	Top of ascent, 50 ft. above ravine, slopes NW.; descend
10.00	Ravine, 35 ft. below top of ascent, course NW.; ascend W. slope.
20.00	Leave timber, brs. NW. and SE.
26.80	Trail, brs. N. and S.
32.00	Ridge, 680 ft. above ravine, brs. N. 10°W., and S.10°E.; descend NE. slope.
42.89	On steep NE. slope, 265 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S 30 / S 31
	1927
	From which
	A lone balsam, 4 ins. diam., brs. S.32°30'W., 123 lks. dist., marked ¼ S 31 B T.
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of post.
	From this ¼ sec. cor., spring in canyon, brs. S. 76° 43'E.(Bearing to this given from cor. of secs. 29, 30, 31 and 32.). Bench mark of Geological Survey, which is an iron post, 3 ins. diam., extending 12 ins. above ground, and located in low pass of ridge, brs. N. 15° 20'E. Post is marked ELEVATION ABOVE SEA 8066 FEET DATUM BM
44.50	Enter timber, brs. NW. and SE.
48.00	Leave timber, brs. NE. and SW.
59.85	Intersect line 2-3, Summit Flat lode, survey No. 3098, N.52° 41'W., 3.58 chs. dist. form cor. No. 3, which is a pine post, 4 ins. sq., extending 3 ft. above the ground and marked 3-3098 on N. face.
60.50	Old telephone line, brs. N. 30°W., and S. 30°E.
64.30	Intersect line 3-4, Summit Flat lode, survey No. 3098, N.36° 08'E., 2.69 chs. dist. from cor. No. 3, above described.

Chains		acla
	From this point, bench mark of the Geological Survey, brs. N. 41° 02'W.	
66.98	Intersect line 3-4, Black Shale lode, survey No. 3029, S. 18° 01'W., 8.49 chs. dist. from cor. No. 4, which is a post, 4 ins. sq., 4 ft. long, set in mound of stone and marked 4-3029 on SE. face.	
68.70	Bottom of ravine, 490 ft. below ¼ sec. cor., course S. 15°E.; ascend SW. slope	
73.35	Trail, brs. S. 20°E. and N. 20°W.	
76.53	Intersect line 1-2, Black Shale lode, survey No. 3029, S. 18° 01'W., 5.54 chs. dist. from cor. No. 1, which is a post, 4 ins. sq., 5 ft. long set in a mound of stone and marked 1-3029 on SW. face.	
82.89	The cor. of secs. 29, 30, 31 and 32, 140 ft. above ravine.	
	Land, mountainous.	
	Soil, rocky mountain loam; 2nd and 3rd rates.	
	Timber, aspen on portions of mile.	
	Undergrowth, oak, sage, chokecherry and service brush. Medium growth of grass.	
	Excellent grazing land.	

N. 0° 01'W., bet. secs. 29 and 30.

Ascend rocky SW. slope over mountainous land, through medium undergrowth.

27.40 Ridge, 980 ft. above sec. cor., brs. NE. and W.; slopes W. to low passes; ascend along W. slope.

40.00 On W. slope, 100 ft. above ridge.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

830 | 829

1927

Raise a mound of stone, 2½ ft. base, 2 ft. high W. of post.

Chains	
43.00	Point of spur, 10 ft. above ¼ sec. cor., slopes NW.; descend NW. slope.
48.00	Enter aspen timber, brs. NW. and SE.
59.50	Ravine, 330 ft. below point of spur, course NW.; ascend SW. slope.
61.30	Leave timber, brs. NW. and SE.
66.50	Spur, 65 ft. above ravine, projects NW.; descend steep NE. slope.
69.60	Enter aspen, balsam and Douglas fir timber, brs. NW. and SE.
80.00	On NE. slope, 325 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with brass cap marked

T5S S19	R3W S20
S30	S29

1927

From which

An aspen, 12 ins. diam., brs. N. 15° E., 22 lks. dist., marked T 5 S R 3 W S 20 B T.

A balsam, 4 ins. diam., brs. S. 59°E., 24 lks. dist., marked T 5 S R 3 W S 29 B T.

A balsam, 14 ins. diam., brs. S.40°30'W., 43 lks. dist., marked T 5 S R 3 W S 30 B T.

A balsam, 6 ins. diam., brs. N.4°30'W., 73 lks. dist., marked T 5 S R 3 W S 19 B T.

Land, mountainous with steep slopes; drainage of S. portion is to the S., and of N. portion of mile to the NW.

Soil, shallow rocky mountain loam; 2nd and 3rd rates.

Timber, aspen, balsam and Douglas fir on portions of mile.

Undergrowth, medium growth of oak and sage brush. Medium growth of grass.

Good grazing land.

Chains	
	N. 89° 53'E., on random line bet. secs. [illegible]
40.00	Set temp. ¼ sec. cor.
80.12	Intersect N. and S. line, 5 lks. N. of the cor. [illegible] secs. 20 and 29; thence
	S. 89° 55'W., on true line bet. secs. 20 and 29.
	Ascend abrupt E. slope, over mountainous land, through medium undergrowth.
10.00	Ridge and divide, 510 ft. above sec. cor., brs. N. and S.; descend steep W. slope.
31.50	Enter aspen timber, brs. NW. and SE.
38.50	Ravine, 1060 ft. below ridge, course N. 75°W.; descend gradually along N. slope, entering balsam and Douglas fir timber, brs. NW. and SE.
40.06	On N. slope, 20 ft. below ravine.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

S 20 / S 29

1927

From which

A Douglas fir, 6 ins. diam., brs. N.45°E., 40 lks. dist., marked ¼ S 20 B T.

A Douglas fir, 8 ins. diam., brs. S. 40°E., 16 lks. dist., marked ¼ S 29 B T.

Continue descent along N. and NE. slope.

80.12 The cor. of secs. 19, 20, 29 and 30, 550 ft. below ¼ sec. cor.

Land, mountainous with steep slopes; drainage NW.

Soil, rocky mountain loam; 2nd and 3rd rates.

Timber, aspen, Douglas fir and balsam on portions of mile.

Undergrowth, medium growth of sage, oak and chokecherry brush. Medium growth of grass.

Good grazing land.

Chains	
	W. 89° 56'W., on random line bet. secs. 19 and 30.
40.00	Set temp. ¼ sec. cor.
82.94	Intersect W. bdy. of Tp., 24 lks. S. of the cor. of secs. 19 and 30, heretofore described; thence S. 89° 46'E., on true line bet. secs. 19 and 30. Descend SE. slope over mountainous land, through dense undergrowth.
10.00	Draw, 210 ft. below sec. cor., course NE.; ascend NW. slope.
13.25	Top of ascent, 40 ft. above draw, slopes NE.; descend E. slope.
23.30	Trail, brs. N. 10° W., and S. 10° E.
24.00	Wash, 30 lks. wide, 8 ft. deep, in bottom of canyon, 175 ft. below top of ascent, course N. 10°W.; ascend W. slope.
27.40	Trail, brs. N. and S.
34.50	Spur, 200 ft. above canyon, slopes N.; descend.
38.00	Trail, brs. N. and S.
39.20	Draw, 25 ft. below spur, course NW.; ascend SW. slope.
42.94	On SW. slope, 75 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for ¼ sec. cor., with brass cap marked ¼ S 19 / S 30 1927 Deposit a limestone, 6 x 6 x 4 ins., marked with a cross (X) at base of post.
66.25	Point of spur, 700 ft. above ¼ sec. cor., slopes NW.; descend NE. slope entering medium growth of timber, brs. NW. and SE.
82.94	The cor. of secs. 19, 20, 29 and 30, 65 ft. below point of spur.

Land, mountainous with steep slopes; drainage N. and NW.

Soil, rocky mountain loam; 2nd rate.

Chains	
	Timber, Douglas fir, balsam and aspen on portion of mile.
	Undergrowth, dense chokecherry, oak, service and sage brush. Medium growth of grass.
	Excellent grazing land.

N. 0° 01' W., bet. secs. 19 and 20.

Descend NE. slope over mountainous land, through aspen, and scattered Douglas fir and balsam timber, and a medium undergrowth.

8.80 Ravine, 235 ft. below sec. cor., course N. 70° W.; ascend S. slope.

16.40 Point of spur, 160 ft. above ravine, slopes W.; leave aspen timber, enter dense Douglas fir and balsam timber, brs. E. and W.; descend steep N. slope.

28.60 Ravine, 370 ft. below point of spur, course W.; leave Douglas fir and balsam timber, entering aspen, brs. E. and W.; ascend SW. slope.

36.50 Top of ascent, 170 ft. above ravine; slopes W.; abrupt descent over N. slope.

40.00 On steep N. slope, 180 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S 19 | S 20

1927

From which

An aspen, 6 ins. diam., brs. S.82°15'E., 15 lks. dist., marked ¼ S 20 B T.

An aspen, 8 ins. diam., brs. N. 26° W., 13 lks. dist., marked ¼ S 19 B T.

44.60 Ravine, 50 ft. below ¼ sec. cor., course S. 80° W.; leave aspen timber, brs. E. and W.; ascend SW. slope.

56.80 Top of ascent, 85 ft. above ravine, slopes W.; descend NE. slope.

Chains

58.75 Ravine, 45 ft. below top of ascent, course S.: ascend steep SE. slope.

69.00 Top of ascent, 365 ft. above ravine, slopes SE.; thence along E. slope.

75.00 Spur, projects SW. from N. 80°E.; descend N. slope, entering dense aspen timber, brs. E. and W.

80.00 On N. slope, 80 ft. below spur.

Set an iron post, 3 ft. long 2 ins. diam., 28 ins. in the ground for cor. of secs. 17, 18, 19 and 20, with brass cap marked

T5S	R3W
S18	S17
S19	S20

1927

From which

An aspen, 8 ins. diam., brs. N.43°15'E., 5 lks. dist., marked T 5 S R 3 W S 17 B T.

An aspen, 8 ins. diam., brs. S. 78° E., 15 lks. dist., marked T 5 S R 3 W S 20 B T.

An aspen, 8 ins. diam., brs. S. 32° W., 7 lks. dist., marked T 5 S R 3 W S 19 B T.

An aspen, 6 ins. diam., brs. N. 74° W., 10 lks. dist., marked T 5 S R 3 W S 18 B T.

Land, mountainous with steep slopes; drainage W.

Soil, rocky mountain loam; 2nd rate.

Timber, aspen, Douglas fir and balsam on portions of mile.

Undergrowth, medium growth of oak, sage, chokecherry and service brush. Medium growth of grass.

Excellent grazing land.

N. 89° 55'E., on random line bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect N. and S. line, 19 lks. N. of the cor. of secs. 17 and 20; thence

Chains	
	N. 89° 37'W., on true line bet. secs. 17 and 20.
	Along N. slope over mountainous land, through balsam timber and medium undergrowth.
1.00	Leave timber, brs. N. and S.
2.00	Low pass on ridge, brs. N. 20°W., and S. 20°E.; descend steep SW. slope.
34.00	Foot of steep descent, 600 ft. below ridge, brs. SE. and N.10°W.; descend gradually along N. slope and along N. side of basin.
39.00	Fence of circular sheep corral, brs. NE. and SW.; corral is about 4 chs. diam.
40.06	In bottom of basin and in corral, 650 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S 17 / S 20
	1927
	From which
	A balsam, 22 ins. diam., brs. S. 3°W., 95 lks. dist., marked ¼ S 20 B T.
	An aspen, 8 ins. diam., brs. N. 42°W., 211 lks. dist., marked ¼ S 17 B T.
	From this ¼ sec. cor., SE. cor. of log cabin, 14 x 12 ft., brs. N. 32° 40'W., 3.86 chs. dist. Owner of cabin unkown.
	Ascend slightly along N. side of basin.
40.75	Fence of corral, brs. NW. and SE.
41.00	Enter medium growth of aspen and scattered balsam timber, brs. N.80°E. and S. 80°E.; dense balsam and Douglas fir on slope S. of basin.
46.00	Top of ascent, 15 ft. above ¼ sec. cor.; slopes S.; descend.
57.00	Ravine, 20 ft. below top of ascent, course NW.; ascend along N. slope.
58.00	Spur, 15 ft. above ravine, slopes W. from the SE.; descend along top of spur.

Chains	
64.00	Leave timber; brs. NW. and SE.
72.00	Leave top of spur, slopes S. 60°W.; descend along steep N. slope.
75.00	Enter dense aspen timber; brs. NE. and SW.
80.12	The cor. of secs. 17, 18, 19 and 20, 400 ft. below top of spur.
	Land, mountainous with steep slopes; drainage W.
	Soil, rocky mountain loam; 2nd rate.
	Timber, aspen and scattered balsam and Douglas fir on portions of mile.
	Undergrowth, medium growth of sagebrush. Medium growth of grass on mile.
	Good grazing land.

	N. 89° 46'W., on random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
82.76	Intersect W. bdy. of Tp., 3 lks. S. of the cor. of secs. 18 and 19, heretofore described; thence
	S. 89° 45'E., on true line bet. secs. 18 and 19.
	Ascend SW. slope over mountainous land, through dense undergrowth.
13.00	Top of ascent, 250 ft. above sec. cor., slopes S.; descend SE. slope.
22.40	Ravine, 40 ft. below top of ascent, course SW.; enter medium growth of timber, brs. NE. and SW.; ascend NW. slope.
42.76	On NW. slope, 150 ft. above ravine.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

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

1927

From which

An aspen, 10 ins. diam., brs. N.87°30'E., 18 lks. dist., marked ¼ S 18 B T.

Chains	
	An aspen, 8 ins. diam., brs. S.38°45'E., 10 lks. dist., marked ¼ S 19 B T.
47.00	Leave timber, brs. NW. and SE.
78.50	Top of ascent, 950 ft. above ¼ sec. cor., slopes NW.; enter timber, brs. N. and SW.; thence along N. slope.
82.76	The cor. of secs. 17, 18, 19 and 20.

Land, mountainous with steep slopes; drainage W.

Soil, rocky mountain loam; 2nd rate.

Timber, medium growth of aspen on portions of mile.

Undergrowth, dense growth of oak, sage, service and chokecherry brush. Medium growth of grass.

Good grazing land.

N. 0° 01' W., bet. secs. 17 and 18.

Descend steep N. slope over mountainous land, through medium growth of aspen timber, and medium undergrowth

11.00	Leave timber, brs. E. and W.
14.00	Ravine, 370 ft. below sec. cor., course W.; ascend steep rocky S. slope.
27.00	Point of spur, 460 ft. above ravine, slopes W.; descend N. slope, entering aspen timber, brs. E. and W.
40.00	In ravine, 250 ft. below point of spur, course S. 80°W. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S18 | S17

1927

From which

An aspen, 8 ins. diam., brs. S.77°15'E., 35 lks. dist., marked ¼ S 17 B T.

An aspen, 12 ins. diam., brs. S.21°45'W., 52 lks. dist., marked ¼ S 18 B T.

Ascend steep S. slope leaving timber, brs. E. and W.

53.30	Point of spur, 500 ft. above ¼ sec. cor., slopes S.70° W.; enter aspen timber, brs. E. and W.; descend.

Chains

59.00 Ravine, 40 ft. below point of spur, course SW.; ascend steep W. slope.

62.00 Leave timber, brs. E. and W.

79.20 Top of high rocky spur, 510 ft. above ravine, slopes NW.; enter Douglas fir and balsam timber, brs. NW. and SE.; descend steep NE. slope.

80.00 On N. side of top of spur, 10 ft. below top.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for cor. of secs. 7, 8, 17 and 18, with brass cap marked

T5S	R3W
S 7	S 8
S18	S17

1927

From which

A balsam, 6 ins. diam., brs. N.48°30'E., 50 lks. dist., marked T 5 S R 3 W S 8 B.T.

A balsam, 6 ins. diam., brs. S. 59°E., 136 lks. dist., marked T 5 S R 3 W S 17 B T.

A balsam, 8 ins. diam., brs. N.71°30'W., 31 lks. dist., marked T 5 S R 3 W S 7 BT.

No suitable bearing tree available in sec. 18.

Land, mountainous with steep rocky slopes; drainage W. and SW.

Soil, rocky clay loam; 3rd rate.

Timber, aspen and balsam and Douglas fir on portions of mile.

Undergrowth, medium growth of sage and oak brush. Medium growth of grass on mile.

Good grazing land.

S. 89° 57'E., on random line bet. secs. 8 and 17.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. and S. line, 14 lks. S. of the cor. of secs. 8 and 17: thence

Chains	
	S. 89° 57'W., on true line bet. secs. 18 and 17.
	Ascend along steep N. slope over mountainous land, through dense Douglas fir and balsam timber, and scattered undergrowth.
30.50	High ridge and divide, 775 ft. above sec. cor., brs. N. and S.; leave timber, brs. N. and S.; descend steep W. slope through medium undergrowth.
40.01	On steep W. slope, 350 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S 8 / S17 1927
	Raise a mound of stone, 2½ ft. base, 2 ft. high N. of post.
53.00	Bottom of ravine, 425 ft. below ¼ sec. cor., course NW.; enter dense timber, brs. NW. and SE.; ascend steep NE. slope.
67.00	Top of ascent, 125 ft. above ravine, slopes N.; thence along N. slope.
80.02	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous with steep slopes; drainage NE. and NW.
	Soil, rocky mountain loam; 2nd rate.
	Timber, dense Douglas fir and balsam on portions of mile.
	Undergrowth, sage and oak brush. Medium growth of grass
	Good grazing land.

	N. 89° 45'W., on random line bet. secs. 7 and 18.
40.00	Set temp. ¼ sec. cor.
82.88	Intersect W. bdy. of Tp., 7 lks. N. of the cor. of secs. 7 and 18, heretofore described; thence
	S. 89° 48'E., on true line bet. secs. 7 and 18.

Chains	
	Ascend steep NW. slope over mountainous land, through dense oak and sage brush undergrowth.
38.80	Point of spur, 980 ft. above sec. cor., slopes SW.; descend SE. slope.
42.88	On SE. slope, 80 ft. below point of spur.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for ¼ sec. cor. with brass cap marked
	$\frac{1}{4}\ \frac{S\ 7}{S\ 18}$
	1928
	Deposit a limestone, 8 x 6 x 6 ins., marked with a cross (X) at base of post.
46.00	Foot of descent, 50 ft. below ¼ sec. cor., brs. NE. and SW.; ascend along steep S. slope, leaving oak brush, brs. NE. and SW.
69.40	Draw, 400 ft. above foot of descent, course SW.; ascend steep SW. slope.
82.40	High rocky spur, 500 ft. above draw, slopes NW.; descend along N. slope.
82.88	The cor. of secs. 7, 8, 17 and 18.
	Land, mountainous with steep slopes; drainage SW.
	Soil, rocky mountain loam; 2nd and 3rd rates.
	No timber.
	Undergrowth, medium growth of sagebrush on mile and dense oak brush on portion of mile. Medium growth of grass on mile.
	Good grazing land.

	N. 0° 01' W., bet. secs. 7 and 8.
	Descend steep N. slope over mountainous land, through dense Douglas fir and balsam timber, and scattered undergrowth.
29.80	Trail, brs. NW. and SE.

Chains		animals
30.50	Wash, 40 lks. wide, 10 ft. deep, in ravine, 990 ft. below sec. cor.; course NW.; leave fir timber and enter aspen, brs. NW. and SE.; the floor of cabin of C. W. Ault, brs. SE. about 8 chs. the cabin has been destroyed by snow; ascend steep SW. slope.	
40.00	On SW. slope, 170 ft. above ravine.	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked	
	¼ S 7 | S 8 1927	
	From which	
	An aspen, 8 ins. diam., brs. S. 80°E., 40 lks. dist., marked ¼ S 8 B T.	
	An aspen, 9 ins. diam., brs. S. 45° W., 100 lks. dist., marked ¼ S 7 B T.	
	Leave timber, and enter medium growth of oak and sage brush, brs. NW. and SE.	
55.00	Point of spur, 370 ft. above ¼ sec. cor., slopes W.; thence along W. slope across head of draw.	
66.00	Spur, 30 ft. above point of spur, slopes NW.; descend NE. slope entering aspen timber, brs. NW. and SE.	
80.00	On NE. slope, 200 ft. below spur.	
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap marked	
	T5S | R3W S 6 | S 5 S 7 | S 8 1927	
	From which	
	An aspen, 6 ins. diam., brs. N.12°30'E., 67 lks. dist., marked T 5 S R 3 W S 5 B T.	
	An aspen, 8 ins. diam., brs. S. 32° E., 36 lks. dist., marked T 5 S R 3 W S 8 B T.	
	An aspen, 5 ins. diam., brs. S. 18° W., 4 lks.	

Chains	
	dist., marked T 5 S R 3 W S 7 B T.
	An aspen, 6 ins. diam., brs. N. 61° W., 50 lks. dist., marked T 5 S R 3 W S 6 B T.
	Land, mountainous with steep slopes; drainage NW.
	Soil, rocky mountain loam; 2nd rate.
	Timber, dense Douglas fir, balsam and aspen on portions of mile.
	Undergrowth, sage and oak brush. Medium growth of grass on mile.
	Good grazing land.

	N. 89° 57'E., on random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
77.85	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 5 and 8; thence
	West, on true line bet. secs. 5 and 8.
	Ascend SE. slope over mountainous land, through scattered timber and medium undergrowth.
0.80	Point of spur, 20 ft. above sec. cor., slopes NE.; descend steep NW. slope.
4.80	Ravine, 50 ft. below spur, course NE.; leave timber, brs. NE. and SW.; ascend steep E. slope.
27.30	Ridge and divide, 600 ft. above ravine, brs. N. 20°E., and S. 20°W.; descend steep W. slope.
37.85	On steep W. slope, 265 ft. below ridge.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for ¼ sec. cor., with brass cap marked
	¼ S 5 / S 8
	1928
	Deposit a limestone, 6 x 5 x 5 ins., marked with a cross (X) at base of post.

Chains	
61.00	Enter medium growth of timber, brs. NW. and SE.
67.40	Ravine, 860 ft. below ¼ sec. cor., course NW.; ascend steep NE. slope.
77.85	The cor. of secs. 5, 6, 7 and 8, 260 ft. above ravine.
	Land, mountainous with steep slopes; drainage NE. and NW.
	Soil, rocky mountain loam; 2nd and 3rd rates.
	Timber, Douglas fir, balsam and scattered aspen on portions of mile.
	Undergrowth, medium growth of sagebrush. Medium growth of grass on mile.
	Good grazing land.

	N. 89° 48'W., on random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
82.85	Intersect the cor. of secs. 6 and 7 on W. bdy. of Tp. heretofore described; thence
	S. 89° 48'E., on true line bet. secs. 6 and 7.
	Descend NE. slope over mountainous land, through aspen timber and dense undergrowth.
1.50	Stream of clear water, 10 lks. wide, 4 ins. deep, in canyon, 10 ft. below sec. cor., course SE.; ascend steep SW. slope, leaving timber, brs. NW. and SE.
17.00	Point of spur, 750 ft. above canyon, slopes S.; from this point, log cabin, 12 x 14 ft., owned by E. M. Johnson, brs. S. 67°E.
	Descend SE. slope.
39.25	From this point, log cabin of E.M.Johnson's, brs. S.10°45'E.
42.85	On steep SE. slope, 425 ft. below point of spur.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

S 6
¼
S 7
1928

Chains

From which

An aspen, 6 ins. diam., brs. N.74°30'E., 227 lks. dist., marked ¼ S 6 B T.

An aspen, 8 ins. diam., brs. S.12°45'E., 135 lks. dist., marked ¼ S 7 B T.

From this ¼ sec. cor., NW. cor. of log cabin, 8 x 10 ft., owned by M.A. Johnson, brs. S.79° 30'E., 1.37 chs. dist.; spring of clear water in bottom of canyon, brs. S. 35°W., 4.60 chs. dist.

43.65 Wash, 30 lks. wide, 2 ft. deep, in canyon, 20 ft. below ¼ sec. cor., course S. 30°W.; enter scattered aspen timber, brs. NE. and SW.: ascend steep W. slope.

44.15 Old road, brs. N. 30°E., and S. 30°W..

53.00 Leave timber, brs. N. and S.

79.00 Point of spur, 970 ft. above canyon, slopes NW.; descend along NE. slope.

82.85 The cor. of secs. 5, 6, 7 and 8, 25 ft. below point of spur.

Land, mountainous with steep slopes: drainage SW.

Soil, rocky mountain loam; 2nd rate.

Timber, aspen on portions of mile.

Undergrowth, sage, oak, chokecherry and service brush. Medium growth of grass.

Excellent grazing land.

N. 0° 01'W., bet. secs. 5 and 6.

Descend NE. slope over mountainous land, through aspen timber and medium undergrowth.

15.75 Ravine, 500 ft. below sec. cor., course NW.; ascend SW. slope.

36.00 Top of ascent, 160 ft. above ravine, slopes SW.; descend NW. slope.

40.00 On NW. slope, 50 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in

Chains	
	the ground for ¼ sec. cor., with brass cap marked
	¼ S 6 | S 5 1927
	From which
	An aspen, 6 ins. diam., brs. N.38°40'E., 42 lks. dist., marked ¼ S 5 B T.
	An aspen, 8 ins. diam., brs. S.84°30'W., 26 lks. dist., marked ¼ S 6 B T.
46.80	Draw, 40 ft. below ¼ sec. cor., course S. 60°W.; leave timber, brs. NW. and SE.; ascend SW. and S. slope.
77.00	Point of spur, 930 ft. above draw, slopes S.75°W.; enter aspen timber, brs. E. and W.; descend N. slope.
86.26	Intersect N. bdy. of Tp., N.89°55'E., 72 lks. dist. from cor. of secs. 31 and 32, heretofore described.
	At point of intersection.
	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for closing cor. of secs. 5 and 6, with brass cap marked
	T4SR3W S 32 S 6 | S 5 T5S R3W CC 1927
	From which
	An aspen, 14 ins. diam., brs. S.67°E., 15 lks. dist., marked T 5 S R 3 W S 5 CC BT.
	An aspen, 12 ins. diam., brs. S. 54°W., 34 lks. dist., marked T 5 S R 3 W S 6 CC BT.
	Cor. stands on N. slope, 80 ft. below point of spur.
	Land, mountainous with steep slopes; drainage SW.
	Soil, rocky mountain loam; 2nd rate.
	Timber, aspen on portions of mile.
	Undergrowth, sage, oak, chokecherry and service brush. Medium growth of grass.
	Excellent grazing land.

RETRACEMENT OF PORTION OF

BOUNDARIES OF MINERAL CLAIMS IN T. 5 S., R. 3 W.

Chains	
	CAMP FLOYD MINING DISTRICT.
	Scribner No. 2 lode, survey No. 3271.
	Retracement of line 4-5; 5-6, and 6-7.
	From cor. No. 4, Scribner No. 2 lode, survey No. 3271, which is a pine post, 4 ins. sq., 5 ft. long, firmly set in the ground and marked 4-3271 on SE. face,
	Thence,
	N. 61° 50'E., on retracement line along line 4-5.
14.56	Fall N. 28°10'W. 46 lks. dist., from cor. No. 5, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of earth and stone, and marked 5-3271 on SE. face.
	The course of this line therefore is N. 63° 39'E., and the distance is 14.57 chs.
	From cor. No. 5
	N. 50° 05'E., along line 5-6.
6.83	Intersect cor. No. 6, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 6-3271 on S. face.
	The course of this line, therefore is N. 50° 05'E., and the dist. is 6.83 chs.
	Thence
	S. 22° 50'E., along line 6-7.
3.02	Intersect cor. No. 7, which is a decayed stump of post, in center of mound of stone.
	The course of this line therefore is S. 22°50'E., and the dist. is 3.02 chs.

	Scribner lode, survey No. 3260.
	Retracement of portion of line 3-4, line 4-5 and 5-6.
	From cor. No. 7, Scribner No. 2 lode, survey No. 3271, above described, recorded position on line 3-4, N.50°05'E., 457.1 ft. from cor. No. 3, Scribner lode, survey No. 3260, identical with cor. No. 1 Scribner No. 2 lode, survey No. 3271.
	Thence

Chains

N. 50° 05'E., along line 3-4 on retracement line.

5.91 Intersect cor. No. 4, Scribner lode, survey No. 3260, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 4-3260 on S. face.

The course of this line therefore is N. 50° 05'E., and the distance is 5.91 chs.

Thence

S. 31° 28'E., along line 4-5.

8.90 Intersect cor. No. 5, which is a pine post, 4 ins. sq., 4 ft. long, firmly set in the ground and marked 5-3260 on W. face.

The course of this line therefore is S. 31° 28'E., and the distance is 8.90 chs.

Thence

S. 50° 05'W., along line 5-6

12.78 Fall N.39°55'W., 22½ lks. dist. from cor. No. 6, identical with cor. No. 3, Elma lode, survey No. 3260, which is a decayed stump of post in center of mound of stone.

The course of this line therefore is S. 49° 04'W., and the distance is 12.78 chs.

Mastodon lode, survey No. 3016 A.

Retracement of portion of line 7-8, and line 9-10.

From cor. No. 7, which is a decayed stump of post in old mound of earth and stone.

Thence

N. 40°E., along line 7-8, on retracement line.

3.43 Intersect line 2-3, Gray Bell No. 2, survey No. 3102, S.37°37'E., 4.94 chs. dist. from cor. No. 2, which is a pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 2-3102 on S. face.

10.52 Intersect cor. No. 2, Gold Button lode, survey No. 3231, which is a post, 4 ins. sq., 4 ft. long, set

Chains	
	in a mound of stone and marked 2-3231 on SE. face.
	The course of this line therefore is N. 40° E., and the distance is 10.52 chs.
	From cor. No. 10, Mastodon lode, survey No. 3016 A., which is a decayed stump of post in old mound of stone.
	Thence
	N. 40° E., along line 9-10, on retracement line.
16.10	Fall S. 50°E., 35 lks. dist. from cor. No. 9, which is a squared pine post, 4 ins. sq., 4 ft. long, set in a mound of stone and marked 9-3016A on S. face.
	The course of this line therefore is N. 38° 45'E., and the dist. is 16.10 chs.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Lines designated		Bearings	Distance chs.	Latitudes N. chs.	Latitudes S. chs.	Departures E. chs.	Departures W. chs.
1st St.	Par. S.	S.89°57'E.	41.28		0.04	41.28	
		S.89°54'E.	40.32		.07	40.32	
		N.89°57'E.	38.96	0.03		38.96	
		East	41.04			41.04	
		N.89°56'E.	40.61	.05		40.61	
		S.89°47'E.,	24.69		.10	24.69	
		S.89°47'E.	16.10		.06	16.10	
		S.89°33'E.	38.59		.30	38.59	
		N.89°53'E.	39.53	.08		39.93	
		East	40.19			40.19	
		S.89°44'E.	119.73		.56	119.73	
E. bdy.	of Tp.	N.0°27'E.	40.86	40.86		.32	
		N.0°38'E.	40.51	40.51		.45	
		N.2°50'E.	42.06	42.01		2.08	
		N.1°38'W.	39.96	39.94			1.14
Bet.secs.	24 & 25	S.89°11'W.	80.51		1.15		80.50
	23 & 24	N.0°30'E.	80.78	80.78		.71	
	14 & 23	N.89°43'W.	39.76	.20			39.76
		N.89°54'W.	40.01	.07			40.01
	15 & 22	N.88°39'W.	79.62	1.88			79.60
	15 & 16	N.3°51'W.	41.03	40.94			2.75
		N.0°11'E	39.28	39.28		.13	
	9 & 10	N.0°24'E.	40.11	40.11		.28	
		N.0°08'W.	39.56	39.56			.09
	3 & 4	N.0°41'E	84.17	84.16		1.00	
N. bdy.	of Tp.	S.89°19'W.	39.39		.47		39.39
		S.88°47'W.	40.02		.85		40.01
		S.89°55'W.	79.90		.12		79.90
		N.88°47'W.	82.02	1.74			82.00
W. bdy.	of Tp.	South	487.90		487.90		
Convergency							0.45
Totals				492.20	491.62	486.41	485.60
				491.62		485.60	
Error in lat. and dep.				.58		.81	

GENERAL DESCRIPTION, T. 5 S., R. 3 W.

The land embraced within this fractional township consists of high mountains of the Oquirrh range, varying from 7000 ft. to 10500 ft. above sea level. The township is rugged in character, being broken by high ridges, spurs and deep canyons, the slopes of which are very steep. A high ridge and divide, from 8000 ft. to 10500 ft. above sea level, extends in a northerly and southerly direction through sections 33, 28, 20, 21, 17, 8 and 5. The drainage to the

GENERAL DESCRIPTION, T. 5 S., R. 3 W.

west of this ridge, formed by deep canyons and ravines, is in a westerly and southwesterly direction, and the drainage to the east of the ridge is in a easterly and northeasterly direction, except a portion of secs. 21, 22, 27, 28, 33, 34 and 35, which is drained by a deep canyon to the southeast.

The soil of this fractional township is rocky, consisting of a sandy, gravelly and clay loam, and may be classed as 2nd and 3rd rate. The soil supports a medium growth of grass and from a medium to dense undergrowth of sage, oak, chokecherry and service brush which affords excellent grazing for stock.

On the north slopes there is found a medium growth of balsam, Douglas fir and scattered spruce, and also on portions of the township dense growths of aspen are found. The fir timber varies from a young growth to trees twelve inches in diameter, and the aspen timber is small and of little commercial use.

A small stream of clear water from spring in SW¼ of NW¼ sec. 6, flows in a southerly direction through west portion of secs. 6 and 7, joining a small stream of clear water is sec. 7, which flows southwesterly through sec. 7 from a spring located in NE¼ of NW¼ sec.7. The water from these two streams is diverted by a wooden stave pipe in SW¼ of NW¼ sec. 7, and is used in the town of Ophir, Ut. located in T. 5 S., R. 4 W., for culinary purposes, and by an electric power plant located in T. 5 S., R. 4 W., There is a small spring of clear water located in SE¼ of SW¼ sec. 19; a small spring in NE¼ of NE¼ sec. 31; a small stream of clear water is NW¼ of NE¼ sec. 9 and SW¼ of SE¼ sec. 4, and a small spring in NE¼ of SW¼ sec. 30 to which no tie was made, as this spring was not visible from a section line.

A cabin, 14 x 12 ft. constructed of aspen poles and

Chains

owned by George Jorgensen, is located in SW¼ of NW¼ sec. 19; a cabin, 14 x 12 ft. constructed of aspen poles, owner unknown, is located in SE¼ of SW¼ sec. 17; a cabin 14 x 12 ft., constructed of aspen poles and owned by E.M.Johnson, is located in NE¼ of NW¼ sec. 7; a cabin, 10 x 8 ft., constructed of aspen poles and owned by M.A.Johnson, is located in NW¼ of NE¼ sec. 7, and board floor of a cabin owned by C. W. Ault, is located in NW¼ of SW¼ sec. 8. The cabin has been destroyed by a snow slide.

No part of this township is suitable for cultivation, the slopes being too steep, but the land is adapted and is extensively used for grazing of sheep and cattle. All parts of the township are accessible for sheep and cattle, and the soil produces an abundant growth of brush and grass which afford excellent feed.

Numerous patented mineral claims in Camp Floyd and Ophir Mining Districts are located in the SW. portion of this township. Extensive prospecting for mineral has been carried on through the SW. portion of the township, there being evidence of numerous old shafts and tunnels found, but at the time of the execution of this survey there did not appear to be any active work being done on any of the claims.

No evidence of oil, oil shale or coal was found.

The mean magnetic declination was found to be 16°E.

BOOK A-491

4—680
(August, 1928)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Sidney R. Reese,	chainman
Perry Eliason	chainman
Lemont Edmiston	chainman
Hale Christenson,	cornerman
Earl M. Lewis	cornerman.
Orvil Clark	axeman.

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Ralph Gentry, U.S. Cadastral Engineer, ~~Examiner~~, hereby certify upon honor that, in p

of special instructions received from the District Cadastral Engineer for Utah, bearing date the 31st day of March, 1924, and supplemental special instructions bearing date of the 27th day of September, 1926, I have well, faithfully, and

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

tions, and the laws of the United States, surveyed all those parts or portions of the dependent resurvey of 1st. Standard Parallel South through R. 3 W., portion of the north and east boundaries and portion of the subdivision, an the retracement of portion of the boundaries of mineral claims, and the survey of the west boundary and subdivision of T. 5 S., R. 3 W

of the Salt Lake Ba

and Meridian, in the State of Utah, which are represente

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 Inst

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,
Feb. 24, 1930.

Ralph Gentry
U.S. Cadastral Engineer. ~~Examiner~~

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., MAY 28 1934, 19

The foregoing field notes of the survey of T. 5 S., R. 3 W., S.L.B. & Mer.,

executed by Ralph Gentry, under supplemental special instructions dated September 27, 1926, and under his special instructions dated March 31, 1924, ~~NK~~, having bee critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

U. S. Supervisor of Surve

~~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 Surve~~

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ORIGINAL

4—679

BOOK A-491

BOOK "A"

RECEIVED
JAN 28 1928
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

FIELD NOTES

OF THE ~~SURVEY OF THE~~

DEPENDENT RESURVEY OF THE WEST BOUNDARY, AND PORTIONS OF THE SOUTH AND EAST BOUNDARIES AND SUBDIVISION AS ORIGINALLY SURVEYED BY A.D.FERRON, U.S.DEPUTY SURVEYOR IN 1884 AND 1891, AND ROBERT GORLINSKI, U.S. DEPUTY SURVEYOR IN 1894; AND INDEPENDENT RESURVEY OF PORTION OF THE SOUTH BOUNDARY AND SUBDIVISION SUPERSEDING SURVEYS EXECUTED BY A.P. HANSON, U. S.DEPUTY SURVEYOR IN 1902; ALL IN T.1 S.,R.2 E.

Of the Salt Lake Base and *Meridian,*

the State of Utah

EXECUTED BY

Howard W. Miller, U.S.Cadastral Engineer

~~the capacity of U.S. Surveyor~~, *under instructions dated* February 27, 1926 ~~191~~,

ued by the United States District Cadastral Engineer ~~Surveyor General~~ *to govern surveys included in*

oup No 160, Utah, *which were approved by the Commissioner of the General Land*

ice, April 5, 1926, ~~191~~ and Supplemental Assignment Instructions dated July 31, 1926 and August 5, 1927.

Survey commenced August 3, 1926, ~~191~~

Survey completed October 20, 1927, ~~191~~

6—151

EWM

BOOK A-491

INDEX DIAGRAM.

Township 1 South, *Range* 2 East

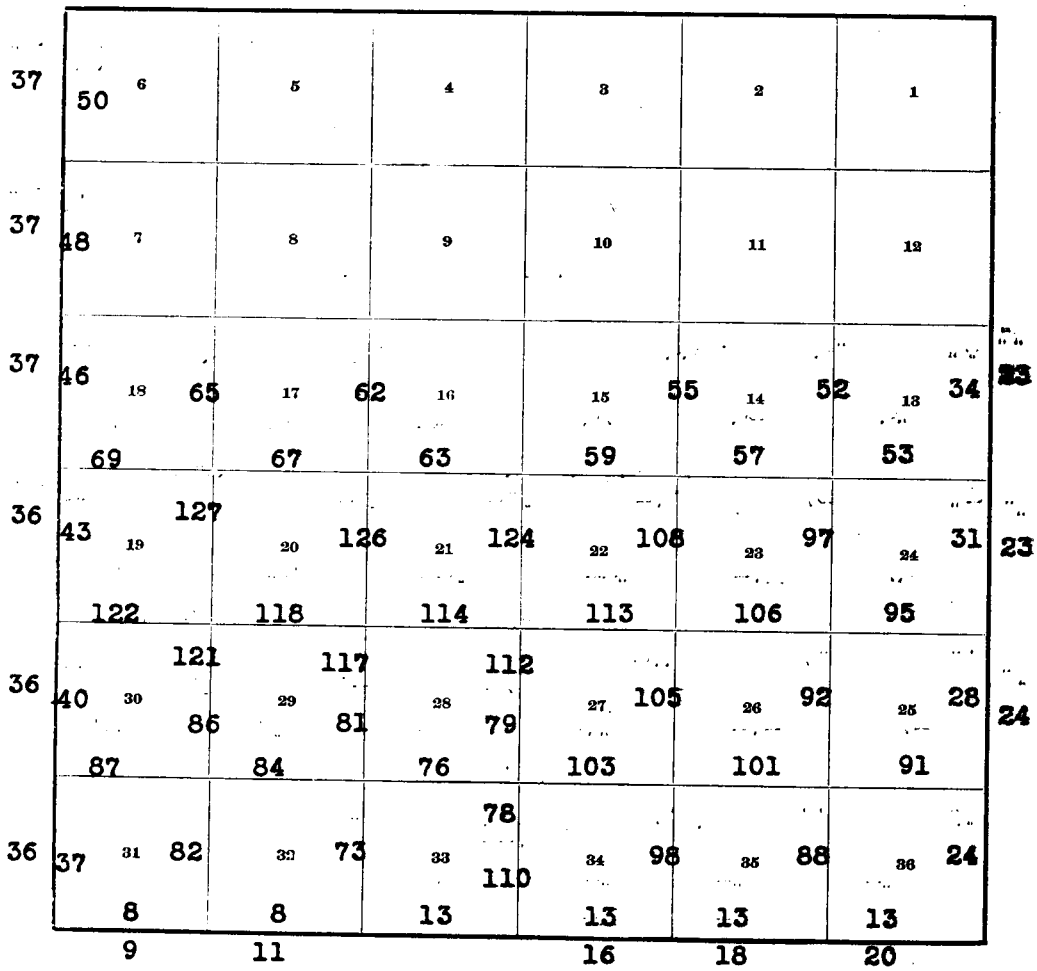

DIAGRAM OF LINES RESURVEYED,

T.1 S.,R.2 E.

18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

= Independent resurveys.
= Dependent resurveys.

All the lines included in this resurvey were run by Howard W. Miller, U. S. cadastral engineer.

Chains

DESCRIPTION AND TEST OF INSTRUMENT

Supplemental special instructions, Group 160, Utah, dated February 27,1926, and approved by the Commissioner of the General Land Office, by letter1117308-"E"-WHR, dated April 5,1926, provide for a dependent resurvey of secs. 31 and 32, and fractional secs. 28, 29,30, and 33, and the reestablishment of the south boundary of sec.13 to 18 inclusive, T.1 S.,R.2 E., surveyed by A.D.Ferron, U.S. deputy surveyor in 1891, plat approved March 23, 1894; also, an independent resurvey of the areas in this township returned as surveyed by A.P.Hanson, U. S. deputy surveyor in 1902, plat approved June 9, 1903, together with tract segregations of valid or patented entries in this area which cannot be conformed to the lines of resurvey.

This resurvey was commenced August 3, 1926, and executed with Buff and Buff transit, No.16726, 1924 model; the instrument is equipt with full vertical circle and Smith solar attachment; unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

The instrument was approved for use in this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests as stated in supplemental assignment instructions dated July 31, 1926, and August 5, 1927.

TEST OF INSTRUMENT

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

Chains

meridian determined by observations made on Polaris, I proceed as follows:

August 3, 1926: At my camp which is situated about 10 chs. south of the quarter-section corner bet. secs. 29 and 32, T.1 S.,R.2 E., approximate latitude 40°41½' N., longitude 111° 45'W., I set off 40°41½' on the lat. arc; 17°32'N., on the decl. arc; and at 5h. p.m. apparent time, determine a meridian with solar and note that a crevice in a rock on the sky line about 1 mile distant, bears N.0°37'W.

At the same station at 6h. 53m. 40s.p.m., l.m.t., by my watch which carries correct 105th. meridian time as found by comparison with a Western Union telegraph clock at Salt Lake City, Utah, on this date, I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the crevice in the rock as noted in my solar observation, in the direction E. to Polaris.

Watch time of observation	7h. 20m. 40s.p.m.
Mean horizontal angle from crevice to Polaris	1° 20' 45" E.
Azimuth of Polaris at observation . ..	0° 44' 36" E.
True bearing of crevice in rock	N.0° 36' 09" W.

In conjunction with the above observation, I make an altitude observation on Polaris for latitude, making four observations, two each with the telescope in direct and reversed positions:

Mean watch time of observation	7h.20m.40s.p.m.
Mean observed vertical angle	39° 46' 30"
Reduced latitude	40° 41' 37"

August 4, 1926: At 7h. a.m. apparent time, I set off 40° 41½' on the latitude arc; 17° 22'N., on the declination arc; and determine a meridian with the solar and note that the crevice in the rock bears N.0° 36'W.

Chains

Field work on this resurvey was suspended October 6,1926, and resumed again August 11, 1927; the same instrument equipment being used as recorded for the 1926 work.

At the commencement of the field work executed in 1927, I examine the adjustments of the transit, and also test the solar apparatus by comparing its indications resulting from solar observations made during a.m.and p.m. hours with a true meridian established by the U.S.General Land Office Cadastral Engineering Service by observations made on Polaris on top of the Boston Building, Salt Lake City, Utah, latitude 40°45½'N., longitude 111° 54'W. as follows:

August 11, 1927: I set off 40°45½' on the latitude arc; and with the instrument carefully leveled and placed in the true meridian, I observe the sun crossing the meridian at apparent noon, the resulting reading of the declination arc is 15°25'N., which agrees with the computed declination of the sun for that hour.

At 3h.p.m., apparent time, with the latitude arc unchanged and with 15°23'N. set off on the decl. arc; I determine a meridian with the solar and find that the true meridian bears North.

August 12, 1927: At 8h. a.m. apparent time, I set off 40°45½' on the lat. arc; 15°10'N., on the decl. arc; and determine a meridian with the solar, and find that the true meridian bears North.

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

No final test of the instrument at the completion of the resurvey of this township appears in these notes for the reason that observations were made on Polaris on line in the field during working hours on each clear day, and the solar meridians compared with those determined by observations on Polaris, with the result

that proper adjustment of the instrument was maintained throughout the progress of the resurvey.

MEASUREMENTS

Unless otherwise specified all measurements were made with Lallie steel ribbon tapes 5 and 8 chains in length, compared with a Lufkin standard steel tape 1 chain long and found correct. The measurements were made on the slope, and each measurement duplicated; the vertical angles determined by the improved model K.& E.Clinometer or with Buff & Buff transit , and all slope measurements properly reduced to true horizontal distances.

METHOD AND ORDER OF PROCEDURE

Subdivisions in secs. 31 and 32 being dependent upon the west two miles of the south boundary of T.1 S., R.2 E., a dependent resurvey was made of these lines; the cor. of secs. 32 and 33 being reestablished record course and distance east of the quarter-section cor, south boundary sec. 31 which was the most easterly original cor. found and identified. An independent resurvey was made of the east 4 miles by projecting a line east from the cor. of secs. 32 and 33 to an intersection with the west boundary of T.2 S.,R.3 E. where a closing cor. for Tps. 1 and 2 S.,R.2 E. was established. In order to protect the previously surveyed area in sec. 33, the cor. of secs. 33 and 34 was established on the boundary at a point south of the quarter-section cor. east boundary sec. 33. Quarter-section cor. south boundary sec. 33 was established at mid-point between the cor. of secs. 32 and 33, and the cor. of secs. 33 and 34. Fractional measurement of the remaining portion of the south boundary was

Chains

placed in the west half mile south boundary sec. 34.

The south 4 miles of the east boundary were retraced; all the corners found in place and the alinement of the boundary well within limits. Owing to the fact that the original cor. of Tps. 1 and 2 S., Rs. 2 and 3 E. was changed to refer to R.3 E. only, and a closing cor. established for Tps. 1 and 2 S., R.2 E., the original cors. along the S. 4 miles of the E. bdy. will function for R. 3 E. The original survey of the south 3½ miles of this boundary was executed by Robert Gorlinski, U. S. deputy surveyor in 1894, and the fact that the south half mile between secs. 13 and 18 had been surveyed by A. D. Ferron, U. S. deputy surveyor in 1891 upon which surveys in sec. 13, T.1 S. R.2 E., as shown on plat of survey approved March 23, 1894 were dependent was apparently overlooked. Being unable to find any evidence of the Ferron witness cor. to the cor. of secs. 13,18,19 and 24, I reestablish the cor. of secs. 13 and 24, T.1 S.,R.2 E. on the Gorlinski township boundary record distance south of the original quarter-section cor. on the E. boundary of sec. 13. A new set of corners for R.2 E. is also established at regular intervals northward on the township boundary counting from the closing corner of Tps. 1 and 2 S., R. 2 E. with fractional measurement placed in the north half mile E. boundary sec. 24. All the original Gorlinski corners on the boundary are appropriately altered to refer to R.3 E. only.

The west boundary of the township was retraced and all missing corners restored by single proportionate measurement.

The 3rd. latitudinal section line surveyed by A.D. Ferron, U. S. deputy surveyor in 1891, plat approved March 23,

1894, is the limiting north boundary for the resurveys in this township. Missing sec. cors. on this line were restored by three point control, and the quarter-section corners by single proportionate measurement. The dependent resurvey of those areas in the south-west portion of the township comprise the reestablishment of those lines also surveyed by A.D. Ferron, U. S. deputy surveyor in 1891, plat approved March 23, 1894. All the lines were retraced, and lost corners restored by proportionate measurement, except in those cases where lines were terminated with reference to measurement in one direction only, the corners were restored with reference to the original record, bearing and distance counting from the nearest regular corner, either identified or restored.

The independent resurvey includes a re-subdivision of all the area previously surveyed by A.P.Hanson, U. S. deputy surveyor, as shown on plat of survey approved June 9, 1903. These resurveys were accomplished in the regular manner by subdividing from south to north and from east to west, the method so adopted producing a maximum number of regular legal subdivisions. In those cases where it was necessary to establish closing corners, the proper quarter-section corners were established at mid-point between the closing corners, or at 40.00 chs. in one direction according to the plan of subdivision of the section.

In addition to the resurveys in this township, individual tract segregations, or metes-and-bounds surveys were made of all entered or patented land whose descriptions are based on the Hanson plat of survey approved June 9,1903, and which cannot be conformed to the lines of the resurvey. The complete record of these metes-and-bounds surveys is recorded in book "B", this group.

Chains

DEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T. 1 S., R. 2 E.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY A.D. FERRON, U.S.DEPUTY SURVEYOR IN 1891

Random lines

From the original cor. of Tps. 1 and 2 S., Rs. 1 and 2 E hereinafter described.

East, bet. secs. 6 and 31.

38.70 Fall 20 lks. N. of the ¼ sec. cor. hereinafter described.

The bearing of this half mile therefore is S.89°42'E., and the distance is 38.70 chs.

From ¼ sec. cor.,

East, with new measurement.

40.00 No trace of the cor. of secs. 5,6,31 and 32 can be found.

80.00 No trace of the ¼ sec. cor. bet. secs. 5 and 32 can be found.

120.00 No trace of the cor. of secs. 4,5,32, and 33 can be found.

True lines.

The original cor. of Tps.1 and 2 S., Rs. 1 and 2 E. is a limestone, firmly set in the ground and mound of stone, 14x8x6 ins. above the mound, marked with 6 notches on N., S., E., and W. edges; and witnessed by a few deeply embedded stones around cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 3 ins. in dia., 28 ins. in the ground for cor. of Tps. 1 and 2 S., Rs. 1 and 2 E., with brass cap marked

T1S

R1E	R2E
S36	S31
S1	S6

T2S

1926

DEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S.,R.2 E.

Chains	
	Raise a mound of stone, 3 ft.base, 2 ft.high, S.of cor.
	Cor. stands on steep W. slope in dense oak undergrowth about 5 ft. high, and 17.00 chs. east of the base of mountain on E. side of Great Salt Lake Valley.
	From this cor. the center of dome on the State Capitol in Salt Lake City, Utah, latitude 40°46' 39.517"N., longitude 111° 53' 15.295"W.,(U.S.G.S. bulletin 644-D, page 124) bears N.41°37'W.: large chimney at smelter in town of Murray, Utah, latitude 40°39' 26.395"N., longitude 111° 53' 27.400"W., (U.S.G.S.bulletin 644, page 121) bears S.74°26'W. The above azimuth determinations are accomplished with reference to a true meridian determined by observations made on Polaris at the township corner at 9h.03m.a.m.l.m.t., August 19,1926.
	Thence from township corner.
	S.89°42'E., along S. bdy. sec. 31.
	Ascend abruptly over general W. slope of mountain through dense oak, scattering maple and chaparral undergrowth.
6.00	Spur, 270 ft. above Tp. cor., projects SW.;continue ascent.
10.50	Head of draw, 140 ft. above spur, drains SW.; continue abrupt ascent.
18.20	Spur, 300 ft. above head of draw, projects SW.; ascend steep SW. slope.
38.70	The original Ferron ¼ sec. cor. bet. secs. 6 and 31, which is a sandstone, 16x10x6 ins., firmly set in an old deeply embedded mound of stone, marked ¼ on N. face; and witnessed by a small but distinct mound of stone N. of cor.
	Alongside original cor.,
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. S. bdy. sec. 31, T.1 S., R.2 E., with brass cap marked

DEPENDENT RESURVEY OF A PORTION OF SOUTH BOUNDARY OF T.1 S.,

chains

1831

1926

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

Cor. stands on steep SW. slope in dense undergrowth,

1360 ft. above township cor.

No trace of the Hanson ¼ sec. cor. bet.secs. 6 and 31

can be found.

Thence

East with continuous measurement.

Continue to ascend.

46.90 Head of draw, 215 ft. above ¼ sec. cor., drains SW.; asc

W. slope.

54.40 Top of high, sharp ridge and divide between Mill Creek

and Neff Canyon, 200 ft. above draw, and 1775 ft.

above township cor., bears SE., N. about 3 chs., then

N.85°W.; enter dense, tall undergrowth and scattering

aspen and pine timber; descend along steep N. slope.

57.80 Descend abruptly E. slope.

60.40 Draw, 120 ft. below ridge, drains NE.; ascend.

63.20 Low point, 15 ft. above draw, projects NE. about 3 chs.

distant; gradually descend E. slope.

65.00 Draw, 60 ft. below point, drains N.; abrupt ascent W.slop

68.20 Spur, 90 ft. above draw, projects N.;gradually descend.

72.60 Limestone ledge, 10 ft. high, bears SW. and NE. about

50 lks. to end.

77.60 Head of ravine, 85 ft. below spur, drains NW.; ascend

abruptly.

78.70 Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in

the ground for cor. of secs. 31 and 32, T.1 S.,R.2 E.,

with brass cap marked

T1S	R2E
S31	S32

T2S

1926

from which

DEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S.,R.2 E.

Chains	
	A spruce, 10 ins.diam.,bears N.42½°E., 36 lks. dist., marked T 1 S R 2 E S 32 B T
	No other bearing trees available.
	Raise a mound of stone, 3 ft.base, 2 ft.high, N.of cor.
	Cor. stands on steep general N. slope, 75 ft. above draw, in dense, tall undergrowth.
	No trace of either the Hanson or Ferron sec. cors. can be found.
	Land, rough, rugged mountains; general SW. exposure and drainage into Neff Canyon and Salt Lake Valley on W. 54.40 chs., and N. exposure and drainage into Mill Creek Canyon on remainder of mile.
	Soil, shallow mountain loam, decayed vegetation and rocky of limestone and sandstone formation, lying on dry clay loam and rock sub-soil; 2nd. to 4th. rates.
	Timber, scattered pine, spruce and aspen on E. portion of mile.
	Undergrowth, dense oak, 4 to 10 ft. high, maple, willow, chaparral, service berry, ash, buck brush, rose brush, and choke-cherry.
	Fair grazing on W. 54.40 chs.
	East, along S. bdy. sec. 32.
	Ascend abruptly over W. slope of rough mountainous land, through scattered timber and dense, tall undergrowth.
8.70	Sharp, rocky spur, 300 ft. above sec. cor., projects N.; enter medium growth of timber with exceptionally dense and tall undergrowth; descend E. and NE. slopes.
10.85	Limestone ledge, 20 ft. high, bears NE. and SW.
18.00	Enter scattered aspen timber, bears N. and S.
27.50	Right hand fork of Green's Canyon, 465 ft. below spur, drains N.; ascend abruptly W. slope.
33.70	Spur, 155 ft. above canyon, projects N.; gradually descend 15 ft. to
35.90	Middle fork of Green's Canyon, drains NW.; ascend steep

DEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S.,

Chains	
	W. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to solid rock on limestone outcropping, and 24 ins. in a large mound of stone for ¼ sec. cor S. bdy. sec. 32, T.1 S.,R.2 E., with brass cap marke ¼S32 / 1926
	from which
	A pine, 10 ins.diam.,bears N.½°E., 40 lks. dist., marked ¼ S 32 B T
	A fir, 10 ins.diam., bears N.21½°E., 30 lks. dist., marked ¼ S 32 B T
	Cor. stands on steep, rocky W. slope near top of spur.
	No trace of either the Ferron or Hanson ¼ sec. cors. can be found.
40.50	Spur, 205 ft. above canyon, projects N.; descend.
44.30	Leave dense timber and begin steep descent E. slope.
50.70	Draw, 340 ft. below spur, drains NE.; gradually ascend.
53.60	Low spur, 55 ft. above draw, projects N.; descend.
55.60	Left hand fork of Green's Canyon, 95 ft. below spur, drains NW.; ascend abruptly over W. and NW. slopes.
79.70	Sharp, rocky spur, 765 ft. above canyon, projects N.; descend.
80.00	On E. slope near top of spur and in W. edge of a small aspen thicket.
	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 32 and 33, T.1 S.,R.2 E., with brass cap marked T1S S32 | R2E S33 / T2S 1926
	from which
	An aspen, 3 ins diam.,bears N.58°E., 21 lks. dist., marked BT only.

chains

No other bearing trees available.

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

No trace of either the Hanson or Ferron sec. cors. can be found.

Land, rough, rugged mountains; precipitous slopes, with general N. exposure and drainage into Mill Creek Canyon.

Soil, shallow mountain loam and rocky of limestone and sandstone formation; sub-soil, dry, brown clay loam, gravelly and rocky; 3rd. and 4th. rates.

Timber, scattered to medium growth of spruce, fir, pine and aspen.

Undergrowth, rank growth of mountain ash, oak, maple, choke cherry, service berry, willow, box wood, rose brush and chaparral.

Slopes too steep and undergrowth too dense to permit grazing.

INDEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T. 1 S., R. 2 E.,SUPERSEDING SURVEY EXECUTED BY A.P.HANSON, U. S. DEPUTY SURVEYOR IN 1902

From the original cor. of Tps.1 and 2 S., Rs. 2 and 3 E., hereinafter described.

West, on a random line along the south boundary of T.1 S., R.2 E. setting temp. ¼ sec. and sec. cors. alternately at intervals of 40.00 chs., and, at 315.25 chs. fall 4.76 chs. N, of the reestablished cor. of secs. 32 and 33 heretofore described. This falling answers to a correction of more than 14' per mile, therefore, I begin at the cor. of secs. 32 and 33.

Thence

East, on true line along the S. bdy. of sec. 33.

Over rough, rugged mountainous land, through dense aspen and scattered fir timber, and dense, rank growth of undergrowth. Descend E. and NE. slope.

INDEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S.

Chains	
.75	Leave dense aspen thicket, bears NW. and S.
4.30	Draw, 130 ft. below sec. cor., drains NE.; gradually ascend.
14.30	Spur, 65 ft. above draw, projects NE. about 5chs., then N.; descend abruptly E. slope through scattered timber and dense undergrowth.
27.20	Bottom of fork of Thayne's Canyon, 450 ft. below spur, drains NE. about 1 ch. to junction with main canyon; ascend over low point.
27.80	Main bottom of Thayne's Canyon, drains N. about 1 ch., thence NW.; ascend abruptly W. slope through dense tall undergrowth; scattered fir timber on slope.
40.19	Spur, 500 ft. above canyon, projects N.40°W.; from this point a cabin belonging to The Boy Scouts of America, and situated in Church Fork Canyon, bears N.28°45'W. about 1½ miles distant. Enter dense young aspen timber, bears NW. and SE.; ascend along general E. slope.
40.60	Point midway bet. the cor. of secs. 32 and 33 and the cor. of secs. 33 and 34.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. S. bdy. sec. 33, T.1 S., R.2 E., with brass cap marked
	¼ S33 / 1926
	from which
	An aspen, 5 ins. diam., bears N.24°45'E., 38 lks. dist., marked ¼ S. 33 B T
	An aspen, 6 ins. diam., bears N.84½°E., 167 lks. dist., marked ¼ S 33 B T
48.70	Head of draw, 190 ft. above spur, drains N.60°W.; leave aspen timber and tall undergrowth, enter burnt area and scrub undergrowth, bears NW. and SE.; ascend abruptly general W. slope of mountain.

INDEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S.,R.2 E.

chains	
57.60	Spur, 500 ft. above draw, projects N.30°W.; ascend NW. slope over limestone and quartz outcroppings.
63.60	Head of draw, 130 ft. above spur, drains N.70°W.; ascend abruptly 260 ft. over W. slope to
68.65	High ridge and divide bet. Thayne's Canyon and Porter Canyon, 1580 ft. above Thayne's Canyon, bears NE. and SW.; descend precipitous SE. and E. slopes broken by limestone ledges, through scattered fir and mahogany timber and dense tall undergrowth.
71.40	Top of limestone ledge, 30 ft.high, bears NE. and SW.
77.75	Leave ledges and timber; continue through dense undergrowth, bears NE. and SW.
81.20	Intersect line bet. secs. 33 and 34, T.1 S., R. 2 E., projected south from the ¼ sec. cor. E. bdy. sec. 33.

Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground on solid rock and 20 ins. in a large mound of stone for cor. of secs. 33 and 34, T.1 S.,R.2 E., with brass cap marked

T1S S33	R2E S34

T2S
1926

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

Cor. stands on steep E. slope, 640 ft. below ridge divide bet. Thayne's and Porter Canyons.

No trace of either the Hanson ¼ sec. cor. bet. secs. 4 and 33, or the cor. of secs. 3,4,33, and 34 can be found.

Land, rugged mountains, general E. and W. exposure and drainage into Thayne's Canyon on W. 68.65 chs., and E. exposure and drainage into Porter Canyon on remainder of mile.

Soil, shallow mountain loam and rocky of limestone and quartz formation, lying on dry clay loam and rocky subsoil, 3rd. and 4th. rates.

Chains	
	Timber, scattered spruce and fir, with occasional aspen thickets.
	Undergrowth, dense, tall, rank growth of oak, salal, maple, mountain ash, chaparral, service berry, choke cherry, and rose brush.
	East, on true line along S. bdy. sec. 34.
	Descend general E. slope of mountain over rough mountainous land through tall, rank growth of brush, and very scattered timber.
10.20	Enter dense aspen timber, bears N. and S.
25.60	From this point a small spring of good water, bears N.45°E., approximately 1 ch. distant.
26.40	Ravine, 790 ft. below sec. cor., drains NE.; gradually ascend.
27.70	Top of ascent on broad spur projecting NE., 30 ft. above ravine; gradually descend NE. slope entering dense spruce timber.
34.05	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. S. bdy. sec. 34, T.1 S., R. 2 E., with brass cap marked ¼ S34 1926 from which A spruce, 10 ins.diam., bears N.86°E., 14 lks. dist., marked ¼ S 34 B T A spruce, 12 ins.diam., bears N.55°W., 39 lks. dist., marked ¼ S 34 B T Cor. stands on N. slope near E. edge of dense timber, bears N. and S.
35.00	Leave dense timber, bears N. and S.
35.96	From this point the Hanson ¼ sec. cor. bet. secs. 3 and 34, which is a limestone, 16x14x4 ins., firmly set in the ground, marked dimly ¼ on W. face, and witnessed

SUPPLEMENTARY RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S.,R.2 E.

Chains	
	by a small, deeply embedded mound of stone around cor., bears N.5°W., 86 lks. distant. I destroy cor.
36.00	Spur, projects N.20°E.; descend E. slope.
37.45	Old drag road, bears NE. and SW.
38.10	Draw, 130 ft. below spur, drains N.30°E.; ascend.
40.00	Spur, 50 ft. above draw, projects N.; enter dense timber, bears N. and S.; descend.
45.30	Old road in west side of bottom of Porter Canyon, bears N. and S.
46.60	Bottom of Porter Canyon and stream, 5 lks. wide, 4 ins. deep, good water, 110 ft. below spur, course N.30°W.; leave canyon and begin steep ascent over W. slope, bears N.30°W. and S.30°E.
47.90	Enter very dense undergrowth, bears N. and S.
58.45	Spur, 460 ft. above canyon, projects S.70°W.; ascend steep S. and SW. slopes 700 ft. to
74.05	Point for cor. of secs. 34 and 35 falls on face of a limestone ledge 50 ft. high, bears N.80°W. and S.80°E. where I am unable to establish cor., therefore at a point 35 lks. N.0°01'W. of the true cor. point,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone on solid rock for witness cor. to the cor. of secs. 34 and 35, with brass cap marked

T1S | R2E
S34 | S35
WC

T2S
1926

from which

A mahogany, 10 ins.diam.,bears N.27°E., 20 lks. dist.,marked W C T 1 S R 2 E S 35 B T

A mahogany, 8 ins.diam.,bears N.1°W., 3 lks. dist., marked W C T 1 S R 2 E S 34 B T

Cor. stands on top of ledge, 50 ft. high and on S. face of high ridge, bears S.80°E. and N.80°W.

From the witness cor., the Hanson cor. of secs.

Chains	
	34, and 35, which is a limestone, 20x10x8 ins., firm set in a mound of stone, marked with 2 notches on E. and 4 notches on W. edge; no accessories to cor., bears N.67°36'E., 2.59 chs. distant. I destroy cor.
	Land, rough, rugged mountains; general E. and W. exposure and drainage to Porter Canyon which drains N.
	Soil, brown mountain loam and rocky of limestone formation, lying on dry clay loam and rocky subsoil; 3rd. and 4th. rates.
	Timber, scattered spruce, fir and aspen on mile.
	Undergrowth, dense, tall oak, service berry, maple, choke cherry, buck brush, mountain ash, salal, rose brush, mahogany and chaparral.
	East, along S. bdy. of sec. 35, from true point for cor. of secs. 34 and 35.
	Over rugged mountainous land through dense scrub mahogany timber and undergrowth of oak, service berry brush chaparral, and weeds. Ascend abruptly over ledge.
.50	Top of ledge, 50 ft. high, bears N.80°W. and S.80°E.
2.50	Rocky point, falls S.; thence along steep S. slope,
4.50	Ascend abruptly over W. slope.
7.70	High, rocky ridge, 275 ft. above point for cor. of secs. 34 and 35, bears N.80°W. and S.80°E.; descend E. slope through dense undergrowth and scrub timber.
12.20	Leave mahogany, enter aspen and fir timber, bears NW. and SE.
25.15	Head of draw, 155 ft. below ridge, drains N.60°W.; leave fir timber and ascend through dense aspen timber.
25.70	Trail, bears N.60°W. and S.10°E.
39.00	Leave aspen timber, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. S. bdy. sec. 35, T.1 S., R.2 E., with brass cap marked

S. INDEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S.,R.2 E

Chains	
	¼ S35
	1926
	Raise a mound of stone 3 ft.base, 2 ft.high, N. of cor.
	No suitable bearing trees available.
	No trace of the Hanson ¼ sec. cor. can be found.
	Cor. stands on steep, open N. slope.
	Ascend from ¼ sec. cor. over N. and NW. slopes; a few scattered fir trees on both sides of line.
48.40	Spur, 200 ft. above draw, projects N.; descend E. and NE. slopes; timber very scattered.
58.15	Pole Canyon, near head, drains N.60°W.; ascend abruptly over W. slope.
61.00	Enter dense aspen timber, bears N. and S.
75.00	Leave aspen timber, bears N. and S.
77.50	Top of high ridge, 675 ft. above Pole Canyon, bears N.10° E. and S.10°W. This is the highest point of elevation above sea level in the township.
	Descend abruptly over E. slope.
79.00	Enter scattered scrub aspen timber, bears NW. and SE.
80.00	In edge of aspen timber on steep E. slope, 150 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 35 and 36, T.1 S.,R. 2 E., with brass cap marked

T1S	R2E
S35	S36

T2S
1926

from which

An aspen, 5 ins. diam., bears N.8¼°W., 19 lks. dist., marked T 1 S R 2 E S 35 B T

An aspen, 5 ins.diam.,bears N.57°W., 28 lks. dist., marked T 1 S R 2 E S 35 B T

No other suitable bearing trees available.

From this cor. the Hanson cor. of secs. 1,2,35,and 36,

Chains	
	which is a sandstone, 16x9x6 ins. above ground, firmly set, marked with 1 notch on E. and 5 notches on W. edge, and witnessed by a small mound of stone N. of cor., bears N.58°52'E., 1.18 chs. distant. I destroy cor.
	Land, rough, rugged mountains; general N. exposure and drainage to Mill Creek Canyon.
	Soil, mountain loam and rocky of sandstone and limestone formation; subsoil, dry, clay loam and rocky; 3rd. and 4th. rates.
	Timber, dense aspen thickets and scattered fir and spruce.
	Undergrowth, medium to a dense growth of oak, maple, salal, choke cherry, rose brush, service berry brush, weeds and grass.
	East, along S. bdy. of sec. 36.
	Descend abruptly general E. slope over rough mountainous land through dense undergrowth.
2.20	Enter aspen thicket, bears NE. and S.
6.20	Leave aspen thicket, bears N. and SE.
10.50	Enter dense scrub aspen timber, bears N. and S.
18.60	Leave dense timber, thence through more scattered timber, bears N. and S.
25.10	Bottom of Alexander Fork of Mill Creek Canyon, in wide basin, 750 ft. below sec. cor., drains N.; ascend abruptly.
33.50	Begin precipitous ascent over limestone ledges and outcroppings, bears N. and S.
37.90	Sharp, rocky limestone spur, 335 ft. above canyon, projects N.; gradually descend along general N. slope entering dense aspen, spruce and fir timber.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. S. bdy. sec. 36, T.1 S., R. 2 E., with brass cap marked

DEPARTMENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S., R.2 E.

Chains

¼ S36

1926

from which

A balsam, 16 ins.diam., bears N.5°W., 10 lks. dist., marked ¼ S 36 B T

A balsam, 12 ins. diam., bears N.27°E., 23 lks. dist., marked ¼ S 36 B T

Cor. stands on steep N. slope, and on S. side near west end of a large, fallen pine tree lying nearly E. and W.

From ¼ sec. cor., the Hanson ¼ sec. cor. bet. secs. 1 and 36, which is a sandstone, 10x8x6 ins. above ground, firmly set, marekd ¼ on N. face, and unwitnessed, bears N.42°E., 77 lks. dist. I destroy cor.

46.20 Head of draw, 60 ft. below spur, drains NW.; gradually ascend through dense timber.

58.80 Spur, 80 ft. above draw, projects N.; abrupt descent E. slope through dense scrub timber and tall undergrowth.

63.50 Leave dense timber, bears N. and S.

67.30 Reenter dense scrub timber, bears N. and S.

78.00 Draw, 410 ft. below spur, drains N.; ascend NW. slope.

80.00 Intersect W. bdy. of T.2 S., R.3 E., 4.76 chs. south of the original cor. of Tps.1 and 2 S., Rs. 2 and 3 E., which is a quartzite stone, 6x10x8 ins. above ground, firmly set, marked with 6 notches on N., S., E., and W. edges; from which

A dead aspen, 6 ins.diam., bears N.70¼°E., 36 lks. dist., marked T 1 S R 3 E S 31 B T

A pine, 12 ins.diam., bears S.34½°E., 57 lks.dist.; I am unable to read the marks on this tree.

A pine, 12 ins.diam., bears S.24°W., 20 lks. dist., marked T 2 S R 2 E S 1 B T

A pine, 10 ins.diam., bears N.22°W., 3 lks. dist., marked T 1 S., R 2 E S 36 B T

INDEPENDENT RESURVEY OF PORTION OF SOUTH BOUNDARY OF T.1 S.

Chains

This cor. will now refer to Tps. 1 and 2 S., R. 3 E., therefore, I destroy marks on the W. edge of cor. monument and deface the bearing trees in sec. 36, T. 1 S., R. 2 and in sec. 1, T. 2 S., R. 2 E. I also mark new bearing trees in sec. 31, T. 1 S., R. 3 E., and in sec. 6, T. 2 S., R. 3 E., as follows:

A balsam, 10 ins. diam., bears N. 68°45' E., 39 lks. dist., marked T 1 S R 3 E S 31 B T

A pine, 12 ins. diam., bears S. 18½° E., 48 lks. dist., marked T 2 S R 3 E S 6 B T

At point of intersection of the south boundary of T. 1 S., R. 2 E., with the W. bdy. of T. 2 S., R. 3 E.,

Set an iron post, 3 ft. long, 3 ins. in dia., 8 ins. in the ground on solid rock and 24 ins. in a large mound of stone for closing cor. of Tps. 1 and 2 S., R. 2 E., with brass cap marked

```
          T1S
     R2E  |  R3E
     S36  |
CC ------|  S6
     S1   |
          T2S
          1926
```

from which

A pine, 24 ins. diam., bears S. 63½° W., 18 lks. dist., marked T 2 S R 2 E S 1 C C B T

A balsam, 10 ins. diam., bears N. 73° W., 43 lks. dist., marked T 1 S R 2 E S 36 C C B T

Cor. stands on steep NW. slope.

No trace of the Hanson closing cor. of Tps. 1 and 2 S., R. 2 E., can be found.

Land, rough, rugged mountains; general N. exposure and drainage to Mill Creek Canyon.

Soil, mountain loam and rocky of limestone formation; subsoil, dry clay and rocky; 2nd. to 4th. rates.

Timber, dense aspen thickets, and scattered to medium growth of balsam and spruce.

Chains	
	Undergrowth, dense and tall oak, maple, mountain ash, service berry brush, chaparral, rose brush, salal, weeds, and grass.

DEPENDENT RESURVEY OF PORTION OF EAST BOUNDARY OF T.1 S., R. 2 E.

Random lines.

	From the original cor. of secs.7,12,13, and 18, hereinafter described.
	South, bet. secs. 13 and 18.
40.03	Fall 22 lks. E. of the original ¼ sec. cor. hereinafter described.
	The bearing of this half mile therefore is N.0°19'E., and the distance is 40.03 chs.
	From ¼ sec. cor., continue
	South, with continuous measurement.
60.00	No trace of the witness cor. to the cor. of secs. 13,18, 19, and 24 can be found.
67.25	Fall 2 lks. W. of the original cor. of secs. 13,18,19, and 24 hereinafter described.
	The bearing of this half mile therefore is N.0°02'W., and the distance is 27.22 chs.

	From the cor. of secs. 13,18,19, and 24.
	South, bet. secs. 19 and 24.
41.14	Fall 4 lks. W. of the original ¼ sec. cor., hereinafter described.
	The bearing of this half mile therefore is N.0°03'W., and the distance is 41.14 chs.
	From ¼ sec. cor., continue
	South, with continuous measurement.
81.84	Fall 1 lk. E. of the original cor. of secs. 19,24,25, and 30 hereinafter described.
	The bearing of this half mile therefore is N.0°01'E., and the distance is 40.70 chs.

Chains

From the cor. of secs. 19, 24,25, and 30.

South, bet. secs. 25 and 30.

40.65 Fall 2½ lks. E. of the original ¼ sec. cor. hereinafter described.

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

From ¼ sec. cor., continue

South, with continuous measurement.

81.06 Fall 3½ lks. E. of the original cor. of secs. 25,30,31, and 36 hereinafter described.

The bearing of this half mile therefore is N.0°03'E., and the distance is 40.41 chs.

From the cor. of secs. 25,30,31, and 36.

South, bet. secs. 31 and 36.

40.82 Intersect the original ¼ sec, cor. hereinafter described.

The bearing of this half mile therefore is North, and the distance is 40.82 chs.

From ¼ sec. cor. continue

South, with continuous measurement.

82.07 Fall 6 lks. W. of the original cor. of Tps. 1 and 2 S., Rs. 2 and 3 E., changed to refer to Tps. 1 and 2 S., R. 3 E. only, heretofore described.

The bearing of this half mile therefore is N.0°05'W., and the distance is 41.25 chs.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY ROBERT GORLINSKI, U. S. DEPUTY SURVEYOR IN 1894.

True Lines

From the cor. of Tps. 1 and 2 S., R. 3 E. heretofore described.

N.0°05'W., along W. bdy. sec. 31, T.1 S., R.3 E.

Descend NW. slope over rough mountainous land through

DEPENDENT RESURVEY OF PORTION OF EAST BOUNDARY OF T.1 S., R. 2 E.

Chains	
	dense pine, fir, and aspen timber and dense, tall undergrowth.
2.00	Leave timber and enter open draw, bears NE. and SW.
4.00	Bottom of draw, 60 ft. below Tp. cor., drains NE.; gradually ascend.
5.00	Leave draw, enter dense aspen and scattered pine timber, bears NE. and SW.
6.70	Spur, 25 ft. above draw, projects NE.; gradually descend NE. slope.
11.50	Head of small draw, 40 ft. below spur, drains E.; ascend.
14.30	Leave dense aspen timber, bears E. and W.
14.50	Spur, 35 ft. above draw, projects NE.
14.70	Enter dense timber and tall undergrowth, bears E. and W.; begin precipitous descent over N. slope.
32.70	Leave dense timber in S. edge of bottom of Mill Creek Canyon, bears E. and W.
33.50	Road in canyon, bears NE. and NW.
34.00	Mill Creek, 10 lks. wide, 6 ins. deep, good water, 750 ft. below spur, course W.; leave canyon and begin steep ascent over S. slope through dense aspen thicket.
35.24	Northing of 40.00 chs. from the closing cor. of Tps. 1 and 2 S., R. 2 E.
	Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for ¼ sec. cor. E. bdy. sec. 36, T.1 S., R.2 E., with brass cap marked
	¼S36 | 1926
	from which
	An aspen, 6 ins. diam., bears S.30°W., 11 lks. dist., marked ¼ S 36 B T
	An aspen, 8 ins. diam., bears N.27°W., 12 lks. dist., marked ¼ S 36 B T
	Cor. stands in dense aspen thicket on SW. slope.
36.00	Leave aspen thicket, bears NW. and SE.; continue steep ascent through dense, tall undergrowth.

Chains	
41.25	The original ¼ sec. cor. bet. secs. 31 and 36, which is a limestone, 3x8x6 ins. above ground, firmly set, marked ¼ on W. face; from which
	A dead limb on balsam fir, 3 ins. diam., bears S.89½°E., 56 lks. dist., marked ¼ SBT
	No trace of the bearing tree reported S.31°35'E. 1.15 chs. dist. from cor. can be found.
	Cor. is also witnessed by a small, deeply embedded mou of stone W. of cor.
	Alongside original cor.,
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. i the ground for ¼ sec. cor. W. bdy. sec. 31, T.1 S., R.3 E., with brass cap marked
	¼S31 | 1926
	from which
	A balsam, 7 ins. diam., bears S.89½°E., 56 lks. dist., marked ¼ S 31 B T
	Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor
	Cor. stands on steep S. slope of canyon in dense oak an maple undergrowth, about 50 lks. NE. of a limestone outcrop, and 50 lks. NW. of the W. point of a small limestone ledge bearing E. and W.
	Thence
	North, with continuous measurement.
44.25	Spur, 425 ft. above Mill Creek Canyon, projects W.; descend NW. slope.
47.50	Enter dense aspen and scattered pine timber, bears E. an
49.40	Draw, 150 ft. below spur, drains SW.; ascend.
51.60	Low spur, 35 ft. above draw, projects SW. about 3 chs. distant; gradually descend.
56.10	Draw, 20 ft. below spur, drains SW.; ascend S. slope.
59.40	Leave dense timber, bears E. and W.

DEPENDENT RESURVEY OF PORTION OF EAST BOUNDARY OF T.1 S., R.2 E.

CHAINS	
65.20	Spur, 250 ft. above draw, projects SW.; gradually descend along W. slope through very dense undergrowth.
66.60	Enter dense scrub aspen timber, bears E. and W.
74.30	Draw, 40 ft. below spur, drains S.40°W.; ascend.
75.10	Spur, 40 ft. above draw, projects S.40°W.; descend.
75.24	Northing of 80.00 chs. from the closing cor. of Tps. 1 and 2 S., R. 2 E.

Set an iron post, 3 ft. long, 2 ins. in dia., 25 ins. in the ground for cor. of secs. 25 and 36, T.1 S., R. 2 E., with brass cap marked

T1S S25	T1S R3E
S36 R2E	S31

1926

from which

An aspen, 5 ins.diam., bears S.27°45'W., 35 lks. dist., marked T 1 S R 2 E S 36 B T

An aspen, 6 ins.diam., bears N.64¼°W., 55 lks. dist., marked T 1 S R 2 E S 25 B T

Cor. stands on steep NW. slope in dense scrub aspen timber and tall undergrowth.

76.00	Draw, drains SW.; ascend abruptly S. slope.
76.03	No trace of the Hanson closing cor. of secs. 25 and 36 can be found.
82.07	The original cor. of secs. 25,30,31, and 36, which is a sandstone, 6x8x6 ins. above ground, firmly set, marked with 5 notches on N. and 1 notch on S. edge; from which,

A maple, 2 ins.diam.,bears S.82½°W., 13 lks. dist., marked T 1 S R 2 E S 36 B T

A maple, 3 ins.diam.,bears N.28½°W., 15 lks. dist.,marked T 1 S R 2 E S 25 B T

No trace of the bearing trees reported in secs. 30 and 31, T.1 S., R. 3 E. can be found.

Chains

I destroy the bearing trees in secs. 25 and 36, T.1 S., R.2 E. and as no suitable bearing trees are availabl in secs. 30 and 31, T.1 S., R. 3 E.;

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

The cor. monument is in a good state of preservation, and now refers to secs. 30 and 31, T.1 S., R. 3 E. only.

Cor. stands on steep S. slope, 200 ft. above draw near N. edge of a dense scrub aspen thicket.

Land, rough, rugged mountains; general N. and S. exposur and drainage to Mill Creek Canyon.

Soil, brown mountain loam and rocky of limestone and sandstone formation; subsoil; dry clay loam and rocky; 2nd. and 4th. rates.

Timber, pine, spruce and fir, with dense aspen thickets. The pine, fir and spruce are chiefly on the N. slopes and scattered on the S. exposures.

Undergrowth, dense and tall oak, maple, choke cherry, chaparral, mountain ash, rose, sage, salal, mahogany, weeds and grass.

N.0°03'E., along W. bdy. sec. 30, T.1 S., R.3 E.

Ascend abruptly over general S. slope of rugged mountainous land, through dense scrub aspen timber, and tall, rank growth of oak, sage, maple, choke cherry, service berry and chaparral undergrowth.

.75 Leave timber, bears NE. and SW.

21.80 Top of ridge and divide bet. Lamb's Canyon and Mill Creek Canyon, 900 ft. above sec. cor., bears E., W. about 2 chs., thence NW.; descend.

22.60 Enter dense spruce and fir timber, also scattered aspens, bears E. and W.

30.80 Leave spruce and fir timber, enter dense aspen timber, bears E. and W.

33.17 Northing of 40.00 chs. from the cor. of secs. 25 and

S. [illegible] RESURVEY OF PORTION OF EAST BOUNDARY OF T.1 S., R.2 E.

and 36, T.1 S., R.2 E.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. N. bdy. sec. 25, T.1 S., R.2 E., with brass cap marked

¼S25

1926

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

No suitable bearing trees available.

Cor. stands on steep N. slope in dense, tall undergrowth and scattered aspen timber.

38.50 Reenter dense spruce and fir timber, bears E. and W.

40.41 The original ¼ sec. cor., which is a limestone, 8x10x5 ins. above ground, firmly set, marked ¼ on W. face; from which

A balsam, 12 ins.diam., bears N.50°45'E., 7 lks. dist., marked ¼ S B T

A balsam, 24 ins.diam.,bears N.85¼°W., 27 lks. dist., marked ¼ S B T

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. W. bdy. sec. 30, T.1 S., R.3 E., with brass cap marked

¼S30

1926

I also destroy the bearing tree in sec.25, T.1 S.,R.2 E. and mark a new bearing tree as follows:

A balsam, 14 ins.diam., bears S.65¼°E., 33 lks. dist., marked ¼ S 30 B T

Cor. stands on E. slope near N. edge of large spruce and fir timber.

Thence

N.0°02'E., with continuous measurement.

41.20 Leave spruce and fir timber, bears E. and W.

DEPENDENT RESURVEY OF PORTION OF EAST BOUNDARY OF T.1 S., R.2 E.

Chains

42.20 Spur, 330 ft. below divide, projects NE.; descend abruptly.

45.90 Leave aspen timber, bears E. and W.

49.50 Enter dense fir and aspen timber, also exceptionally dense, tall undergrowth., bears E. and W.

56.00 Draw, 455 ft. below spur, drains E. about 5 chs., thence NE.; gradually ascend.

60.80 Spur, 30 ft. above draw, projects NE.; precipitous descent over N. slope through dense timber and undergrowth.

73.17 Northing of 80.00 chs. from the cor. of secs. 25 and 36, T.1 S., R.2 E.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for cor. of secs. 24 and 25, T.1 S., R. 2 E., with brass cap marked

T1S S24	T1S R3E
S25 R2E	S30

1927

from which

An aspen, 10 ins.diam., bears S.83°W., 33 lks. dist., marked T 1 S R 2 E S 25 B T

An aspen, 12 ins.diam., bears N.18°W., 40 lks. dist., marked T 1 S R 2 E S 24 B T

Cor. stands on N. slope in dense aspen timber, 460 ft. below spur. No trace of the Hanson closing cor. of secs. 24 and 25 can be found.

76.40 Leave timber, bears E. and W.; continue through tall, rank growth of brush.

81.06 The original cor. of secs. 19,24,25, and 30, which is a sandstone, 4x10x8 ins. above ground, firmly set, marked with 4 notches on N. and 2 notches on S. edge; from which

A willow, 4 ins.diam., bears N.66½°E., 31 lks. dist., marked T 1 S R 3 E S 19 B T

DEPENDENT RESURVEY OF PORTION OF EAST BOUNDARY OF T.1 S.,R.2 E.

Chains	
	A willow, 3 ins.diam.,bears S.72°E., 12 lks. dist.,marked T 1 S R 3 E S 30 B T
	No trace of other bearing trees at this cor. could be found.
	Cor. monument is in a good state of preservation, and now refers to secs. 19 and 30, T.1 S.,R.3 E. only.
	Cor. stands on steep N. slope, 175 ft. below cor. of secs. 24 and 25, T.1 S., R.2 E. and in very dense and tall undergrowth.
	Land, rough, rugged mountains with general N. and S. exposure and drainage from divide bet. Lamb's Canyon and Mill Creek Canyon.
	Soil, mountain loam and rocky of limestone formation; subsoil, dry clay loam and rock; 2nd. and 4th. rates.
	Timber, dense aspen thickets, spruce, balsam fir and pine.
	Undergrowth, tall and rank growth of oak, maple, willow, rose, chaparral, service berry, choke cherry, mountain ash, salal, weeds and grass.

	N.0°01'E., along W. bdy. sec. 19, T.1 S.,R.3 E.
	Descend N. slope over rugged mountainous land through very dense tall undergrowth.
3.30	Enter spruce and fir timber, bears E. and W.
10.90	Bottom of canyon and stream, 3 lks. wide, 2 ins. deep, good water, 200 ft. below sec. cor., course NE.; very dense willow and birch undergrowth in canyon. Leave timber and begin ascent through dense oak and maple undergrowth, bears NE. and SW.
17.50	Stream of good water, 1 lk. wide, 1 in. deep, in depression on SE. slope, course SE.; ascend general S. slope; scattered aspen thickets on slope.
29.00	Leave aspen timber, bears E. and W.
32.11	Northing of 40.00 chs. from the cor. of secs. 24 and 25,

Chains

T.1 S.,R.2 E.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. E. bdy. sec. 24, T.1 S. R. 2 E., with brass cap marked

¼ S24 | 1927

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

No suitable bearing trees available.

34.20 Spur, 480 ft. above canyon, projects E.; enter scattered fir timber and begin steep descent over N. slope, bears E. and W.

38.40 Head of draw, 200 ft. below spur, drains NE.; leave fir timber, bears NE. and SW. Descend along NE. slope.

40.70 The original ¼ sec. cor., which is a sandstone, 19x9x5 ins., lying on the ground, marked ¼ on one face; from which

A sandstone outcropping, marked X ¼ BO, bears N.20°21'E., 43 lks. distant.

A mahogany, 4 ins.diam., bears N.8°45'W., 80 lks. dist., marked ¼ S BT

I reset brigina1 cor. monument 10 ins. in the ground, marked ¼ on E. face, and alongside same,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. W. bdy. sec. 19, T.1 S., R. 3 E., with brass cap marked

| ¼S19 1927

I also destroy the bearing tree in sec. 24.

Thence

N.0°03'W., with continuous measurement.

42.60 Spur, projects NE.; descend abruptly N.and NW. slopes.

43.60 Enter scattered fir timber, bears E. and W.

Chains	
50.00	Draw, 575 ft. below spur, drains SE.; leave timber, thence ascend and descend along steep, broken E. slope.
69.06	Southing of 40.00 chs. from the Ferron ¼ sec. cor. bet. secs. 13 and 18.
	Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 13 and 24, T.1 S., R. 2 E., with brass cap marked

T1S S13	T1S R3E
S24 R2E	S19

1927

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

Cor. stands on very steep E. slope about 5 chs. W. of the bottom of Lamb's Canyon.

REESTABLISHMENT OF THE SURVEYS
EXECUTED BY A.D.FERRON, U. S.
DEPUTY SURVEYOR IN 1891.

From the cor. of secs. 13 and 24, T.1 S.,R.2 E., continue N.0°03'W., with continuous measurement.

71.15	Spur, 340 ft. below draw, projects E. about 3 chs.dist.; descend abruptly.
73.45	Ravine, 135 ft. below spur, drains E. about 4 chs. to junction with Lamb's Canyon. Ascend abruptly.
76.15	Top of steep ascent, thence along E. slope.
78.04	No trace of the Hanson closing cor. of secs. 13 and 24, T.1 S.,R.2 E. can be found.
81.00	Enter spruce and fir timber, bears E. and W.; descend NE. slope 50 ft. to
81.84	The Gorlinski cor. of secs. 13,18x19,and 24, which is a red sandstone, 10x14x6 ins. above ground, firmly set, marked with 3 notches on N. and 3 notches on S. edge; from which

A pine, 10 ins.diam.,bears N.70°E., 10 lks. dist.; I am unable to read the scribe marks on this tree, therefore remark tree as follows:

DEPENDENT RESURVEY OF PORTION OF EAST BOUNDARY OF T.1 S.,

Chains

T 1 S R 3 E S 18 B T

The SE. bearing tree, a pine, 8 ins. diam., which bears S.16°E., 66 lks. dist. is dead and fallen;

I mark a new tree as follows:

A pine, 10 ins. diam., bears S.3½°E., 60 lks. dist., marked T 1 S R 3 E S 19 B T

A mahogany, 4 ins. diam., bears S.24½°W., 12 lks. dist., marked T 1 S R 2 E S 24 B T ; I destroy this bearing tree.

A mahogany, 6 ins. diam., bears N.37½°W., 51 lks. dist., marked T 1 S R 2 E S 13 B T ; I destroy this bearing tree.

This sec. cor. now refers to secs. 18 and 19, T.1 S., R. 3 E. only, and is in a good state of preservation.

Land, rough mountainous; general E. exposure and drainage to Lamb's Canyon.

Soil, shallow mountain loam and rocky of sandstone and limestone formation; 3rd. and 4th. rates.

Timber, scattered aspen thickets and clusters of spruce and fir.

Undergrowth, dense and tall oak, service berry, maple, mahogany, choke cherry, chaparral, mountain ash, willow, manzanita, rose brush, grass and weeds.

N.0°02'W., bet. secs. 13 and 18.

Descend NE. slope over rough mountainous land through scattered spruce and fir timber and rank growth of brush.

6.80 Road, in bottom of S. side of Lamb's Canyon, bears NW. and SE.

7.00 Creek in bottom of Lamb's Canyon, 10 lks. wide, 1 ft. deep, 155 ft. below sec. cor., course NW.; leave timber and ascend abruptly over SW. slope through very dense undergrowth.

15.20 Spur, 315 ft. above Canyon, projects SW.; descend

Chains	
	abruptly over N. slope.
20.00	Draw, 135 ft.below spur, drains SW.; ascend abruptly S. slope 250 ft. to
27.22	The original Ferron ¼ sec. cor. bet. secs. 13 and 18, which is a shale sandstone, 8x9x10 ins. above ground, firmly set, marked dimly ¼ on W. face; and witnessed by a few deeply embedded stones around cor.
	Alongside cor.,
	Set an iron post, 3 ft. long, 1 in. in dia.,28 ins. in the ground for ¼ sec. cor. E. bdy. sec. 13, T.1 S., R.2 E., with brass cap marked
	¼S13 | 1927
	Raise a mound of stone 2 ft.base, 1½ ft.high, W.of cor.
	Thence
	N.0°19'E., with continuous measurement.
52.70	Spur, 150 ft. above ¼ sec. cor., projects NW.; leave tall undergrowth, enter scrubby brush 3 to 5 ft. high.
54.10	From this point, water tank on Park City branch of D.& R. G. Ry. at Barclay, Utah, bears N.33°30'W.
	Descend N. slope.
58.70	Enter dense, tall undergrowth, bears E. and W.
59.40	Draw, 340 ft. below spur, drains NW.; thence along nearly W. slope.
63.20	Spur, 15 ft. above draw, projects W.; leave dense undergrowth and descend N. and NW. slopes 130 ft. to
67.25	The original Hardy cor. of secs. 7,12,13, and 18, which is a red sandstone, 14x9x8 ins. above ground, firmly set, marked with 2 notches on N. and 4 notches on S. edge, and witnessed by deeply embedded mound of stone around cor.
	This cor. now refers to secs. 12 and 13, T.1 S.,R.2 E. and is in a good state of preservation.
	The bearing trees reported at this cor. could not be found owing to the fact that the country in this

Chains

vicinity has been ravaged by fires.

From this cor., U.S.Geological Survey bench mark, as noted in bulletin No. 566, and which is an iron pe 4 ins. in dia., firmly set in the ground, marked

ELEV	ATION
above	sea
6204	FEET
DATUM	SLAK

bears S.88°42'W., 18.86 chs. distant.

Land, rough mountainous; general N. exposure and drain

Soil, brown mountain loam and rocky of sandstone and limestone formation; 2nd. and 4th. rates.

Timber, scattered spruce and fir on S. portion of mile.

Undergrowth, dense oak, service berry brush, maple, mahogany, choke cherry, sagebrush, grass and weeds.

DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T.1 S.,R.2 E.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY
A.D.FERRON, U.S.DEPUTY SURVEYOR IN 1884
AND 1891.

Random lines.

From the original cor. of Tps. 1 and 2 S., Rs. 1 and 2 E heretofore described.

North, bet. secs. 31 and 36.

41.22 Fall 59 lks. E. of the original ¼ sec. cor. hereinafter described.

The bearing of this half mile therefore is N.0°49'W., and the distance is 41.22 chs.

From ¼ sec. cor.,

North, with new measurement.

40.00 No trace of the cor. of secs. 25,30,31, and 36 can be found.

80.00 No trace of the ¼ sec. cor. bet. secs. 25 and 30 can be found.

120.00 No trace of the cor. of secs. 19,24,25, and 30 can be found.

160.00 No trace of the ¼ sec. cor. bet. secs. 19 and 24 can

Chains	
	be found.
200.00	No trace of the cor. of secs. 13,18,19, and 24 can be found.
240.00	No trace of the ¼ sec. cor. bet. secs. 13 and 18 can be found.
280.00	No trace of the cor. of secs. 7,12,13, and 18 can be found.
320.00	No trace of the ¼ sec. cor. bet. secs. 7 and 12 can be found.
360.00	No trace of the cor. of secs. 1,6,7, and 12 can be found.
400.45	Fall 2.78 chs. E. of the ¼ sec. cor. bet. secs. 1 and 6 hereinafter described.
	The bearing of the line connecting the ¼ sec. cor. bet. secs. 31 and 36 and the ¼ sec. cor. bet. secs. 1 and 6 therefore is N.0° 24'W., and the proportionate distance for each half mile is 40.045 chs.
	From the ¼ sec. cor. bet. secs. 1 and 6.
	North
40.09	Fall 6 lks. W. of the closing cor. of T.1 S., Rs. 1 and 2 E. hereinafter described.
	The bearing of this half mile therefore is N.0°05'E., and the distance is 40.09 chs.

True lines.

From the original cor. of Tps. 1 and 2 S., Rs. 1 and 2 E. heretofore described.

N.0°49'W., bet. secs. 31 and 36.

Over mountainous land through short scrub undergrowth of oak, sagebrush, weeds and grass. Descend NW. slope.

1.60	Draw, 25 ft. below cor., drains SW.; ascend.
5.10	Spur, 130 ft. above draw, projects SW.; gradually descend.
11.10	Small draw, 55 ft. below spur, drains W.; ascend SW. slope 315 ft. to

Chains

25.80 Sharp rocky spur, on S. side of Mill Creek Canyon, projects NW., descending rapidly to Salt Lake Valley which is approximately ½ mile to the west. Descend precipitous N. slope into Mill Creek Canyon over broken quartz ledges and through patches of dense oak and mahogany undergrowth.

41.22 The original ¼ sec. cor., which is a sandstone, 18x10x8 ins., firmly set in the ground and mound of stone, marked ¼ on W. face, and witnessed by a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Alongside original cor.,

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

¼

S36 | S31

1926

from which

A cottonwood, 14 ins. diam., bears N.18°45'E., 370 lks. dist., marked ¼ S 31 B T

No other trees available.

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

Cor. stands on precipitous N. slope in slide rock, 735 ft. below spur.

From this ¼ sec. cor., the resestablished U.S. Mineral Monument No.9, Hot Springs Mining District, Salt Lake County, Utah, which is an iron post, 3 ins. in dia., firmly set in a large mound of stone, with brass cap marked

USMM No 9

1927

bears N.65° 16'E., 33.08 chs. distant.

Cor. No. 1, Mineral Survey 3043, Rattlesnake Lode, which is a pine post, 4 ins. square, 30 ins. above ground, firmly set, marked 1-3043 on NW. face, bears N.87° 21' E., 25.92 chs. distant.

Chains	
	The above direct ties are computed from the following traverse lines which were double chained, and the azimuth determinations accomplished by observations made on Polaris:
	From the ¼ sec. cor. bet. secs. 31 and 36.
	North, .01 chs.
	N.66°03'E., 26.02 chs.,
	N.62°26'E., 7.07 chs., to U.S.M.M.No. 9; thence from U.S.M.M.No.9,
	N.89°03'W., 8.22 chs. to cor. No.1, Mineral Survey 3043, Rattlesnake Lode.
	I return to the ¼ sec. cor. bet. secs. 31 and 36,
	Thence continue
	N.0°24'W., bet. secs. 31 and 36 with continuous measurement.
	Descend abruptly.
45.00	Bottom of Mill Creek Canyon and stream, 2 lks. wide, 1 in. deep, 150 ft. below ¼ sec. cor., course NW. about 1 ch. distant, thence W.; dense cottonwood timber and birch undergrowth along canyon bottom. Ascend.
46.50	From this point a cobblestone pillar, 3 ft. square, 9 ft. high, marked BOUNDARY WASATCH NATIONAL FOREST, bears E., 50 lks. distant.
47.00	Road, in Mill Creek Canyon, bears NW. and SE.; a concrete bridge across Mill Creek, bears SE., approximately 3.00 chs. distant. Begin ascent over general S. slope of mountain through dense, tall undergrowth.
47.25	Power line, bears E. and W.
50.30	Top of quartz ledge, 20 ft. high, bears E. and W.; leave tall undergrowth.
53.85	Line crosses abandoned cut and workings of a gypsum placer mine.
54.80	Top of limestone ledge, 30 ft. high, bears NW. and SE.; enter scattered scrub cedar timber, bears E. and W. Ascend more abruptly; surface covered with loose

Chains	
	limestone shale rock.
66.60	Wood stave pipe line, 3 ft. diameter, bears N.88°W. and S.88°E.
75.90	High ridge spur, 1120 ft. above Mill Creek Canyon, projects S.80°W.; leave cedar timber and descend N. slope 225 ft. through dense oak brush to
81.26½	Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 25,30,31, and 36, with brass cap marked

T1S

R1E	R2E
S25	S30
S36	S31

1926

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

Land, rough, rugged mountains; general W. exposure and drainage to Salt Lake Valley.

Soil, shallow brown clay loam and rocky of limestone formation; subsoil, hard, dry clay and rock; 3rd. and 4th. rates.

Timber, scattered scrub cedar on north central portion of mile; cottonwood along canyon bottom.

Undergrowth, oak, sage, service berry brush, willow, birch, weeds and grass.

N.0°24'W., bet. secs. 25 and 30.

Descend N. slope over rough mountainous land through short scrub oak brush.

3.20	Enter dense and tall oak brush, bears E. and W.
5.00	Draw, 120 ft. below sec. cor., drains W.; ascend abruptly over S. slope.
16.60	Leave dense oak brush and enter scattered juniper timber, bears E. and W. Begin ascent over limestone outcroppings
20.80	Top of limestone outcroppings and sharp spur, 740 ft. above draw, projects W.; leave juniper timber, bears

E. and W.; gradually descend NW. slope.

26.75 Draw, 30 ft. below spur, drains SW. approximately 8 chs. distant, thence NW.; ascend S. slope.

[illegible] Spur, 210 ft. above draw, projects W.; descend abruptly over N. slope.

36.00 Top of limestone ledge, 250 ft. high, bears N.80°E. and nearly W.; descend abruptly.

38.50 Base of ledges, bears N.80°E. and W.; continue descent over steep N. slope.

40.04½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S25 | S30

1927

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

Cor. stands on steep N. slope, 450 ft. below spur.

Mineral Survey 3604, embracing among others, Grandma Stocking No.2 Lode, is shown on the original plat of survey of T.1 S., R.2 E., approved June 9, 1903, as lying partly within this township. Investigation reveals the fact that this mineral survey is situated wholly within T.1 S., R.1 E., and that from the ¼ sec. cor. bet. secs. 25 and 30, cor. No.4 of Grandma Stocking No.2 Lode, which is a pine post, 4 ins. sq. 4 ft. long, lying in an old deeply embedded mound of stone, and marked 4-3604, bears S.76°36'W., 37.40 chs. distant.

The above tie is determined by the following traverse from the ¼ sec. cor. bet. secs. 25 and 30, it being impossible to make a direct tie on account of inaccessible ledges. All measurements on the traverse line were checked by duplication.

East, 1.12 chs.,

South, 7.59 chs.,

Chains

S.70°W., 9.48 chs.,

West, .65 chs.

South, .02 chs.,

N.86°14'W., 28.00 chs. to cor. No. 4 Grandma

Stocking No. 2 Lode.

From the ¼ sec. cor. bet. secs. 25 and 30, continue N.0°24'W., bet. secs. 25 and 30.

47.35 Canyon, 135 ft. below ¼ sec. cor., drains W.; ascend abruptly through dense undergrowth.

55.60 Spur, 325 ft. above canyon, projects S.70°W., about 1 ch. thence nearly W.; Leave dense and tall undergrowth, bears E. and W.; descend NW. slope.

65.00 Draw, 185 ft. below spur, drains S.85°W.; ascend.

67.90 Spur, 40 ft. above draw, projects W.; descend abruptly 400 ft. over N. slope through dense undergrowth of oak brush to sec. cor.

78.55 The closing cor. of secs. 19 and 30, T.1 S., R.2 E. subsequently established at this point.

80.09 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and supported by a mound of stone for cor. of secs. 24 and 25, T.1 S., R.1 E., with brass cap marked

T1S S24	T1S R2E
S25 R1E	S19

1927

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

Cor. stands on steep NW. slope in short oak brush.

Land, rough mountainous; general W. exposure and drainage.

Soil, shallow mountain loam and rocky of limestone formation; subsoil, dry clay and rocky; 3rd. and 4th. rates.

Timber, scattered juniper on south portion of mile.

Chains	
	Undergrowth, oak, sage, service berry brush, mahogany, rose brush, weeds and grass.
	N.0°24'W., bet. secs. 19 and 24.
	Descend N. and NW. slopes over rough mountainous land through dense undergrowth of oak and maple brush.
12.00	Ravine, 545 ft. below sec. cor., drains W.; ascend abruptly S. slope broken by series of red conglomerate sandstone ledges. Leave dense undergrowth.
22.00	High rocky spur, 730 ft. above ravine, projects S.80°W.; descend 770 ft. over precipitous N. slope into Parley's Canyon over broken quartz ledges and outcroppings to
38.12	Point for ¼ sec. cor. W. bdy. sec. 19, T.1 S.,R.2 E. will fall on quartz outcropping where cor. cannot be set, therefore, at this point,
	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 14 ins. in a large mound of stone for witness cor. to the ¼ sec. cor. W. bdy. sec. 19, with brass cap marked
	W C ¼ S19 1927
	Raise a mound of stone 3 ft.base, 2 ft.high, E.of cor.
38.46	Northing of 40.00 chs. from the closing cor. of secs. 19 and 30, T.1 S., R.2 E. and point for the ¼ sec. cor W. bdy. sec. 19. This point falls on quartz outcropping where cor. cannot be set.
	Continue precipitous descent.
40.04½	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for ¼ sec. cor. E. bdy. sec. 24, T.1 S., R. 1 E. with brass cap marked

Chains

S24

1927

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

From this cor., reestablished U. S. Mineral Monument No.3, Hot Springs Mining District, Salt Lake County, Utah, which is an iron post, 2 ins. in dia., firmly set 30 ins. in the ground with brass cap marked

USMM3

1927

bears N.4°20'E., 13.62 chs. distant.

Continue abrupt descent over N. slope.

46.00 High tension power line, bears NE. and SW. on point of spur, projects NE.; continue descent.

48.60 Angle point No.6, tract 41 subsequently established at this point; see survey tract 41, book "B", this group. The south point of crushing plant, at the Utah-Portland Cement Co's. rock quarry, bears N.23°10'E., approximately 6.00 chs. distant. Boarding house at the Utah-Portland Cement Co's. crushing plant, bears N.33° 28'E., approximately 10.00 chs. distant. Other buildings belonging to the Cement Co. extend NE. and SW. from the boarding house. Cor. No. 3, Mineral Survey No.5048, Golden Gate Lode, which is a pine post, 4 ins. square, firmly set in a concrete block 14 ins. square, marked 3-5048, bears N.73°24'W., 7.96 chs. distant.

Continue descent.

48.80 Telephone line, bears N.66°E. and S.66°W.

50.00 Enter bottom of Parley's Canyon, bears N.66°E. and S. 66°W.

50.60 Main line of the Park City branch of the D.& R.G. Ry., bears N.66°E. and S.66°W.

51.10 Switch to Crushing Plant of Utah-Portland Cement Co.,

DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T.1 S.,R.2 E.

CHAINS	
	bears N.50°E. and S.50°W. Ry. bridge over Parley's Creek, bears N.60°E., 90 lks. distant. Owing to reconstruction of the highway in Parley's Canyon, the channel of Parley's Creek is to be changed and will flow directly under the railroad at the switch as noted in these notes; this work is now under construction.
52.00	Parley's Creek, 15 lks. wide, 1 ft. deep, 500 ft. below ¼ sec. cor. E. bdy. sec. 24, course W.; ascend
52.50	State highway, bears S.75°W. to Salt Lake City, Utah and SE. to Park City, Utah.
	Ascend abruptly over workings of Utah-Portland Cement Co. rock quarry.
58.00	Leave quarry, bears NW. and SE.; precipitous ascent S. slope of canyon over series of limestone ledges and through dense mahogany and scrub juniper timber.
68.45	Intersect line 3-4, Minerl Survey No. 5048, Klondike Mining Claim, 5.68 chs. S.51°46'W. of cor. No. 3, which is a charred pine post, 4 ins. square, firmly set in the ground and marked 3-5048 on NW. face.
	Cor. No. 5, tract 41 subsequently established at this point; see survey tract 41, book "B", this group.
72.10	Leave dense mahogany and juniper , continue through oak brush, bears NW. and SE.
72.25	Spur, projects SE.; thence ascend SE. slope.
77.40	Intersect Line 2-3, Mineral Survey 5048, Klondike Mining Claim, 7.07 chs. N.39°46'W. of cor. No.3 heretofore described.
	Angle point 3 tract 41 falls at this point, but owing to sloping surface rock witness cor. to said cor. is established S.39°46'E., 10 lks. distant; see survey of tract 41, book "B", this group.
79.50	Spur, 775 ft. above Parley's Canyon, projects S.85°E.; thence along E. slope to
80.09	Proportionate point.

Chains

Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a large mound of stone for cor. of secs. 13,18,19, and 24, with brass cap marked

T1S

R1E	R2E
S13	S18
S24	S19

1927

Accessories to cor. are impracticable.

From this cor., cor. No. 2, Mineral Survey No.5048, Klondike Mining Claim, which is a pine post, 4 ins. square, 4 ft. long, lying on the ground, marked 2-5048 on one face, bears S.57°W., 1.71 chs. distant. I reset this post, 18 ins. in the ground and also support post with a mound of stone.

Note: The above sec. cor. is subsequently marked also for angle point 2 tract 41; see survey of tract 41, book "B", this group.

Land, rough, rugged mountains; general N. and S. exposure and drainage to Parleys Canyon.

Soil, shallow loam, and rocky of quartz and limestone formation. Quartz rock S. of Parley's Canyon and limestone N. of canyon. Subsoil, rocky; 4th. rate.

Timber, dense mahogany and scattered scrub juniper on N. central portion of mile.

Undergrowth, oak, service berry, maple and willow.

N.0°24'W., bet. secs. 13 and 18.

Over rough mountainous land through dense oak and maple undergrowth and scattered juniper timber. Ascend along E. slope.

5.50 Draw, drains SE.; ascend S. slope.

9.00 Spur, 115 ft. above draw, projects SE.; leave dense undergrowth and descend along E. slope.

Chains	
14.40	Draw, 25 ft. below spur, drains SE.; ascend.
20.75	Spur, 160 ft. above draw, projects S.40°E.; descend NE. slope leaving juniper timber.
23.00	Enter dense oak and maple undergrowth, bears E. and W.
33.00	Ravine, 160 ft. below spur, drains S.30°E.; ascend abruptly over SW. and S. slopes.
33.25	Leave dense undergrowth, bears NW. and SE.
40.04½	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼
S13 | S18
1926

	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Cor. stands on SW. slope, 350 ft. above ravine.
	Continue ascent over general SW. slope entering scattered mahogany and juniper timber.
67.00	Leave timber, bears E. and W.
69.00	Spur, 565 ft. above ¼ sec. cor., projects S.20°E.; ascend along steep, rocky E. slope.
75.00	Top of high ridge on N. side of Parley's Canyon, 110 ft. above spur, bears NE. and SW.; a low saddle in ridge bears NE. about 2 chs. distant and a peak on ridge bears SW. about 1 ch. distant. Descend abruptly 250 ft. over N. and NW. slopes across the head of a draw draining NW. to
80.09	Proportionate point.
	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 7,12,13, and 18, with brass cap marked

T1S
R1E | R2E
S12 | S7
S13 | S18
1926

Chains

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

Cor. stands on steep W. slope in dense oak brush.

From cor. the N. edge of the St. Mary of the Wasatch Academy which is situated on the E. edge of the Salt Lake Valley, bears N.89°01'W.

Land, rough mountainous; general S. exposure and drainage to Parley's Canyon on S. 75.00 chs. and NW. exposure and drainage to Salt Lake Valley on remainder of mile.

Soil, shallow loam and rocky of limestone and sandstone formation; subsoil, dry clay and rocky; 3rd. and 4th. rates.

Timber, a few scattered juniper and mahogany on S. portion of mile.

Undergrowth, oak, maple, service berry brush and chaparral.

N.0°24'W., bet. secs. 7 and 12.

Gradually descend over W. and NW. slopes over rough mountainous land through dense oak and maple brush.

8.00 Spur, projects NW.; descend abruptly N. slope. Leave dense and tall undergrowth, bears NW. and SE.

25.00 Enter dense and tall undergrowth, bears E. and W.

29.00 Canyon, 635 ft. below spur, drains S.80°W.; ascend abruptly over S. slope leaving dense undergrowth.

40.04½ Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S12 | S7

1926

from which

Sandstone ledge outcropping facing W., marked X BO S7, bears East, 14 lks. distant.

Sandstone ledge outcropping facing SE., marked X BO S12, bears S.85°W., 37 lks. distant.

SUPPLEMENTAL SURVEY OF THE WEST BOUNDARY OF T.1 S., R.2 E.

Cor. stands on precipitous S. slope, 310 ft. above canyon and at the base of red sandstone ledges and outcroppings bearing E. and W.

Continue abrupt ascent.

44.50 High ridge and divide bet. Emigration Canyon and canyon to the south (name unknown), 320 ft. above ¼ sec. cor., bears E. and W. about 15 chs. distant where it forks NW. and SW.; descend abruptly through dense undergrowth.

52.00 Enter scattered scrub aspen timber, bears E. and W.

57.00 Draw, 655 ft. below ridge, drains NW.; gradually ascend.

68.00 Leave aspen timber and dense tall undergrowth, bears NW. and SE.

73.25 Spur, 100 ft. above draw, projects NW.; descend abruptly 265 ft. over N. slope through dense undergrowth to

80.09 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 1,6,7, and 12, with brass cap marked

T1S
R1E | R2E
S1 | S6
S12 | S7
1926

Deposit a limestone, 8x5x1 in., marked with a cross (X) on one face at base of monument; also raise a small mound of stone, 2 ft.base, 1½ ft.high, W.of cor.

Land, rough mountainous with general N. and S. slopes of high ridges and spurs into canyons and draws draining W.

Soil, mountain loam and rocky of sandstone formation; subsoil, dry clay loam and rocky; 3rd. and 4th. rates.

Timber, scrub aspen in north central portion of mile.

Undergrowth, dense tall oak and maple, service berry brush, rose brush, chaparral, weeds and grass.

Chains	
	N.0°24'W., bet. secs. 1 and 6.
	Descend N. slope over rough mountainous land through dense tall undergrowth.
10.00	Draw, 390 ft. below sec. cor., drains NE. approximately 5 chs. to junction with main draw from the SE.; gradually ascend S. slope.
13.00	Spur, 30 ft. above draw, projects NE. about 5 chs. distant; descend abruptly.
22.00	Draw, 240 ft. below spur, drains NW.; gradually ascend.
25.00	Leave dense undergrowth, bears NW. and SE.
36.00	Spur, 65 ft. above draw, projects NW.; descend abruptly over N. slope through dense undergrowth to
40.04½	The original ¼ sec. cor., which is a sandstone, 19x9x4 ins., firmly set in the ground, marked ¼ on W. face, and witnessed by a few deeply embedded stones around cor.
	Alongside original cor.,
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S1 | S6 1926
	from which
	A maple, 4 ins.diam., bears S.68½°E., 151 lks. dist., marked ¼ S 6 B T
	No other trees available.
	Raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor.
	Thence
	N.0°05'E., with continuous measurement.
	Continue descent.
47.20	Draw, 140 ft. below spur, drains NW. about 5 chs. to junction with Emigration Canyon; gradually ascend.
50.50	Spur, 15 ft. above draw, projects NW.; old road on spur, bears NW. and SE. Descend N. slope.

DEPENDENT RESURVEY OF THE WEST BOUNDARY OF T.1 S.,R.2 E.

Chains	
54.00	Enter Emigration Canyon, bears NW. and SE.; thence across canyon.
54.95	Creek in canyon, 5 lks. wide, 2 ins. deep, good water, 115 ft. below spur, course NW. about 15 chs. distant, thence SW.
56.70	Leave dense undergrowth and enter cleared land, bears NW. and SE.
57.15	Highway, for east bound traffic, bears NW. to Salt Lake City, Utah, and SE. to Pinecrest summer resort.
57.30	Telephone line, bears NW. and SE.
59.90	Highway, for west bound traffic, bears NW. to Salt Lake City, Utah, and SE. to Pinecrest summer resort. Leave canyon, bears NW. and SE.; begin ascent over general S. slope through dense oak brush.
80.13½	The original closing cor. of T.1 S.,Rs. 1 and 2 E. on the Salt Lake Base Line, which is a limestone, 7x12x5 ins. above ground, firmly set, marked with 6 grooves on W., SC on N., 6 grooves on E. and CC and 6 grooves on S. face, and witnessed by a deeply embedded mound of stone around cor.
	This cor. is in a good state of preservation.
	Raise a mound of stone, 3 ft. base, 2 ft.high, S.of cor.
	Cor. stands on the W. slope of spur, 325 ft. above Emigration Canyon.
	Land, rough mountainous; N. and S. exposure and drainage to Emigration Canyon which drains W.
	Soil, brown and black mountain loam and rocky of sandstone and limestone formation; subsoil, brown clay loam and rocky; 2nd. to 4th. rates.
	Timber, a few cottonwood in Emigration Canyon.
	Undergrowth, oak, maple, choke cherry, service berry brush, rose brush, chaparral, weeds and grass.
	A small strip of land in Emigration Canyon has at one time been cleared and farmed.

Chains

DEPENDENT RESURVEY OF THE SUBDIVISION OF
T.11 S., R. 2 E.

REESTABLISHMENT OF THE SURVEYS EXECUTED
BY A. D. FERRON, U.S. DEPUTY SURVEYOR
IN 1891.

The original ¼ sec. cor. bet. secs. 13 and 14 is a limestone, 8x14x8 ins. above ground, firmly set, marked ¼ on W. face, and witnessed by a deeply embedded mound of stone around cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼
S14 | S13
1927

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

Cor. stands on N. slope in dense undergrowth, 4.00 chs. S. of a draw draining NE.

Thence

S.1°10'W., bet. secs. 13 and 14.

Ascend abruptly N. slope over rough mountainous land through dense and tall undergrowth.

7.85 Spur, 200 ft. above ¼ sec. cor., projects NE.; continue ascent along NE. slope.

16.45 Top of ascent on E. slope, 105 ft. above spur; descend abruptly over S. slope.

23.50 Draw, 115 ft. below top of ascent, drains NE.; dense aspen timber along bottom of draw. Ascend abruptly over N. slope.

27.55 Spur, 100 ft. above draw, projects NE.; descend.

34.55 Enter dense aspen and scattered spruce and fir timber, bears NE. and SW.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.1 S.,R.2 E.

Chains

34.70 Junction of draws from the W. and SW., drain NE., 80 ft. below spur; gradually ascend.

40.01 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 13,14,23, and 24, with brass cap marked

T1S	R2E
S14	S13
S23	S24

1927

from which

A balsam, 10 ins.diam.,bears N.27°E., 9 lks. dist.,marked T 1 S R 2 E S 13 B T

An aspen, 6 ins.diam.,bears S.30°E., 3½ lks. dist.,marked T 1 S R 2 E S 24 B T

A spruce, 18 ins.diam.,bears S.58°W., 8 lks. dist.,marked T 1 S R 2 E S 23 B T

An aspen, 8 ins.diam.,bears N.45°W., 4 lks. dist.,marked T 1 S R 2 E S 14 B T

Cor. stands on a gentle N. slope on W. side of a heavily timbered draw draining NE.

Land, rough mountainous; general N. exposure and drainage.

Soil, brown mountain loam streaked with rock of limestone and sandstone formation; subsoil, dry clay loam; 2nd. and 3rd. rates.

Timber, dense aspen and scattered spruce and fir on S. portion of mile.

Undergrowth, dense oak, maple, service berry, choke cherry, chaparral, weeds and grass.

From the reestablished cor. of secs. 13 and 24 on the E. bdy. of the Tp. heretofore described.

S.89°59'W., on true line bet. secs. 13 and 24.

Over rough mountainous land through very dense and tall undergrowth. Ascend abruptly over E. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION OF THE [illegible]

Chains	
1.65	Spur, 50 ft. above sec. cor., projects NE.; descend NW. slope.
8.00	Ravine, 60 ft. below spur, drains NE.; dense aspen and scattered spruce and fir timber in ravine. Ascend abruptly over SE. slope.
16.75	Enter mahogany timber with dense undergrowth, bears N. and S.
26.35	Top of abrupt ascent, ascend more gradually.
27.35	Spur, 560 ft. above ravine, projects NE.; enter scattered fir timber, bears NW. and SE.; gradually descend.
33.25	Enter heavier growth of timber, bears NW. and SE.
35.30	Draw, 25 ft. below spur, drains NE.; leave timber, bears NE. and SW.; ascend abruptly over E. slope 150 ft. to
40.01	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S13 / S24 1927
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Cor. stands on steep E. slope in dense oak brush; no suitable bearing trees are available.
	Continue abrupt ascent.
41.40	Enter medium growth of spruce, pine and fir timber, bears N. and S.
44.00	Spur, 150 ft. above ¼ sec. cor., projects NE.; leave medium growth of timber, bears NE. and SW.; ascend across head of draw on steep N. slope through scattered timber.
49.80	Spur, 50 ft. above last spur, projects N. This is the main spur of a ridge and extends in a northerly direction for about 1½ miles. Descend NW. slope.
50.80	Enter dense timber, bears N. and S.
52.30	Leave dense timber, bears N. and S.

Chains	
59.10	Draw, 150 ft. below spur, drains NW.; ascend.
61.75	Spur, 15 ft. above draw, projects NW.; descend abruptly over W. slope.
71.00	Enter aspen timber, bears N. and S.
75.60	Draw, 350 ft. below spur, drains N.; leave timber and continue through very dense undergrowth. Ascend.
77.80	Low spur, 30 ft. above draw, projects N.; descend.
79.00	Enter dense aspen and scattered spruce and fir timber, bears N. and S.
79.50	Draw, 30 ft. below spur, drains N.30°E.
80.02	The reestablished cor. of secs. 13,14,23, and 24.

Land, rough mountainous; general N. exposure and drainage.

Soil, brown mountain loam streaked with rock of sandstone and limestone formation; subsoil, dry clay loam and rock; 2nd. and 4th. rates.

Timber, patches of spruce, fir, pine, aspen, mahogany and juniper. Spruce, pine, and fir timber found on the N. or sheletered slopes and in canyon bottoms.

Undergrowth, exceptionally dense oak, maple, service berry brush, mahogany, willow, choke cherry, chaparral, rose brush, salal, weeds and grass.

The original ¼ sec. cor. bet., secs. 14 and 15 is a red sandstone, 16x10x6 ins., lying on the ground, marked ¼ on one face, and witnessed by deeply embedded stones around cor.

I reset stone 10 ins. in the ground marked ¼ on W. face, and alongside same,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S15 | S14

1927

Chains

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

Cor. stands in draw draining NE. and in exceptionally dense, tall undergrowth.

Thence from cor.,

S.0°40'E., on true line bet. secs. 14 and 15.

Ascend over rough mountainous land facing N., through very dense and tall undergrowth.

5.00 Enter scattered spruce timber, bears E. and W.

9.20 Spur, 300 ft. above ¼ sec. cor., projects NE.; descend.

10.15 Draw, drains NE.; ascend abruptly over N. slope.

25.10 High ridge and divide bet. Parley's Canyon and Smith Fork Canyon, 540 ft. above draw, bears E. and W.; leave tall undergrowth and timber; descend abruptly over S. slope broken by sandstone outcroppings and boulders and through burnt mahogany timber. Some scattered oak brush on slope.

34.30 Leave burnt area and enter dense oak, maple and choke cherry brush and scrub aspen timber, bears NW. and SE. Descend more gradually over SW. slope.

40.00 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 14,15,22, and 23, with brass cap marked

T1S S15	R2E S14
S22	S23

1927

from which

An aspen, 6 ins.diam.,bears N.40°E., 40 lks. dist.,marked T 1 S R 2 E S 14 B T

An aspen, 7 ins.diam.,bears S.74°45'E., 57 lks. dist.,marked T 1 S R 2 E S 23 B T

An oak, 4 ins.diam.,bears S.4°45'W., 84 lks. dist.,marked T 1 S R 2 E S 22 B T

A maple, 3 ins.diam., bears N.38°45'W., 51 lks.

Chains	
	dist., marked. BT
	This cor. is subsequently marked also for angle point 2 tract 37; see survey of tract 37, book "B" this group.
	Cor. stands on gentle SW. slope 500 ft. below ridge.
	Land, rough mountainous; general N. and S. exposure and drainage from high ridge at 25.10 chs.
	Soil, brown mountain loam and rocky of sandstone and limestone formation; subsoil, dry clay loam and rocky; 2nd. and 4th. rates.
	Timber, scattered spruce on central portion of mile.
	Undergrowth, dense and tall oak, maple, service berry brush, choke cherry, rose brush, weeds and grass.

	From the reestablished cor. of secs. 13,14,23, and 24.
	N.89°46'W., on true line bet. secs. 14 and 23.
	Over rough mountainous land through dense aspen and spruce timber and dense, tall undergrowth . Ascend.
3.40	Leave timber, bears N. and S.
9.85	Spur, 215 ft. above cor., projects NE.; gradually descend, and ascend along general N. slope.
15.00	Enter exceptionally dense and tall undergrowth and scrub aspen timber, bears NE. and SW.
16.00	Draw, 70 ft. above spur, drains NE. about 3 chs. dist., thence nearly E.; ascend abruptly over E. slope.
19.50	Leave aspen timber, bears NE. and SW.; continue through dense undergrowth.
30.35	Leave dense tall undergrowth, continue through shorter undergrowth, bears N. and S.
40.01	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S14 / S23 1927
	from which

Chains

A mahogany, 14 ins. diam., bears S.60°E., 49 lks. dist., marked ¼ S 23 B T

A spruce, 12 ins. diam., bears N.44°W., 106 lks. dist., marked ¼ S 14 B T

Cor. stands on steep E. slope near top of spur projecting NE., 800 ft. above draw.

Continue ascent.

41.85 High rocky spur, 50 ft. above ¼ sec. cor., projects NE. enter scattered spruce timber and dense, tall undergrowth. Descend along general N. slope.

44.00 Enter heavier growth of timber, bears N. and S.

45.48 Draw, 55 ft. below spur, drains N.; leave medium growth of timber and ascend abruptly through scattered timber.

47.75 Spur, 60 ft. above draw, projects N.; descend NW. slope.

55.60 Leave timber, bears N. and S.

58.00 Large draw, near head, 320 ft. below spur, drains nearly N.; ascend 130 ft. to

64.45 Top of ridge and divide bet. Parley's Canyon and Smith Fork Canyon, bears NW. and SE.; a high peak or point bears SE. about 20 chs. distant. Descend abruptly over W. slope through dense, tall undergrowth.

76.15 Enter aspen timber, bears NW. and SE.

77.68 Angle cor. No. 1 tract 37 subsequently established at this point; see survey of tract 37, book "B" this group.

78.08 S. 2 lks. distant is a sandstone, 10x12x12 ins. above ground, firmly set, marked with 3 notches on E., 3 notches on W. and 2 notches on S. edge; from which

An aspen, 6 ins. diam., bears N.62½°E., 10 lks. dist., marked T 1 S R 2 E S 14 B T

An aspen, 6 ins. diam., bears S.40°45'E., 10 lks. dist., marked T 1 S R 2 E S 23 B T

An aspen, 8 ins. diam., bears S.20°W., 13 lks.

Chains	
	dist., marked T 1 S R 2 E S 22 B T
	An aspen, 8 ins.diam., bears N.28¼°W., 11 lks. dist., marked T 1 S R 2 E S 15 B T
	The above stone and bearing trees, while marked for the cor. of secs. 14,15,22 and 23, cannot be identified as belonging to either the Ferron or Hanson survey systems in this township; therefore, I conclude that it is of local origin and destroy the stone and deface the bearing trees.
79.00	Leave aspen timber, bears SE. and W.
80.02	The reestablished cor. of secs. 14,15,22, and 23, 515 ft. below ridge.
	Land, rough mountainous; general N. exposure and drainage on E. 64.45 chs. and W. exposure and drainage on remainder of mile.
	Soil, brown mountain loam and rocky of sandstone formation; subsoil, dry clay loam and rocky; 2nd. to 4th. rates.
	Timber, scattered patches of aspen, spruce and balsam fir situated chiefly on the sheltered slopes of the ridges.
	Undergrowth, dense, tall and rank growth of oak, maple, choke cherry, mahogany, service berry brush, salal, mountain ash, chaparral, sagebrush, weeds and grass.

	From the reestablished cor. of secs. 14,15,22, and 23. S.89°39'W., on true line bet. secs. 15 and 22.
	Over rough mountainous land through scattered aspen timber and very dense and tall undergrowth. Descend W. and SW. slopes.
5.25	Leave aspen timber and exceptionally dense undergrowth, bears N. and S.; thence along nearly S. slope.
14.00	From this point an abandoned frame building, formerly known as "ARM CHAIR" or "MT.AIR RESORT", bears S., approximately 8 chs. distant.

-Chains.

Soil, brown and black mountain loam streaked with rock of limestone and sandstone formation; subsoil, rich loam and rock; 1st to 4th rates.

Timber, scattered patches of aspen, spruce and fir.

Undergrowth, an exceptionally dense growth of oak, maple, birch, willow, service berry brush, chaparral, salal, buck brush, rose brush, weeds and grass, 5 to 25 ft. tall.

The original ¼ sec. cor. bet. secs.16 and 17 is a quartzite stone 8 x 6 x 5 ins. above ground, firmly set, marked ¼ on W. face, and witnessed by a few deeply embedded stones around cor.

Alongside original cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins.in the ground for ¼ sec.cor., with brass cap marked

¼

S17 | S16

1927

Raise a mound of stone, 2 ft. base, 1½ ft. high W.of cor. Cor. stands on S. side of a small wash in bottom of large draw draining NW.

Thence from cor.,

S. 1° 24' E. on true line bet. secs.16 and 17,

Ascend abruptly over N. slope over rough, mountainous land, through dense undergrowth 5 to 15 ft. high.

18.50 Spur, 720 ft. above cor., projects NW.; thence along steep, nearly W. slope.

20.10 Top of ascent on W. slope 25 ft. above spur; descend.

29.20 Draw, 100 ft. below spur, drains NW.; ascend.

33.90 Spur, 135 ft. above draw, projects W.; enter juniper and mahogany timber, bears E. and W.; descend S.and SW. slopes.

37.10 Leave timber, bears E. and W.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 1 S. R. 2 E.

Chains.

40.01 Proportionate point.

Set an iron post, 3 ft. long, 2 ins.in dia., 28 ins.in the ground for cor.of secs.16 and 17 only, with brass cap marked

T1S	R2E
S17	S16

S21
1927

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

This corner is subsequently marked also for angle cor. No. 2 tract 39; see survey of tract 39, book "B" this group.

No trace of the Hanson corner secs.16 and 17, nor the closing corner of secs.20 and 21 could be found.

Corner stands on S. slope in dense undergrowth, 90 ft. below spur.

Land, rough, mountainous; north and west exposure and general drainge N.

Soil, shallow mountain loam, limestone shale and rocky o of limestone formation; subsoil, dry clay loam and rocky; 2d and 4th rates.

Timber, juniper and mahogany on south central portion of mile.

Undergrowth, dense oak, scattered patches of maple, service berry brush, chaparral, buck brush, weeds and grass.

From the original cor.of secs.15, 16, 21, and 22, N. 86° 30' W. on true line bet. secs.16 and 21,

Ascend abruptly SE. slope over rough mountainous land through scattered mahogany and juniper timber and dense undergrowth 5 to 20 ft. high.

10.00 High spur, 350 ft. above sec.cor., projects NE.; descend abruptly over sandstone ledges and outcroppings.

12.50 Head of steep, rocky draw, drains N.; ascend along rugged N. slope, broken by ledges, entering medium growth of spruce timber.

Chains.	
17.70	Top of ascent on N. slope; descend over sandstone ledges and boulders.
21.50	Spur, 100 ft. below ledges and top of ascent, projects NW.; descend abruptly. Leave timber, bears NW. and S
33.93	Angle point 1, tract 39 subsequently established at th point; see survey of tract 39 book "B" this group.
39.02½	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins.in the ground for ¼ sec.cor. S. bdy. sec.16, with brass cap marked
	¼ S16 / 1927
	Raise a mound of stone, 3 ft. base, 2 ft. high N.of cor
	Cor. stands on steep W. slope in dense oak brush about 8 ft. high, 550 ft. below spur. Continue descent.
40.10	Point midway bet. the cor.of secs.15, 16, 21 and 22 and the closing cor.of secs.20 and 21.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins.in the ground for ¼ sec.cor. N. bdy. sec.21, with brass cap marked
	¼ S21 / 1927
	Raise a mound of stone 3 ft. base, 2 ft. high S. of cor
	This cor. stands on steep W. slope, in dense oak brush. Continue descent.
55.00	Canyon, 500 ft. below ¼ sec.cor. S. bdy. sec.16, drains NW. about 5 chs.distant, thence NE. Enter scrub aspen timber, bears NW. and SE.;ascend abruptly general E. slope.
56.00	Leave timber, bears NW. and SE.
68.80	High ridge spur; 390 ft. above canyon, projects N.20°W. Enter dense juniper and mahogany timber, bears N.and S. Descend abruptly over W. and SW. slopes.
72.00	Leave timber, bears NW. and SE.
78.05	The reestablished cor. of secs.16 and 17, 375 ft.below

Chains

spur.

Land, rough mountainous; general N. exposure and drainage to Parley's Canyon.

Soil, light brown mountain loam, limestone shale rock and rocky of sandstone and limestone formation; subsoil, light brown clay loam and rocky; 2nd. and 4th. rates.

Timber, scattered patches of spruce, aspen, mahogany and juniper.

Undergrowth, dense oak, scattered patches of maple, willow, chaparral, service berry brush, rose brush, buck brush, mountain ash, sagebrush, weeds and grass.

The original ¼ sec. cor. bet. secs. 17 and 18 is a red sandstone, 14x10x3 ins., lying on the ground, marked ¼ on one face; no accessories to cor.

I reset stone 10 ins. in the ground, marked ¼ on W. face and alongside same,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S18 | S17

1927

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

Cor. stands on steep S. slope on N. side of Parley's Canyon.

From this cor., a blue limestone, 5x10x6 ins. above ground, firmly set, marked dimly ¼ on W. face and unwitnessed, bears S.87°E., 5.83 chs. distant. I am unable to identify this cor. as belonging to any of the official surveys in this township; therefore, I destroy stone.

From the original ¼ sec. cor.,

S.6°44'E., on true line bet. secs. 17 and 18.

Chains	
	Descend abruptly S. slope over rough mountainous land through dense undergrowth, 5 to 15 ft. high.
3.40	Draw, 90 ft. below cor., drains SE.; ascend.
5.30	Spur, 30 ft. above draw, projects SE.; descend abruptly into Parley's Canyon over limestone shale rock and ledges.
9.16	Park City branch of D.& R.G. RY., bears N.63°E. and S.63°W.
9.35	Telegraph line, bears N.63°E. and S.63°W.
9.80	Telephone line and enter bottom of Parley's Canyon, 290 ft. below spur, bears N.63°E. and S.63°W.
10.00	State highway, bears N.63°E. to Park City, Utah and S.63°W. to Salt Lake City, Utah.
10.30	Rock retaining wall, 16 ins., in diameter, on N. side of Parley's Creek, bears N.63°E., S.63°W. about 2 chs. thence SW. about 2 chs. to end.
10.55	Parley's Creek, 20 lks. wide, 1 ft. deep, good water, course S.63°W.
10.80	Telephone line, bears N.63°E. and S.63°W.; leave canyon bears NE. and SW.; begin precipitous ascent over N. slope through dense, tall undergrowth.
14.00	High tension power line, bears E. and W.
16.70	Leave tall undergrowth, bears E. and W.
25.30	Reenter dense undergrowth, 5 to 20 ft. high, bears E. and W.
30.70	Spur, 660 ft. above creek, projects NE.; continue ascent over N. and NW. slopes.
35.20	Enter low sandstone ledges and outcroppings, bears E. and W.
38.50	Sandstone ledge, 10 ft. high, bears E. and W.
40.28	Proportionate point.
	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 17 and 18, with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T.1 S.,R.2 E.

Chains	
	T1S | R2E S18 | S17 S20 1927
	from which
	A fir, 14 ins.diam.,bears N.2¼°E., 111 lks. dist.,marked T 1 S R 2 E S 17 B T
	A mahogany, 10 ins. diam., bears N.73°W., 43 lks. dist., marked T 1 S R 2 E S 18 B T
	Cor. stands on steep N. slope in quartz slide rock at base of high quartz ledges, 175 ft. above spur.
	Land, rough mountainous; general N. and S. exposure and drainage to Parley's Canyon which drains W.
	Soil, shallow loam, shale rock and rocky of limestone, quartz and sandstone formation; subsoil; dry clay loam and rocky; 2nd. and 4th. rates.
	Timber, a few cottonwood along Parley's Creek and scattered fir and mahogany in extreme S. portion of mile.
	Undergrowth, dense oak, maple, service berry brush, chaparral and choke cherry brush.

	From the reestablished cor. of secs. 16 and 17.
	N.89°59'W., on true line bet. secs. 17 and 20.
	Descend SW. and W. slopes over rough mountainous land through dense undergrowth.
2.15	The closing cor. of secs. 20 and 21 subsequently established at this point.
3.20	Enter very dense tall undergrowth, bears N. and S.
5.90	Ravine, 200 ft. below cor., drains NW. about 10 chs. to junction with canyon from the SW., thence nearly N.; ascend steep NE. slope.
16.40	Spur, 200 ft. above ravine, projects NW. approximately 10 chs. distant; mahogany and juniper timber along top of spur.
18.70	Quartz ledge, 20 ft. high, bears SE. and NW.about 3 chs.

Chains

distant; descend abruptly W. slope over quartz outcroppings.

22.60 Canyon, 55 ft. below spur, drains NE.; ascend abruptly over E. slope strewn with quartz rock.

35.00 Begin ascent over quartz slide rock and outcroppings.

35.97 Point for AP3, tract 39; see survey of tract 39, book "B" this group.

36.04 Witness cor. to AP 3 tract 39 subsequently established at this point; see survey of tract 39, book "B" this group.

38.00 High, rocky spur, 670 ft. above canyon, projects NE.; enter scrub mahogany and very scattered juniper timber, bears NE. and SW.; descend NW. slope.

38.95 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 20 ins. in a large mound of stone for ¼ sec. cor. S. bdy. sec.17, with brass cap marked

¼ S17

1927

Impracticable to build accessories to cor.

Cor. stands on NW. slope near top of rocky spur.

40.14 Point for ¼ sec. cor. N. bdy. sec. 20 will fall on quartz outcroppings where it is impracticable to set a cor., therefore at this point.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 18 ins. in a large mound of stone for witness cor. to the ¼ sec. cor. N. bdy. sec. 20, with brass cap marked

WC

¼ S20
1927

Impracticable to build accessories to cor.

Descend abruptly precipitous NW. slope broken by quartz ledges and outcroppings.

Chains	
42.09½	Point midway bet. the closing cor. of secs. 20 and 21 and the point for the closing cor., of secs. 19 and 20, also position for the ¼ sec. cor. N. bdy. sec. 20. This point falls on quartz outcropping where it is impracticable to establish cor.
48.90	Steep ravine, 350 ft. below spur, drains N.20°E.; ascend over N. and NE. slopes broken by quartz ledges and outcroppings.
57.40	Spur, 200 ft. above ravine, projects N.; descend.
72.90	Steep ravine, 125 ft. below spur, drains N.30°E.; ascend abruptly over ledges.
75.90	Spur, 200 ft. above ravine, projects N.; descend NW. slope 50 ft. to
77.90	The reestablished cor. of secs. 17 and 18.
	Land, rough, rugged mountains; general N. exposure and drainage to Parley's Canyon.
	Soil, rocky of quartz and sandstone formation 4th. rate.
	Timber, scrub juniper, mahogany, and a few spruce.
	Undergrowth, oak, maple, willow, service berry brush, choke cherry, rose brush, chaparral, mountain ash, weeds and grass.

	From the reestablished cor. of secs. 13,18,19, and 24 on the W. bdy. of the Tp. heretofore described.
	S.89°51'E., on true line bet. secs. 18 and 19.
	Descend precipitous E. slope over rough mountainous land through dense undergrowth, 3 to 6 ft. high.
8.10	Steep rocky draw, 375 ft. below sec. cor., drains S.; ascend over ledges.
10.65	Top of limestone ledge, 20 ft. high, on spur, 65 ft. above draw, projects S.; descend precipitous E. and SE. slopes.
15.45	Intersect line 4-1, Mineral Survey No.4269, Portland Cement No. 2 placer mining claim, 2.21 chs. N.35°34'E. of

Chains

distant; descend abruptly W. slope over quartz outcroppings.

22.60 Canyon, 55 ft. below spur, drains NE.; ascend abruptly over E. slope strewn with quartz rock.

35.00 Begin ascent over quartz slide rock and outcroppings.

35.97 Point for AP3, tract 39; see survey of tract 39, book "B" this group.

36.04 Witness cor. to AP 3 tract 39 subsequently established at this point; see survey of tract 39, book "B" this group.

38.00 High, rocky spur, 670 ft. above canyon, projects NE.; enter scrub mahogany and very scattered juniper timber, bears NE. and SW.; descend NW. slope.

38.95 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 20 ins. in a large mound of stone for ¼ sec. cor. S. bdy. sec.17, with brass cap marked

¼ S17

1927

Impracticable to build accessories to cor.

Cor. stands on NW. slope near top of rocky spur.

40.14 Point for ¼ sec. cor. N. bdy. sec. 20 will fall on quartz outcroppings where it is impracticable to set a cor., therefore at this point.

Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 18 ins. in a large mound of stone for witness cor. to the ¼ sec. cor. N. bdy. sec. 20, with brass cap marked

WC

¼ S20
1927

Impracticable to build accessories to cor.

Descend abruptly precipitous NW. slope broken by quartz ledges and outcroppings.

Chains	
42.09½	Point midway bet. the closing cor. of secs. 20 and 21 and the point for the closing cor., of secs. 19 and 20, also position for the ¼ sec. cor. N. bdy. sec. 20 . This point falls on quartz outcropping where it is impracticable to establish cor.
48.90	Steep ravine, 350 ft. below spur, drains N.20°E.; ascend over N. and NE. slopes broken by quartz ledges and outcroppings.
57.40	Spur, 200 ft. above ravine, projects N.; descend.
72.90	Steep ravine, 125 ft. below spur, drains N.30°E.; ascend abruptly over ledges.
75.90	Spur, 200 ft. above ravine, projects N.; descend NW. slope 50 ft. to
77.90	The reestablished cor. of secs. 17 and 18.
	Land, rough, rugged mountains; general N. exposure and drainage to Parley's Canyon.
	Soil, rocky of quartz and sandstone formation 4th. rate.
	Timber, scrub juniper, mahogany, and a few spruce.
	Undergrowth, oak, maple, willow, service berry brush, choke cherry, rose brush, chaparral, mountain ash, weeds and grass.

	From the reestablished cor. of secs. 13,18,19, and 24 on the W. bdy. of the Tp. heretofore described.
	S.89°51'E., on true line bet. secs. 18 and 19.
	Descend precipitous E. slope over rough mountainous land through dense undergrowth, 3 to 6 ft. high.
8.10	Steep rocky draw, 375 ft. below sec. cor., drains S.; ascend over ledges.
10.65	Top of limestone ledge, 20 ft. high, on spur, 65 ft. above draw, projects S.; descend precipitous E. and SE. slopes.
15.45	Intersect line 4-1, Mineral Survey No.4269, Portland Cement No. 2 placer mining claim, 2.21 chs. N.35°34'E. of

Chains	
	cor. No. 4 which is 2 - 2x6 ins. boards nailed to-
	gether and firmly set in a mound of stone, marked
	4-4269 on E. face. Cor. No. 1 tract 41 subsequently
	established at this point; see survey of tract 41,
	book "B", this group.
17.00	Begin descent over old workings of Utah-Portland Cement
	Co. rock quarry, bears NE. and SW.
21.10	Power line from rock quarry to rock crusher, bears N.
	and S.
21.30	Canyon, 410 ft. below spur, drains S.; ascend.
21.40	Tramway from rock quarry to crusher, bears N. and S.;
	the rock crusher situated on the N. side of bottom
	of Parley's Canyon, bears S. about 2 chs. distant.
	Leave quarry workings, bears N. and S.
24.70	Spur, 75 ft. above canyon, projects S.; descend along
	steep general S. slope.
32.50	Telephone line and enter bottom of Parley's Canyon, bear
	N.34°E. and S.34°W.
35.10	Highway, bears N.34°E. to Park City and S.34°W. to Salt
	Lake City, Utah.
35.97	Park City branch of D. & R. G. Ry., bears N.34°E. and
	S.34°W.
36.03	Westing of 40.00 chs. from the point for the closing cor.
	of secs. 19 and 20, also point for the ¼ sec. cor. N.
	bdy.sec. 19; this point falls on unsafe ground bet.
	the D.& R. G. Ry. tracks and Parley's Creek where
	cor. could not be perpetuated; witness cor. establishe
	.95 chs. S.89°51'E.
36.35	Telegraph line, bears N.34°E. and S.34°W.
36.55	Parley's Creek, 15 lks. wide, 1½ ft. deep, good water,
	150 ft. below spur, course S.34°W.; enter very dense
	and tall undergrowth and begin ascent over steep N.
	and NW. slopes.
36.99	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in

Chains	
	the ground for witness cor. to the ¼ sec. cor. N. bdy. sec. 19, with brass cap marked
	WC ¼ S19 / 1927
	from which
	A maple, 4 ins.diam., bears S.79°45'E., 15 lks. dist., marked W C ¼ S 19 B T
	A maple, 7 ins.diam., bears S.20½°W., 15 lks. dist., marked W C ¼ S 19 B T
37,47	High tension power line, bears N.34°E. and S.34°W.
38.90	Leave tall undergrowth, bears NW. and SE.
40.60	Intersect cor. No. 2, Mineral Survey No.5710, Union Limestone Quarry Placer, and line 3-4 Mineral Survey No.4269, Portland Cement No.1 Placer Mining Claim, which is a fir post, 6x8 ins. square, extending 2 ft. above ground, firmly set, marked 2-5710 on E. face. From this cor. the point for cor.No.3, Mineral Survey 4269, Portland Cement No.1 Placer Mining Claim (cor. monument missing) as determined record course and distance from cor.No.2 of the same claim, bears S.57°26'E., 46 lks. distant.
	Cor. No. 2 of Mineral survey No.5710 stands on the E. side of a prominent wash or cut extending NW. and SE. on face of spur.
41.22	The original ¼ sec. cor., which is a limestone, 4x4x10 ins. above ground, firmly set, marked ¼ on N. face, and witnessed by a small deeply embedded mound of stone around cor.
	Alongside original cor.,
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. S. bdy. sec. 18, with brass cap marked
	¼ S18 / 1927

Chains	
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Along N. side of this cor. is cor. No. 1 Mineral Survey No.5710, Union Limestone Quarry Placer, which is a limestone, 4x6x12 ins. above ground, firmly set, marked 1-5710 on N. face.
	Cor. stands on steep NW. slope in dense short oak brush 175 ft. above Parley's Canyon.
	Thence
	N.89°53'E., with continuous measurement.
	Continue steep ascent through short oak brush.
47.00	Spur, 250 ft. above ¼ sec. cor. projects NE. about 5 ch. distance, thence N. Pharaoh's Glen, an abandoned summer resort, bears S. about 5 chs. distant. Descend SE. slope.
49.12	Angle point No. 2 tract 40 subsequently established at this point; see survey of tract 40, book "B" this group.
51.30	Enter exceptionally dense undergrowth, from 10 to 20 ft. high, bears NE. and SW.
52.70	Road, bears SW. to the abandoned "Pharaoh's Glen" summer resort, and NE. about 2 chs., thence N.
52.90	Stream, 2 lks. wide, 3 ins. deep, good water, in canyon, 155 ft. below spur, course NE. about 2 chs. to junction with draw from the south, thence N.; gradually ascend along N. slope.
55.00	Low point, projects N. about 1 ch. distant; descend.
55.70	Draw, drains N.; leave exceptionally dense undergrowth and begin ascent through oak brush 5 to 15 ft. high.
60.69	Angle point No. 1 tract 40 subsequently established at this point; see survey of tract 40, book "B" this group.
64.45	Point on W. slope, 350 ft. above draw and base of impassable quartz ledges bearing N.80°E. and SW. To pass ledges, I offset as follows:

Chains	
	North, 1.00 chs., then on offset line
	N.89°53'E., 12.55 chs.; along rugged N. slope at base of quartz ledges.
	At 11.53 chs. or easting of 76.03 chs. from cor. of secs. 13,18,19,and 24 on W. bdy. of Township, the true point for the CC secs. 19 and 20 which falls on face of ledge, bears S., 1.00 chs. Witness cor. to the closing cor. established 3.81 chs., S.0°03'E. of the true cor. point.
	South, 1.00 chs. to true line at
77.00	Base of high, impassable ledges, bears NW. and SE.; thence
	N.89°53'E., on true line.
	Along rugged N. slope through scattered timber, dense undergrowth and over slide rock to
80.17	The reestablished cor. of secs. 17 and 18.
	Land, rough, rugged mountains; general N. and S. exposure and drainage to Parley's Canyon which drains SW.
	Soil, shallow clay, shale rock and rocky of limestone and quartz formation; 4th. rate. Limestone rock on N. side of Parley's Canyon while quartz is found only on S. side of canyon.
	Timber, a few cottonwood along Parley's Creek and scattered mahogany and spruce on E. portion of mile.
	Undergrowth, very dense oak, maple, mahogany, willow, birch, rose brush, chaparral, service berry brush, weeds and grass.

	From the reestablished cor. of secs. 32 and 33 on the south bdy. of the Tp. heretofore described.
	N.0°23'E., on true line bet. secs. 32 and 33.
	Descend along E. slope of high spur over rough mountainous land through scattered timber and exceptionally dense undergrowth, 5 to 20 ft. high.

Chains	
8.20	Spur, 100 ft. below cor.; projects NE, descend abruptly over rugged N. and NE. slopes.
10.80	Enter dense fir timber, bears E. and W.
39.00	Small draw, 100 ft. below spur, drains NE. about 4 chs. to junction with Thayne's Canyon; continue descent over E. and NE. slopes 80 ft. to
41.60	Proportionate point. Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for ¼ sec. cor., with brass cap marked ¼ S32 | S33 1926 from which A fir, 8 ins. diam., bears N.24°E., 4 lks. dist., marked ¼ S 33 B T A fir, 10 ins. diam., bears S.72°W., 15 lks. dist., marked ¼ S 32 B T
44.10	Small draw, 50 ft. below ¼ sec. cor., drains SE. about 3 chs. to junction with Thayne's Canyon; gradually ascend.
47.30	Leave dense timber, bears E. and W.
51.30	Spur, 110 ft. above draw, projects E.; reenter dense timber and descend abruptly over N. slope.
61.60	Old drag road, bears NW. and SE.
62.70	Bottom of Thayne's Canyon, 430 ft. below spur, course NW.; leave dense timber and ascend through dense undergrowth.
66.75	Spur, 145 ft. above canyon, projects W.; reenter dense timber and descend over NW. slope.
72.40	Draw, 190 ft. below spur, drains N.70°W.; leave dense timber and ascend along steep W. slope.
76.00	Spur, 40 ft. above draw, projects NW.; descend abruptly 325 ft. over N. slope to

M.D.B.M. RESURVEY OF THE SUBDIVISION OF T.1 S.,R.2 E.

Chains

83.20 The original cor. of secs. 28,29,32, and 33, which is a quartz stone, 12x16x6 ins., lying on the ground, marked with 1 notch on one edge and 4 notches on cornering edge; from which

A maple, 5 ins.diam.,bears S.74°E., 12 lks. dist.,marked S 33 B T

A pine, 16 ins.diam., bears S.86°W., 28 lks. dist.,marked S 32 B T

The above trees are not original bearing trees and have been marked within the last 3 or 4 years.

Reset the original cor. monument 10 ins. in the ground, marked with 4 notches on E. and 1 notch on S. edge, and alongside same,

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

T1S S29	R2E S28
S32	S33

1926

from which

A maple, 4 ins. diam.,bears N.56°E., 32 lks. dist., marked T 1 S R 2 E S 28 B T

A maple, 8 ins. diam.,bears S.45½°E., 25 lks. dist., marked T 1 S R 2 E S 33 B T

A maple, 8 ins. diam., bears S.66°45'W., 22 lks. dist., marked T 1 S R 2 E S 32 B T

A maple, 6 ins. diam., bears N. 35½°W., 33½ lks. dist., marked T 1 S R 2 E S 29 B T

Cor. stands on N. slope in S. edge of bottom of Mill Creek Canyon.

Land, rough, rugged mountains exceptionally difficult to survey, with precipitous general N. slopes into Thayne's and Mill Creek Canyons.

Soil, mountain loam and decayed vegetation streaked with

Chains

rock of limestone formation; 2nd. and 4th. rates.

Timber, considerable spruce and fir of good quality, [illegible] aspen.

Undergrowth, very dense and tall oak, mountain ash, [illegible] salal, chaparral, rose, service berry brush, choke cherry, mahogany, weeds and grass.

From the reconstructed original cor. of secs. 28,29,32 and 33.

N.88°08'E., on true line bet. secs. 28 and 33.

Along N. slope near bottom of Mill Creek Canyon, over rough mountainous land through exceptionally dense and tall undergrowth.

9.35 Road and enter bottom of Mill Creek Canyon, bears N.85° W. and S.75°E.; thence in canyon.

14.85 Power line, bears N.85°W. and S.85°E.

19.15 Road, power line, and leave canyon, bears NE. and SW.; ascend SW. slope.

25.10 Spur, 85 ft. above canyon, projects N.; descend.

26.10 Small draw, drains N.; ascend.

28.50 Spur, 60 ft. above draw, projects N.; thence along steep N. slope.

37.00 Descend abruptly 100 ft. to

40.82 The original ¼ sec. cor., which is a quartzite stone, 18x10x4 ins., loosely set in the ground, marked ¼ on N. face; no accessories to cor.

Reset cor. monument firmly in the ground, and alongside same,

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S\ 28}{1928}$$

from which

A maple, 4 ins.diam., bears N.39½°E., 9 lks. dist., marked ¼ S 28 B T

Chains	
	A maple, 6 ins.diam., bears S.7°45'E., 30 lks. dist., marked ¼ S 33 B T
	Cor. stands on steep N. slope, 1.50 chs. south of the S. edge of bottom of Mill Creek Canyon, from which chimney on L.F.Rain's lodge, bears N.61°35'E.
	Thence
	East, with continuous measurement
45.60	Rocky spur, 25 ft. above ¼ sec. cor., projects N.; descend E. slope.
47.50	Draw, 25 ft. below spur, drains N.20°W.; ascend abruptly.
50.50	Spur, 85 ft. above draw, projects N.; descend.
51.09	From this point chimney on L.F.Rain's lodge, bears N.8° 35'W.
54.30	Point in bottom of S. side of Mill Creek Canyon, bears NE. and NW., 80 ft. below spur; center of a pond, bears N. approximately 1 ch. distant. Ascend along N. slope through dense undergrowth.
57.30	From this point L.F.Rain's barn, bears N. about 1.50 chs. distant. Ascend over SW. slope.
73.80	Enter scattered spruce timber, bears N. and S.
75.00	Spur, 250 ft. above Mill Creek Canyon, projects N.; descend along steep NE. and N. slopes.
75.10	From this point a house belonging to the Utah Power and Light Co., bears N.42°45'E.
77.35	Enter dense timber, bears N. and SW.
80.82	Record distance E. of the ¼ sec. cor. bet. secs. 28 and 33,
	Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 28 and 33, with brass cap marked

T1S | R2E
S28 | S27
S33 | 1926

from which

A spruce, 10 ins.diam., bears S.71½°W., 41 lks. dist., marked T 1 S R 2 E S 33 B T

Chains	
	A spruce, 8 ins.diam., bears N.78½°W., 36 lks. dist., marked T 1 S R 2 E S 28 B T
	Cor. stands on steep N. slope in dense timber and tall undergrowth.
	Land, rough mountainous; N. exposure and drainage to Mill Creek Canyon.
	Soil, brown mountain loam, decayed vegetation and rock of limestone and quartz formation; 1st. and 4th. ra
	Timber, box elder in Mill Creek Canyon and spruce and fir on eastern portion of mile.
	Undergrowth, dense oak, maple, birch, chaparral, salal rose brush, service berry brush, choke cherry, weed and grass.
	From the reestablished cor. of secs. 28 and 33.
	South, along E. bdy. sec. 33.
	Ascend abruptly N. slope over rugged mountainous land through dense timber and very dense and tall under-growth.
4.38	Northing of 80.00 chs. from the S. bdy. of the Tp.; see S. half mile bet. secs. 33 and 34.
	Subsequently at this point,
	Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 27 and 34, with brass cap marked

T1S | R2E
S27
S33 | S34
1926

from which

A fir, 12 ins.diam., bears N.14°E., 23 lks. dist., marked T 1 S R 2 E S 27 B T

A fir, 10 ins.diam., bears S.63°E., 72 lks. dist., marked T 1 S R 2 E S 34 B T

Chains	
7.50	Leave dense timber, bears NE. and SW.
14.40	Spur, 430 ft. above cor. of secs. 28 and 33, projects NE.; continue ascent along steep E. and NE. slopes.
21.30	Head of draw, 100 ft. above spur, drains NE.; ascend abruptly over N. slope.
31.35	Spur, 485 ft. above draw, projects NE.; descend along steep E. slope through very dense undergrowth.
32.97	From this point the door in a cabin in Porter Canyon, bears S.59°E.
35.30	Line strikes the E. edge of ledge or limestone outcrop.
40.00	Record distance.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. E. bdy. sec. 33, with brass cap marked

¼833 | 1926

from which

A maple, 5 ins.diam., bears N.84¼°W., 37 lks. dist., marked ¼ S 33 B T

A spruce, 5 ins.diam.,bears S.9°45'W., 39 lks. dist., marked ¼ S 33 B T

Cor. stands on steep E. slope in dense and tall undergrowth.

For land rating see south half of this mile.

From the reestablished cor. of secs. 28 and 33.

North, along E. bdy. of sec. 28

Descend abruptly N. slope through medium growth of timber and dense undergrowth.

3.95	Road and enter bottom of Porter Canyon, bears NW. and SE., also leave timber, bears NW. and SE.; thence across canyon through dense, tall maples.
4.39	An old blazed maple tree on line.

Chains	
4.47	Intersect cor. No. 1 of U. S. Forest Service summer home sites in Porter Fork Canyon.
5.80	Bottom of Porter Canyon, 210 ft. below sect. cor., drains NW.; Porter Creek, a stream 10 lks. wide, ins deep, good water, is diverted from its channel into a wood pipe line about 50 lks. E. This pipe extends to a reservoir about 5 chs. north.
6.45	Pipe line, 3 ft. in dia., carrying water from Porter Creek, extends NW. around point of spur to reservo
6.80	Leave canyon and tall maples, bears NW. and SE.; asce through dense oak brush.
8.40	Spur, 45 ft. above canyon, projects W.; descend abrup
9.60	S. side of reservoir in Mill Creek Canyon, bears E. about 5 chs. and W. about 30 lks. to concrete dam about 15 ft. high extending NW. across Mill Creek Canyon. Pipe line carrying water from Porter Canyon enters reservoir about 50 lks. W.
10.60	N. side of reservoir, bears E. and W.
10.92	Power line, bears N.80°E. and S.80°W.
11.12	Road in Mill Creek Canyon, bears N.80°E. and S.80°W.; from this point, house belonging to Utah Power and Light Co., bears N.71°20'E.; leave canyon and ascen through dense, tall maples in mouth of draw drainin nearly S.
19.70	Low point of spur, 100 ft. above Mill Creek, projects W.; descend.
20.75	Draw, drains S.20°W.; ascend.
21.90	Point, projects E. about 1 ch. distant; leave tall maples, continue through very dense oak, service berry brush, choke cherry brush and maple, 6 to 20 ft. high. Descend.
23.00	Small draw, drains S.80°E.; ascend general S. slope.
35.62	Northing of 40.00 chs. from the cor. of secs. 27 and 34. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins.

Chains	
	in the ground for ¼ sec. cor. W. bdy. sec. 27, with brass cap marked
	¼ S27 | 1926
	Raise a mound of stone, 3 ft. base, 2 ft.high, E. of cor.
	Cor. stands on steep S. slope in dense oak brush, 415 ft. above draw.
	Ascend 120 ft. to
40.00	Record distance N. of cor. of secs. 28 and 33.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. E. bdy. sec. 28, with brass cap marked
	¼S28 | 1926
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor.
	For land rating see north half of this mile.

	From the reconstructed original cor. of secs. 28,29,32, and 33.
	North, bet. secs. 28 and 29.
	Descend over rough mountainous land through dense maple and oak brush.
.15	Enter bottom of Mill Creek Canyon, bears E. and W. at the E. end of what is known as Boxelder Flat. Thence across canyon.
.72	Road in canyon, bears NW. and S.85°E.
1.27	Mill Creek, nearly dry, drains NW.; gradually ascend.
1.35	Power line, bears E. and W.
4.00	Leave canyon and ascend abruptly S. slope through dense oak and maple undergrowth, 5 to 20 ft. high.
7.60	Foot of limestone ledges, bears NE. and NW.
8.00	Top of ledges, bears NE. and NW., 50 ft. above base.
10.31	Wood pipe line, 3 ft. in diameter, bears NW. and E.

Chains	
28.40	Top of limestone outcropping on spur, 965 ft. above canyon, projects SW.; descend along nearly W. slope.
32.20	Head of rocky draw, 35 ft. below spur, drains SW.; ascend abruptly.
36.40	Top of limestone ledge, 15 ft. high, bears NE. and SW.
40.00	Record distance N. of the cor. of secs. 28,29,32, and 33. Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for ¼ sec. cor., with brass cap marked

¼

S29 | S28

1926

from which

A mahogany, 8 ins.diam.,bears N.81½°E., 51 lks. dist., marked ¼ S 28 B T

A juniper, 8 ins. diam., bears N.86½°W., 23 lks. dist., marked ¼ S 29 B T

This cor. is subsequently marked also for AP 4 tract 43; see survey of tract 43, book "B" this group.

From ¼ sec. cor. a cabin belonging to the "Boy Scouts of America", andsituated in Church Fork Canyon, bears S.53°40'W.

Cor. stands on precipitous SW. slope near top of spur, 400 ft. above draw.

For land rating see N. half of this mile.

From the reestablished cor. of secs. 31 and 32 on the S. bdy. of the Tp. heretofore described.

N.0°25'E., bet. secs. 31 and 32.

Descend along W. and NW. slopes of high spur, over rugged mountainous land through dense undergrowth, 5 to 20 ft. high, and through scattered timber.

40.00	Proportionate point.

On surface rock, mark a cross (X), over which,

Chains	
	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone for ¼ sec. cor., with brass cap marked
	¼ S31 | S32 1926
	No suitable bearing trees are available and other accessories are impracticable.
	Cor. stands on steep NW. slope 800 ft. below sec. cor.
	Continue steep descent, over series of ledges and outcroppings.
42.00	Begin precipitous descent over nearly N. slope, bears NW. and SE.
43.00	Top of limestone ledge, 20 ft. high, bears NE. and SW.
51.00	Leave timber, bears E. and W.
51.50	Leave ledges and outcroppings, bears E. and W.
53.10	Enter large maple trees and leave oak brush, bears E. and W.
54.80	Bottom of Mill Creek Canyon and dry channel of creek, 600 ft. below ¼ sec. cor., drains W.; thence across canyon.
57.75	Power line, bears NE. and SW.
59.30	Road, bears NE. and SW.
60.00	Leave canyon and dense tall maple trees, reenter dense oak brush and begin steep ascent over general S. slope, bears NE. and SW.
70.70	Leave dense undergrowth, bears E. and W.
73.05	Wood pipe line, 3 ft. in diameter, bears NE. and SW.
80.00	Proportionate measurement.
	Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for cor. of secs. 29,30,31, and 32, with brass cap marked

DEPENDENT RESURVEY OF THE SUBDIVISION OF T1S, R2E

Chains	
	T1S | R2E S30 | S29 S31 | S32 1926
	Mark a limestone, 10x8x6 ins., with a cross (X) on one face, 5 notches on E. and 1 notch on S. edge and stand alongside base of post.
	No bearing trees are available and other accessories are impracticable. Cor. stands on steep S. slope, 780 ft. above Mill Creek Canyon.
	Land, rough mountainous; general N. and S. exposure and drainage to Mill Creek Canyon which drains W.
	Soil, brown mountain loam, shale and shale rock of limestone and quartz formation; 2nd. to 4th. rates.
	Timber, scattered spruce and mahogany in south portion of mile and dense, tall maple in canyon bottom.
	Undergrowth, oak, service berry, mountain ash, choke cherry, rose brush, chaparral, weeds and grass.
	From the reconstructed original cor. of secs. 28,29,32, and 33.
	S.89°05'W., on true line bet. secs. 29 and 32.
	Along N. slope near bottom of Mill Creek Canyon, over mountainous land through dense, tall undergrowth.
1.40	Low point, projects N. about 50 lks. distant; descend.
3.70	S. edge of bottom of Mill Creek Canyon, bears NW. and NE.; Boxelder Flat immediately N. of this point. ascend.
6.60	Spur, 90 ft. above canyon, projects N.; descend along N. slope.
6.66	From this point a cabin in Church Fork Canyon, belonging to the Boy Scouts of America, bears N.27°40'W.
8.63	Old drag road, bears N. and S.
9.70	Bottom of Thayne's Canyon, 55 ft. below spur, drains N.; gradually ascend.
10.30	Spur, 40 ft. above canyon, projects N.; descend abruptly
10.34	From this point, chimney on Wigwam, belonging to the

Chains	
	Boy Scouts of America, bears S.66°W.
11.72	Power line, bears S.62°W., N.62°E. about 2 chs., thence E.
15.60	Enter bottom of Mill Creek Canyon, bears NE. and S.60°W.
17.15	Canyon road, bears NE. and SW.
17.80	Road from Mill Creek to Church Fork Canyon, bears N. and S. about 50 lks. to junction with main canyon road.
18.60	Mill Creek, in bottom of canyon, 5 lks. wide, 2 ins. deep, good water, 105 ft. below spur, course NW.
19.70	Same creek, course SW. ; leave canyon and begin ascent over SE. slope.
29.90	Spur, 185 ft. above canyon, projects S.; descend abruptly.
32.80	Draw, drains S.; ascend abruptly 140 ft. to
40.00	The original ¼ sec. cor., which is a limestone, 22x16x18 ins., lying on the ground, marked ¼ on one face, and witnessed by deeply embedded stones around cor.
	Reset stone 10 ins. in the ground, marked ¼ on N. face and alongside same,
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ — S 29 / S 32 / 1926
	Raise a mound of stone, 2 ft.base, 1½ ft.high, N. of cor.
	Cor. stands on steep S. slope in dense undergrowth.
	Thence
	S.86°16'W., with continuous measurement.
41.50	From this point, chimney on Boy Scouts Wigwam, bears S.23°50'W.
41.70	Wood pipe line, 3 ft. in diameter, bears NE. and SW.
49.40	Spur, 125 ft. above ¼ sec. cor., projects S.; descend.
56.75	Wood pipe line, 3 ft. in diameter, bears NW. and SE.
60.20	Draw, 140 ft. below spur, drains SE. about 4 chs. dist., thence SW.; ascend abruptly.
62.90	Same pipe line, bears N.10°E. and S.10°W.
70.50	Spur, 280 ft. above draw, projects S.; leave dense tall

Chains

undergrowth; thence along steep S. slope.

80.29 The reestablished cor. of secs. 29,30,31, and 32.

Land, rough mountainous; general N. and S. exposure and drainage to Mill Creek Canyon which drains W.

Soil, brown loam streaked with rock of limestone and sandstone formation; 2nd. and 4th. rates.

Timber, a few spruce on east portion of mile ; cottonwo maple; and boxelder in Mill Creek Canyon.

Undergrowth, dense oak, maple, birch, service berry, choke cherry, chaparral, weeds and grass.

From the reestablished cor. of secs. 29,30,31 and 32.

North, bet. secs. 29 and 30.

Ascend S., slope over rough mountainous land through dense oak brush.

12.80 Spur, 570 ft. above sec. cor., projects SE.; thence along broken E. slope.

24.60 Enter dense maple undergrowth, bears E. and W.

29.00 Enter scrub mahogany timber, bears E. and W.

29.70 Top of limestone ledge, 20 ft. high, bears SW. and NE. about 2 chs. distant.

31.50 Draw, 300 ft. above spur, drains SE., heads about 10 chs. NW.; ascend abruptly 400 ft. to

40.00 Record distance N. of the reestablished cor. of secs. 29,30,31 and 32.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor.; with brass cap marked

¼

S30 | S29

1926

from which

A mahogany 14ins. diam.; bears W. 1 lk. dist. marked BT

No other bearing trees available.

Chains	
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor.
	Cor. stands on steep S. slope in dense mahogany timber and tall undergrowth.
	For land rating see N. half of this mile.

	From the reestablished cor. of secs. 25,30,31, and 36 on the W. bdy. of the Tp heretofore described.
	S.88°56'E., on true line bet. secs. 30 and 31.
	Ascend N. and NW. slopes over rough mountainous land through dense undergrowth 5 to 10 ft. high.
12.50	Spur, 270 ft. above sec. cor., projects SW.; descend abruptly over SE. slope.
26.50	Wood pipe line, 3 ft. in diameter, bears NE. and SW.
33.90	Draw, 615 ft. below spur, drains S.; ascend.
34.90	Spur, 30 ft. above draw, projects S. about 5 chs. dist.; descend.
35.70	Rattlesnake Gulch, 15 ft. below spur, drains S.30°W.; ascend abruptly 280 ft. to
40.02½	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked ¼ S30/S31 1926
	Raise a mound of stone, 2 ft.base, 1½ ft.high, N.of cor.
	Cor. stands on steep W. slope; continue ascent.
40.44	Same pipe line, bears NW. and SE.
47.50	Spur, 275 ft. above ¼ sec. cor., projects SW.; thence along nearly S. slope ascending.
50.00	Head of draw, 20 ft. above spur, drains SW.; ascend
58.10	Spur, 135 ft. above draw, projects SE. about 5 chs., thence SW.; descend abruptly over E. slope through dense and tall undergrowth.
72.80	Draw, 325 ft. below spur, drains S.; ascend W. and SW. slopes 150 ft. to
80.25	The reestablished cor. of secs. 29,30,31 and 32.

Chains	
	Land, rough mountainous; W. 12.50 chs. slopes and drains W. into Salt Lake Valley; remainder of mile has a general S. exposure and drainage.
	Soil, brown mountain loam, streaked with limestone and sandstone rock and outcroppings; 2nd. and 4th. rates.
	Timber, a few scattered mahogany.
	Undergrowth, dense maple, oak, service berry brush, choke cherry, sagebrush, and chaparral ranging from 5 to 25 ft. high.

INDEPENDENT RESURVEY OF THE SUBDIVISION OF T. 1 S., R. 2 E.

INDEPENDENT RESURVEY SUPERSEDING SURVEYS EXECUTED BY A. P. HANSON, U. S. DEPUTY SURVEYOR IN 1903.

Chains	
	From the cor. of secs. 35 and 36 on the S. bdy. of the Tp. heretofore described.
	N.0°01'W., bet. secs. 35 and 36.
	Over rough mountainous land through scattered aspen timber and dense undergrowth 3 to 5 ft. high.
.60	Low spur, projects E.; descend NE. slope.
7.30	Head of draw, 145 ft. below spur, drains E. about 20 chs. to junction with Alexander Canyon, thence NE.; thence along general E. slope.
11.70	Enter dense aspen and scattered spruce and fir timber, bears NE. and SW.
12.00	Large, rolling topped spur, projects NE.; descend N. and NE. slopes.
23.80	Head of draw, 395 ft. below spur, drains S.80°E.; continue to descend.
31.90	Spur, 185 ft. below draw, projects N.80°E.; enter dense

Chains	
	spruce timber, bears E. and W.; continue to descend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked
	¼ S35 | S36 1926
	from which
	A fir, 10 ins.diam., bears N.65°E., 41 lks. dist., marked ¼ S 36 B T
	A fir, 8 ins. diam., bears N.56°45'W., 30 lks. dist., marked ¼ S 35 B T
	From this cor., the Hanson ¼ sec. cor. bet. secs. 35 and 36, which is a limestone, 8x8x6 ins. above ground, firmly set, marked ¼ on W. face; from which
	A fir, 10 ins. diam., bears S.41°45'E., 26 lks. dist., marked ¼ S 36 B T
	A fir, 10 ins. diam., bears S.35½°W., 22 lks. dist., marked ¼ S 35 B T
	bears N.77°E., 97 lks. distant. I destroy this cor. and deface the bearing trees.
	Cor. stands on steep N. slope in dense timber, 300 ft. below spur; continue descent.
47.50	Draw, 180 ft. below ¼ sec. cor., drains NE.; continue to descend.
50.60	Small spur, 120 ft. below draw, projects NE.; descend abruptly over N. slope.
55.50	Draw, 135 ft. below spur, drains NE.; gradually ascend.
59.80	Spur, 65 ft. above draw, projects NE.; descend abruptly N. slope through very dense timber and undergrowth.
66.90	Enter exceptionally dense and tall undergrowth, bears E. and W.
80.00	On steep N. slope in dense timber and undergrowth, 550 ft. below spur.
	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 25,26,35, and 36, with

Chains,

brass cap marked

T1S S26	R2E S25
S35	S36

1926

from which

A fir, 8 ins. diam., bears N.30°45'E., 15 lks. dist., marked T 1 S R 2 E S 25 B T

A fir, 14 ins. diam., bears S.72°E., 56 lks. dist., marked T 1 S R 2 E S 36 B T

A fir, 12 ins. diam., bears S.34°W., 5 lks. dist., marked T 1 S R 2 E S 35 B T

An aspen, 6 ins. diam., bears N.73½°W., 10 lks. dist., marked T 1 S R 2 E S 26 B T

From this cor., the Hanson cor. of secs. 25,26,35, and which is a sandstone, 4x8x6 ins. above ground, firml set, marked with 1 notch on E. and 1 notch on S. edg from which

A pine, 12 ins. diam., bears N.49°E., 10 lks. dist., marked T 1 S R 2 E S 25 B T

A pine, 14 ins. diam., bears S.64½°E., 24 lks. dist., marked T 1 S R 2 E S 36 B T

A willow, 6 ins. diam., bears S.20°W., 18 lks. dist., marked T 1 S R 2 E S 35 B T

A willow, 2 ins. diam., bears N.12°W., 17 lks. dist., marked T 1 S R 2 E S 26 B T

bears east, 85 lks. distant. I destroy this cor. and deface the bearing trees.

Land, rough mountainous; general NE. exposure and drainage to Mill Creek Canyon.

Soil, brown mountain loam, decayed vegetation streaked with rock of sandstone and limestone formation; 2nd. and 3rd. rates.

Timber, aspen and good quality spruce, fir and pine.

Undergrowth, oak, maple, willow, service berry brush, mountain ash, choke cherry, chaparral, buck brush,

Chains	
	weeds and grass.
	East, on a random line bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.02	Intersect E. bdy. of the Tp. at the cor. of secs. 25 and 36 heretofore described.
	Thence
	West; on true line bet. secs. 25 and 36.
	Over rough mountainous land through dense undergrowth 5 to 20 ft. high. Descend short W. slope.
.50	Draw, drains SW., enter aspen timber, bears NE. and SW.; ascend.
2.40	Spur, projects SW., 15 ft. above draw; descend.
5.10	Draw, 85 ft. below spur, drains SW.;leave aspen timber, bears NE. and SW.; ascend.
8.80	Spur, 35 ft. above draw, projects SW.; descend.
12.40	Draw, 65 ft. below spur, drains SW. about 5 chs. to junction with main draw; ascend.
16.30	Spur, 60 ft. above draw, projects SW.; descend.
18.10	Enter dense aspen timber, bears N. and S.
28.00	Draw, drains SW., 290 ft. below spur; leave dense aspen timber and ascend E. slope.
32.10	Spur, 15 ft. above draw, projects SW.; reenter dense aspen timber and descend general W. slope.
37.40	Leave dense aspen timber, bears NW. and SE.
40.01	On W. slope in dense undergrowth.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S25}{S36}$$
1926

from which

An aspen, 4 ins. diam., bears S.85½°W., 47 lks. dist., marked ¼ S 36 B T

An aspen, 6 ins. diam., bears N.85½°W., 92 lks. dist., marked ¼ S 25 B T

Chains	
	No trace of the Hanson ¼ sec. cor. can be found.
	Continue descent.
40.90	Reenter dense aspen timber, bears N. and S.
44.90	Leave dense aspen and enter scattered pine and fir timber, bears NW. and SE.
47.20	Old road and enter bottom of Mill Creek Canyon, bears NW. and SE.
49.00	Mill Creek, 10 lks. wide, 1 ft. deep, good water, 340 ft. below spur, course NW.
51.31	Road, bears NW. and SE.; gradually ascend.
56.90	Mouth of draw from the south, 20 ft. above Mill Creek, drains NE.; leave canyon and ascend through dense timber and undergrowth, bears NW. and SE.
71.80	Spur, 125 ft. above draw, projects N.; descend.
73.50	Draw, 50 ft. below spur, drains N.; ascend E. and N. slopes through exceptionally dense undergrowth.
80.02	The cor. of secs. 25,26,35, and 36.
	Land, rough mountainous; general SW. and N. exposure and drainage to Mill Creek Canyon.
	Soil, brown mountain loam, decayed vegetation and rocky of limestone formation; subsoil, rich loam; 1st. and 3rd. rates.
	Timber, dense aspen thickets E. of Mill Creek and medium to dense growth of spruce, fir, pine and aspen of good quality W. of Mill Creek.
	Undergrowth, dense oak, maple, willow, chaparral, service berry brush, mountain ash, choke cherry weeds and grass, 5 to 25 ft. high.

N.0°01'W., bet. secs. 25 and 26.

Descend E. slope over rough mountainous land through dense spruce, fir, pine and aspen timber, and dense tall undergrowth.

Chains	
3.20	Leave dense undergrowth, bears E. and W.
8.20	Enter bottom of Mill Creek Canyon, bears NW. and SE.
9.20	Road, bears NW. and SE.; leave dense timber.
10.90	Mill Creek, 10 lks. wide, 1 ft. deep, good water, 275 ft. below sec. cor., course W. about 3 chs., thence NW.; ascend steep S. slope, and leave canyon, bears NW. and SE.
11.55	Enter very dense and tall undergrowth, bears NW. and SE.
20.20	Leave aspen timber, bears E. and W.
21.30	Spur, 265 ft. above canyon, projects SW.; descend NW. slope.
24.90	Draw, 15 ft. below spur, drains SW.; ascend abruptly entering scattered aspens and dense patches of tall birch undergrowth, bears NE. and SW.
26.86	Small stream of good water, comes from small spring which heads 25 lks. NE., and flows SW.
28.07	Leave aspen timber and birch undergrowth, bears NE. and SW.
32.00	Enter scattered aspens, bears N.25°E. and SW.
35.80	Leave aspens, bears N.25°E. and SW.
40.00	On steep S. slope in dense undergrowth, 450 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S26 | S25

1926

from which

A pine, 8 ins. diam., bears S.1¼°E., 147 lks. dist., marked ¼ S 25 B T

A pine, 24 ins. diam., bears S.61½°W., 128 lks. dist., marked ¼ S 26 B T

No trace of the Hanson ¼ sec. cor. can be found.

Continue steep ascent.

48.70	High spur, 400 ft. above ¼ sec. cor., projects SW.;

Chains	
	enter scattered aspens and very dense, tall undergr
	Begin precipitous descent over N. slope.
50.70	Enter dense aspen timber, bears E. and W.
61.15	Draw, 360 ft. below spur, drains N.20°W.; descend NW. slope.
69.80	Point of spur, 300 ft. below draw, projects NW. about 2 chs. distant; continue to descend.
71.00	Draw, 30 ft. below spur, drains NW.; thence along W. slo
72.50	Point, projects W. about 2 chs. distant.
73.15	Gully, drains W.; ascend.
74.10	Spur, 20 ft. above gully, projects W. about 3 chs. dist.; descend NW. slope, leave pine timber, bears E. and W.
76.95	Stream, 2 lks. wide, 1 in. deep, in canyon, 35 ft. below spur, course SW.; dense willow and birch undergrowth in canyon. Ascend S. slope.
79.80	Leave aspen timber, enter dense undergrowth, bears E. and W.
80.00	On S. slope 70 ft. above canyon.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 23,24,25, and 26, with brass cap marked

T1S	R2E
S23	S24
S26	S25

1926

from which

A maple, 4 ins. diam., bears N.49¼°E., 35 lks. dist., marked T 1 S R 2 E S 24 B T

An aspen, 6 ins. diam., bears S.56°45'E., 39 lks. dist., marked T 1 S R 2 E S 25 B T

An oak, 4 ins. diam., bears S.34°W., 50 lks. dist., marked T 1 S R 2 E S 26 B T

An oak, 3 ins. diam., bears N.77°W., 20 lks. dist., marked S 23 BT

From this cor., the Hanson cor. of secs. 23,24,25, and 26 which is a gray granite stone, 16x10x6 ins., firmly

Chains

set in the ground, marked with 1 notch on E. and 2 notches on S. edge; from which

An aspen, 8 ins.diam., bears N.4½°E., 38 lks. dist., marked T 1 S R 2 E S 24 B T

An aspen, 6 ins.diam., bears S.12¼°E., 34 lks. dist., marked T 1 S R 2 E S 25 B T

An aspen, 8 ins.diam., bears S.19½°W., 37 lks. dist., marked T 1 S R 2 E S 26 B T

bears S.56°58'E., 2.18 chs. distant. I destroy cor. stone and deface bearing trees.

Land, rough mountainous; general N. and W. exposure and drainage to Mill Creek Canyon.

Soil, brown mountain loam, decayed vegetation and rocky of limestone and sandstone formation; subsoil, rich loam; 1st. and 4th. rates.

Timber, aspen, spruce, pine and fir.

Undergrowth, dense oak, maple, birch, willow, service berry brush, mountain ash, buck brush, chaparral, salal, rose brush, weeds and grass, 5 to 25 ft. high.

East, on a random line bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.,.

79.96 Intersect E. bdy. of the Tp. 35 lks. S. of the cor. of secs. 24 and 25 heretofore described.

Thence

S.89°45'W., on true line bet. secs. 24 and 25.

Over rough mountainous land through dense aspen timber and dense tall undergrowth.

.25 Depression, drains NE.; ascend abruptly over E. slope.

2.40 Leave aspen timber, bears NE. and SW.

3.30 Spur, 100 ft. above sec. cor., projects NE.; descend NW. slope through very dense undergrowth.

4.20 Enter medium growth of pine timber, bears N. and S.

8.00 Enter scattered aspen timber, bears N. and S.

16.40 Stream, 3 lks. wide, 2 ins. deep, good water, in canyon,

Chains

185 ft. below spur, course NE.; leave timber and ascend SE. slope through very dense undergrowth.

30.00 Spur, 280 ft. above canyon, projects S.; gradually descend.

32.30 Small seep of good water, course S.; enter aspen timber, bears NW. and SE.

33.70 Draw, drains SE., heads at low saddle in ridge about 15 chs. NW.; ascend abruptly over E. slope.

35.90 Leave dense aspens, bears N. and S.

39.98 On steep E. slope in dense undergrowth and scattered aspens, 240 ft. above draw.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

$$\frac{1}{4}\ \frac{S24}{\begin{matrix}S25\\1926\end{matrix}}$$

from which

An aspen, 4 ins.diam., bears S.18¼°E., 54 lks. dist., marked ¼ S 25 B T

An aspen, 4 ins.diam., bears N.26°W., 16 lks. dist., marked ¼ S 24 B T

No trace of the Hanson ¼ sec. cor. can be found.

Continue steep ascent over E. slope.

46.80 Top of ridge and divide between Mill Creek Canyon and Lamb's Canyon, 240 ft. above ¼ sec. cor., bears N. and S.; a low saddle in ridge, bears N. about 5 chs. dist. scattered pines and aspen timber extend along top of ridge. Gradually descend along general N. slope.

57.60 Enter aspen timber and tall undergrowth, bears N. and S.

62.50 Spur, 280 ft. below divide; projects NW.; descend abruptly over W. slope.

65.50 Timber becomes very scattered, bears N. and S.

74.20 Reenter medium growth of aspen timber, bears N. and S.

77.50 Bottom of canyon and head of a series of small springs and seeps, 485 ft. below spur, course SW.; dense

S.R. INDEPENDENT RESURVEY OF THE SUBDIVISION OF T.1 S.,R.2 E.

Chains	
	willow and birch undergrowth in canyon. Gradually ascend 15 ft. to
79.96	The cor. of secs. 23,24,25, and 26.
	Land, rough mountainous; general NE. and W. exposure and drainage from divide at 46.80 chs.
	Soil, rich mountain loam streaked with rock of sandstone formation; 1st. and 2nd. rates.
	Timber, aspen on major portion of mile and scattered to medium growth of pine on eastern portion.
	Undergrowth, dense growth of oak, maple, chaparral, willow, birch, service berry brush, buck brush, mountain ash, salal, weeds and grass.
	N.0°01'W., on a random line bet. secs. 23 and 24.
40.00	Set temp. ¼ sec. cor.
77.42	Intersect E. and W. line 11 lks. E. of the reestablished cor. of secs. 13,14,23, and 24, heretofore described.
	Thence
	S.0°06'E., on true line bet. secs. 23 and 24.
	Ascend abruptly from bottom of draw over rough mountainous land through dense aspen and scattered spruce timber and very dense, tall undergrowth.
9.90	Spur, projects N.10°E.; leave dense timber, bears NE. and SW.; ascend along general E. slope.
23.50	Draw, drains N.20°E.; very dense and rank growth of willows in draw. Enter medium growth of aspen timber, bears NE. and SW.; continue steep ascent.
36.40	Leave aspen timber and willow undergrowth, bears E. and W.; abrupt ascent over N. slope through medium growth of spruce timber.
37.42	On steep N. slope, 1040 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a large mound of stone for ¼ sec. cor., with brass cap marked

S23 | S24
1927

Chains	
	from which
	A spruce, 12 ins. diam., bears N.[illegible]E., 109 lks. dist., marked ¼ S 20 B T
	A spruce, 12 ins. diam., bears N.53½°W., 38 lks. dist., marked ¼ S 23 B T
	No trace of the Hanson ¼ sec. cor. can be found.
	Continue abrupt ascent.
47.40	Top of ridge and divide bet. Mill Creek and Parley's Canyon, 430 ft. above ¼ sec. cor., bears E. and W.; A saddle in ridge bears W. about 12 chs. and a peak E., about 3 chs. distant. Water tank on D.& R.G.Ry. at Barclay, Utah, bears N.25°25'E. Leave spruce timb and enter dense mahogany timber, bears E. and W. Descend abruptly over rough, broken SW. slope.
55.90	Top of red sandstone ledge, 120 ft. high, bears E. and W. about 2 chs. distant. Leave timber and undergrowth descend abruptly.
58.00	Base of ledges, bears E. and W. about 2 chs. distant; continue precipitous descent over S. slope.
65.50	Enter dense tall undergrowth, bears E. and W.
68.00	Enter aspen timber, bears E. and W.
71.00	Leave aspen timber, bears E. and W.
72.15	Point, on granite ledge, projects E. about 1½ chs. dist.
77.42	The cor. of secs. 23,24,25, and 26, 1200 ft. below divid
	Land, rugged mountains; general N. and S. exposure and drainage from divide at 47.40 chs.
	Soil, mountain loam and rocky of sandstone and limestone formation; 2nd. and 4th. rates.
	Timber, aspen, spruce and mahogany. Spruce timber chiefl on the shel tered N. slopes.
	Undergrowth, dense willow, oak, maple, [illegible], chaparral, service berry brush, choke cherry, rose brush, buck brush, weeds and grass.
	From the true point for the cor. of secs. 34 and 35 on

INDEPENDENT RESURVEY OF THE SUBDIVISION OF T.1 S.,R.2 E.

Chains	
	the S. bdy. of the Tp. heretofore described N.0°01'W., bet. secs. 34 and 35.
	Over rough mountainous land through scrub mahogany timber. Ascend abruptly over ledge bearing N.80°W. and S.80°E.
.65	The witness cor. to the cor. of secs. 34 and 35 heretofore described.
.70	Spur, 60 ft. above true cor. point, projects S.80°W.; ascend across head of draw through scattered timber and dense, tall undergrowth.
1.60	Head of draw, 5 ft. below spur, drains W.; ascend.
5.60	High spur, 60 ft. above draw, projects N.80°W.; descend abruptly over NW. slope.
5.65	From this point a mine shaft, bears S.89°45'W.; dump at mine bears N.88°30'W.
7.00	Enter medium growth of pine timber and very dense undergrowth, bears E. and W.
12.90	Head of draw, 240 ft. below spur, drains NW.; enter scattered aspen timber, bears E. and W. Continue to descend.
15.20	Spur, 135 ft. below draw, projects NW.; descend abruptly over N. slope.
16.35	Leave medium growth of pine timber and enter dense aspen timber, bears E. and W.
24.40	Enter dense pine timber, bears E. and W.
30.30	Leave dense timber, enter scattered timber, bears E. and W.
31.70	Bottom of Pole Canyon, 590 ft. below spur, drains W.; trail in canyon, bears E. and W. Ascend abruptly over S. slope.
32.65	Leave timber, bears E. and W.; continue through dense undergrowth.
40.00	On S. slope in dense undergrowth, 350 ft. above canyon. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., with brass cap marked

Chains

¼

S34 | S35

1926

from which

A pine, 24 ins. diam., bears S.67°E., 126 lks. dist., marked ¼ S 35 B T

A pine, 20 ins. diam., bears N.8°W., 89 lks. dist., marked ¼ S 34 B T

From cor. mine shaft and dump bears S.50°30'W.; the Hanson ¼ sec. cor., which is a sandstone, 10x8x8 ins above ground, firmly set, marked ¼ on W. face; from which

An aspen, 4 ins. diam., bears S.50°E., 22 lks. dist., marked ¼ S 35 B T

An aspen, 4 ins. diam., bears N.56°W., 9 lks. dist., marked ¼ S 34 B T

bears N.75°E., 250 chs. distant. I destroy cor. stone and deface bearing trees.

41.30 Ridge, 20 ft. above ¼ sec. cor., bears NW. and SE.; enter scattered pine timber, bears NW. and SE.; descend abruptly over NE. slope.

42.60 Enter dense aspen timber, bears E. and W.

47.20 Spur, 165 ft. below ridge, projects NE.; leave dense aspen and dense undergrowth, enter dense pine timber, bears E. and W. Descend abruptly over N. slope.

61.70 Draw, 580 ft. below spur, drains N.30°E.; thence across low point.

65.00 Road, in S. edge of Bowman Canyon, bears E. and W.; leave dense timber, bears E. and W.

65.57 Stream, 5 lks. wide, 1 in. deep, good water, in Bowman Canyon, course west about 1 ch.; thence NW.; reenter dense, tall undergrowth and begin ascent over SW. slope.

67.30 Leave timber, bears E. and W.

70.70 Spur, 115 ft. above canyon, projects SW.; descend.

Chains	
75.00	Draw, 25 ft. below spur, drains SW.; ascend S. slope 190 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 26,27,34, and 35, with brass cap marked

T1S | R2E
S27 | S26
S34 | S35
1926

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

Cor. stands on S. slope near top of spur projecting W. and in dense undergrowth.

From this cor., the Hanson cor. of secs. 26,27,34, and 35, which is a limestone; 6x6x4 ins. above ground; firmly set, marked with 1 notch on E. and 1 notch on S. edge, other marks worn off of stone, and unwitnessed, bears S.86°37'E., 2.32 chs. distant. I destroy cor.

Land, rough mountainous; general N. and S. exposure and NW. drainage.

Soil, rich mountain loam streaked with rock of sandstone and limestone formation; subsoil, rich loam and rock; 1st. and 4th. rates.

Timber, aspen, spruce, pine and fir found chiefly on sheltered N. slopes.

Undergrowth, dense oak, maple, mahogany, willow, salal, choke cherry, service berry, rose brush, chaparral, weeds and grass.

	East, on a random line bet. secs. 26 and 35.
40.00	Set temp. ¼ sec. cor.
80.14	Intersect N. and S. line 9 lks. N. of the cor. of secs. 25,26,35, and 36.

Thence

N.88° 56'W., on true line bet. secs. 26 and 35.

INDEPENDENT RESURVEY OF THE SUBDIVISION OF T.1 S., R.2

Chains	
	Over rough mountainous land along general N. slope through dense aspen and pine timber and very dense and tall undergrowth.
.90	Small draw, 15 ft. below sec. cor., drains N.; ascend.
1.30	Low point, projects N.; descend.
4.60	Ravine, 110 ft. below point, drains N.; ascend abruptly.
11.40	Spur, 275 ft. above ravine, projects N.; thence along general N. slope.
13.75	Head of small draw, 25 ft. below spur, drains N.; ascend
15.20	Spur, 25 ft. above draw, projects N.; gradually descend.
21.40	Draw, 60 ft. below spur, drains NE.; ascend abruptly.
25.40	Spur, 95 ft. above draw, projects NE.; descend.
30.90	Head of draw, 40 ft. below spur, drains NE.; ascend
34.70	Ridge, 115 ft. above draw, bears NW. and S.10°E.; leave timber, bears NW. and SE.; gradually descend through very dense and tall undergrowth.
40.07	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked ¼ S26 / S35 / 1926 from which An aspen, 6 ins. diam., bears S.63°W., 44 lks. dist., marked ¼ S 35 B T An aspen, 8 ins. diam., bears N.83¼°W., 60 lks. dist., marked ¼ S 26 B T No trace of the Hanson ¼ sec. cor. can be found. Cor. stands on SW. slope in dense, tall undergrowth, and in E. edge of aspen timber bearing N. and S.
40.50	Head of draw, 90 ft. below ridge, drains SW.; ascend.
42.40	Leave dense timber, bears N. and S.
42.80	Ridge spur, 25 ft. above draw, bears N.70°E. and S.70°W.; descend along N. slope.
46.40	Spur, 45 ft. below spur, projects N.; enter dense aspen timber, bears N. and S. Descend along N. and NW. slope

Chains	
53.90	Draw, near head, 120 ft. below spur, drains N.; ascend.
56.45	Spur, 15 ft. above draw, projects N.; leave dense aspen timber, bears N. and S.; descend along N. and NW. slopes of spur.
64.10	Draw, 120 ft. below spur, drains N.; ascend along N. slope.
66.30	Spur, 30 ft. above draw, projects N.; descend .
72.70	Main ridge spur, 85 ft. below spur, bears SE., NW. about 4 chs. thence W.; leave timber, bears NW. and SE. Thence along S. slope to
80.14	The cor. of secs. 26,27,34, and 35.
	Land, rough mountainous; E.exposure and drainage on E. 34.70 chs.; remainder of mile follows along the N. and S. slopes of a prominent ridge spur projecting in a westerly direction.
	Soil, mountain loam, streaked with rock of sandstone formation; subsoil, rich mountain loam; 1st. and 3rd. rates.
	Timber, aspen, pine, spruce and fir.
	Undergrowth, dense oak, maple, service berry brush, mountain ash, choke cherry, chaparral, salal, manzanita, weeds and grass.
	West, on a random line bet. secs. 27 and 34.
40.00	Set temp. ¼ sec. cor.
74.05	Intersect N. and S. line 6 lks. N. of the cor. of secs. 27 and 34.
	Thence
	N.89°57'E., on true line bet. secs. 27 and 34.
	Descend abruptly NE. and E. slopes over rough mountainous land through scattered pine timber and dense, tall undergrowth.
3.05	Leave timber, bears N. and S.
7.95	Enter Porter Canyon, 240 ft. below sec. cor., bears

Chains

NW. and SE.

8.65 NW. cor. of a summer home in Porter Canyon, a frame building 20x40 ft. facing E. Other summer homes extend NW. along creek in canyon.

9.95 Road in canyon, bears N.30°W. and S.30°E.

10.55 Porter Creek in canyon, 10 lks. wide, 1 ft. deep, course N.30°W.; ascend abruptly over W. and SW. slopes.

14.25 Enter scattered pine timber, bears N. and S.

17.00 Leave timber, bears N. and S.

34.05 On W. slope in dense oak brush, 550 ft. above canyon. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼ S27 / S34 / 1926

Deposit a limestone, 12x8x4 ins. marked with a cross (X) on one face at base of monument.

Other accessories impracticable.

No trace of the Hanson ¼ sec. cor. can be found.

36.95 Prominent ridge spur, 80 ft. above ¼ sec. cor., projects NW.; thence along N. slope of spur.

37.55 Enter medium growth of pine timber, bears N. and S.

45.95 Leave timber, bears N. and S.

62.65 Same spur, 280 ft. above last crossing, projects S.80°W. and comes from the east; descend along top of spur.

67.85 Leave spur in low saddle, bears NE. and W.; ascend over W. and S. slopes 130 ft. to

74.05 The cor. of secs. 26,27,34, and 35.

Land, rough mountainous; general E. and W. exposure and drainage to Porter Canyon on W. 36.95 chs.; remainder of mile lies on N. and S. slopes of a prominent spur dividing Mill Creek and Bowman Canyon.

Soil, rich mountain loam streaked with rock of sandstone and limestone formation; 1st. and 3rd. rates.

Timber, spruce, pine and fir on western portion and east

Chains	
	central portion of mile; dense boxelder and maples along canyon bottom.
	Undergrowth, dense oak, maple, service berry brush, choke cherry, chaparral, salal, mountain ash, rose brush, weeds and grass, 5 to 25 ft. high.
	N.0°01'W., bet. secs. 26 and 27.
	Ascend over mountainous land through dense, tall undergrowth.
1.00	Ridge spur, 15 ft. above sec. cor., bears E. and W.
1.50	Enter medium growth of pine timber, bears E. and W.; begin precipitous descent over N. slope into Mill Creek Canyon.
12.30	Timber becomes scattered, bears E. and W.
20.10	Bottom of Mill Creek Canyon and stream, 5 lks. wide, 2 ins. deep, good water, 755 ft. below spur, course W. Very dense undergrowth along creek.
20.70	Road, bears E. and W.; leave canyon and timber, bears E. and W.; ascend precipitous S. slope through very dense and tall undergrowth.
34.40	Wood pipe line, 3 ft. in diameter, bears N.60°E. and S.60°W.
40.00	On S. slope in dense undergrowth, 490 ft. above canyon. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S27 | S26

1926

Deposit 1 quart of glass around base of monument.

Other accessories at cor. impracticable.
No trace of the Hanson ¼ sec. cor. can be found.
Continue abrupt ascent over general S. slope of mountain.

51.00	Top of limestone outcropping, 450 ft. above ¼ sec. cor., bears E. and W.
74.00	Point, 1000 ft. above ¼ sec. cor., projects SE., descend.
76.00	Head of swale, drains SE.; ascend 50 ft. to

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. [illegible] the ground for cor. of secs. 22,23,26, and 27, with brass cap marked

T1S	R2E
S22	S23
S27	S26

1926

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

Cor. stands on S. slope near top of divide between Smith Fork and Mill Creek Canyons.

Land, rough, rugged mountains; general N. and S. exposure and W. drainage.

Soil, rich mountain loam, shale rock and limestone outcroppings; 1st. to 4th. rates.

Timber, pine in south portion of mile.

Undergrowth, very dense and tall oak, maple, choke cherry mountain ash, salal, manzanita, willow, birch, service berry brush, chaparral, weeds and grass, 5 to 30 ft. high.

S.89°56'E., on a random line bet. secs. 23 and 26.

4[illegible].00 Set temp. ¼ sec. cor.

[illegible].16 Intersect N. and S. line 9 lks. S. of the cor. of secs. 23,24,25, and 26.

Thence

West, on true line bet. secs. 23 and 26.

Ascend along S. slope of canyon over rough mountainous land through dense undergrowth.

3.30 Top of ascent on S. slope, 35 ft. above sec. cor., gradually descend along S. slope.

[illegible].00 Spur, 75 ft. below top of ascent; projects SW.; descend W. slope.

14.[illegible] Enter dense aspen timber and leave dense undergrowth, bears N. and S.

Chains	
15.00	Draw, 125 ft. below spur, drains SW.; gradually descend along SW. slope.
22.90	Spur, 200 ft. below draw, projects SW.; descend W.slope.
24.40	Small draw, 35 ft. below spur, drains SW.; ascend.
25.50	Spur, about level with draw, projects SW.; descend.
30.60	Stream, 3 lks. wide, 1 in deep, good water, in bottom of Elbo Fork of Mill Creek Canyon, 100 ft. below spur, course SW. about 5 chs., thence S.; gradually ascend SE. slope.
34.00	Enter scattered pine timber, bears N. and S.; dense aspen timber immediately S. of line.
37.60	South, 81 lks. distant is the Hanson ¼ sec. cor. bet. secs. 23 and 26 which is a sandstone, 6x6x4 ins. above ground, firmly set, marked ¼ on N. face; from which An aspen, 8 ins.diam.,bears S.13°E., 18 lks. dist.,marked ¼ S 26 B T An aspen, 10 ins.diam.,bears N.22°45'W., 26 lks. dist.,marked ¼ S 23 B T I destroy cor. stone and deface bearing trees.
38.40	Bottom of Elbo Fork Canyon, and small stream, 1 lk. wide, 1 in. deep, good water, 105 ft. above last stream, course S.80°E.; enter medium growth of spruce and pine timber, together with dense aspen, bears N.80°W. and S.80°E.; ascend E. and NE. slopes.
40.08	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked ¼ S23 / S26 1926 from which A spruce, 10 ins.diam.,bears S.73°E., 30 lks. dist., marked ¼ S 26 B T A spruce, 10 ins.diam.,bears N.21°W., 30 lks. dist., marked ¼ S 23 B T Cor. stands on steep NE. slope about 20 ft. S. of an old

Chains	
	trail leading from Mill Creek to Smith Fork Canyon.
	Continue ascent over NE. slope.
41.90	Timber becomes more scattered, bears N. and S.
48.60	Spur, 300 ft. above Elbo Fork, projects NE.; thence along general N. slope.
50.60	Enter dense aspen timber, bears N. and S.
58.70	Draw, 165 ft. above spur, drains NE.; ascend abruptly over general E. slope.
69.90	Leave dense timber, bears N. and S.
75.40	Leave all timber, bears N. and S.
78.12	South, 1.42 chs. distant is the Hanson cor. of secs. 22,23,26, and 27, which is a sandstone, 6x8x6 ins. above ground, firmly set, marked with 2 notches on E. and 2 notches on S. edge and witnessed by a small mound of stone W. of cor. I destroy cor.
80.16	The cor. of secs. 22,23,26, and 27, 700 ft. above draw.
	Land, rough mountainous with steep slopes of ridges and spurs into canyons draining SW.
	Soil, rich mountain loam streaked with rock of sandstone and limestone formation; 1st. and 3rd. rates.
	Timber, medium to scattered growth of aspen, spruce and pine on major portion of mile.
	Undergrowth, dense oak, maple, choke cherry, salal, chaparral, service berry brush and rose brush, 5 to 20 ft. high.
	N.0°06'W., on a random line bet. secs. 22 and 23.
40.00	Set temp. ¼ sec. cor.
77.80	Intersect E. and W. line 7 lks. E. of the reestablished cor. of secs. 14,15,22, and 23 heretofore described.
	Thence
	S.0°09'E., on true line bet. secs. 22 and 23.
	Gradually descend SW. slope over rough mountainous land through scattered scrub aspen timber and dense, tall undergrowth.

Chains	
	Note: No trace of the Hanson SW. cor. of sec.14, the closing cor. of secs. 22 and 23, or the closing cor. of secs. 15 and 22 can be found.
3.60	Head of a small spring of good water flowing S.70°W. on line.
11.20	Enter dense aspen timber, bears E. and W.
12.70	Left fork of Smith Fork Canyon, 120 ft. below sec. cor., drains N.70°W.; very dense undergrowth in canyon. Ascend abruptly over N. slope.
17.50	Leave aspen timber, bears E. and W.
20.00	Spur, 230 ft. above canyon, projects W.; gradually descend.
26.00	Begin steep descent over S. slope.
29.30	Enter dense aspen and maple timber, bears E. and W.
31.90	Draw, 205 ft. below spur, drains W.; ascend.
34.00	Leave timber, bears E. and W.
37.60	Top of ascent, bears E. and W.; gradually descend along W. slope.
37.80	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked ¼ S22 | S23 1927 Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor. From this cor. the Hanson ¼ sec. cor. bet. secs. 22 and 23, which is a sandstone, 8x4x3 ins. above ground, firmly set, marked ¼ on W. face and not witnessed, bears S.48°33'E., 2.98 chs. distant. This cor. is left standing in connection with the survey of tract 37; see survey of tract 37, book "B" this group.
39.60	Begin abrupt descent, S. slope.
44.40	Enter dense aspen timber, bears E. and W.
47.30	Trail in Smith Fork Canyon, bears NW. and SE. to Mill Creek.
48.10	Bottom of Smith Fork Canyon, 165 ft. below ¼ sec. cor.,

Chains	
	drains NW., and heads at a low saddle in ridge divide bet. Mill Creek and Smith Fork Canyon, about 12 chs. E.; ascend abruptly over N. slope through very dense undergrowth.
51.20	Leave timber, bears E. and W.
58.00	Enter aspen timber, bears E. and W.
59.53	Intersect line 8-9 tract 37, 2.17 chs. S.88°48'W. of AP described in book "B" this group.
75.30	Leave timber, bears E. and W.
75.75	Top of ridge and divide bet. Mill Creek Canyon and Smith Fork Canyon, 770 ft. above Smith Fork Canyon, bears N.60°E. and W.; descend 15 ft. over S. slope to
77.80	The cor. of secs. 22,23,26, and 27.
	Land, rough mountainous; general W. exposure and drainage on S. 48 chs., and N. and S. exposure and drainage on remainder of mile.
	Soil, rich mountain loam streaked with rock of sandstone and limestone formation; 1st and 2nd. rates.
	Timber, aspen thickets and scattered clumps of spruce.
	Undergrowth, dense oak, service berry brush, maple, willow, chaparral, salal, manzanita, choke cherry, weeds and grass.

From the reestablished ¼ sec. cor. E. bdy. of sec. 33, heretofore described.

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

44.38 Intersect S. bdy. of the Tp. 81.20 chs. East of the reestablished cor. of secs. 32 and 33 heretofore described. Cor. of secs. 33 and 34 established at this point; see survey of the S. bdy. of this Tp.

Thence from the cor. of secs. 33 and 34.

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

Over rugged general E. face of mountain through dense undergrowth.

Chains	
3.00	Begin ascent over ledges, bears NE. and SW.
4.80	Top of ledges and sharp rocky spur, 200 ft. above sec. cor., projects N.70°E.; descend abruptly over NE. slope.
9.20	Enter aspen timber, bears E. and W.
15.00	Draw, 470 ft. below spur, drains NE.; ascend.
18.20	Leave timber, bears NW. and SE.
22.63	From this point, door in cabin in bottom of Porter Canyon, bears N.84°35'E.
26.00	Spur, 225 ft. above draw, projects NE.; descend abruptly over N. slope entering scattered timber.
40.00	Draw, 700 ft. below spur, drains NE.; leave timber. Point for ¼ sec. cor. W. bdy. sec. 34 falls in wash in draw where cor. would be washed away, therefore, at
40.26	On N. edge draw.

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for witness cor. to the ¼ sec. cor. W. bdy. sec. 34, with brass cap marked

| ¼ S34 ✓

WC
1926

from which

SE. face of hard sandstone boulder or outcrop, 4x4x4 ft. showing, marked X BO S34, bears S.80°E., 7 lks. distant.

No other accessories available.

Thence along E. slope to

44.38 The ¼ sec. cor. E. bdy. sec. 33.

Land, rough, rugged mountains on general E. slope of high ridge spur projecting N. into Mill Creek Canyon.

Soil, mountain loam and limestone rock and outcroppings; 1st. to 4th. rates.

Chains	
	Timber, aspen thickets and scattered patches of spruce and pine and fir on major portion of mile.
	Undergrowth, dense oak, willow, choke cherry, maple, chaparral, salal, manzanita, service berry brush, mountain ash, box wood, weeds and grass.
	From the reestablished ¼ sec. cor. E. bdy. sec. 28, heretofore described.
	North, bet. secs. 27 and 28.
	Ascend abruptly S. slope over rough mountainous land through dense undergrowth.
5.00	Spur, 135 ft. above ¼ sec. cor., projects SE.; thence gradually ascend along general E. slope through very dense undergrowth.
15.70	Draw, about level with spur, drains SE.; ascend abruptly over S. slope.
35.62	Northing of 80.00 chs. from the cor. of secs. 27 and 34. Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for cor. of secs. 27 and 28 only, with brass cap marked

T1S R2E
S22
S28 | S27
1926

Impracticable to build accessories at cor.

Cor. stands on a high spur, 1040 ft. above draw, projecting SE. No trace of the Hansen cor. of secs.21,22,27,and 28 can be found.

Land, S. portion of mile slopes and drains N. into Porter and Mill Creek Canyons; major portion of line lies on S. slope of Mill Creek Canyon. Entire mile extremely rough and mountainous.

Soil, mountain loam and rocky of sandstone and limestone formation; subsoil, dry clay loam and rocky; 2nd. and 4th. rates.

Timber, scattered spruce and pine in extreme S. part of

INDEPENDENT RESURVEY OF THE SUBDIVISION OF T.1 S.,R.2 E.

Chains	
	mile.
	Undergrowth, dense oak, maple, chaparral, salal, manzanita, mountain ash, service berry brush, choke cherry, sagebrush, weeds and grass, 5 to 25 ft. high.
	N.89°57'E., on a random line bet. secs. 22 and 27.
54.00	(Computed distance) Set temp. ¼ sec. cor.
73.93	Intersect N. and S. line, 15 lks. N. of the cor. of secs. 22,23,26, and 27.
	Thence
	N.89°56'W., on true line bet. secs. 22 and 27.
	Over mountainous land facing S. through dense undergrowth. Ascend along S. slope near top of divide bet. Mill Creek and Smith Fork Canyons.
2.00	Head of shallow draw, drains SE., also N. edge of an aspen thicket, bearing SE. and SW.
8.20	Spur, 35 ft. above draw, projects SE.; descend.
2.80	Enter medium growth of aspen timber, bears N. and S.
4.80	Draw, 102 ft. below spur, drains S.; a low saddle in divide bet. Mill Creek and Smith Fork Canyons, bears North, about 4 chs. distant. Ascend SE. slope.
6.70	Leave timber, bears N. and S.
5.25	High point, 110 ft. above draw, projects S.10°W.; descend W. slope.
6.50	Enter scattered pine timber, bears N. and S.
3.10	Top of limestone ledge, 35 ft. high, bears N. and S.; descend abruptly.
7.00	Leave timber, bears N. and S.
0.00	On steep W. slope at foot of small limestone outcropping, 650 ft. below point.
	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a large mound of stone for ¼ sec. cor., with brass cap marked

¼ S22 / 1927

INDEPENDENT RESURVEY OF THE SUBDIVISION OF T. 1 S., R. 2

Chains	
	No trace of the Hanson ¼ sec. cor. can be found. Impracticable to build accessories to cor.
49.90	Canyon, 410 ft. below ¼ sec. cor., drains SW.; ascend.
51.70	Spur, 30 ft. above canyon, projects S.; descend abruptly
53.00	Draw, 50 ft. below spur, drains S.; ascend abruptly.
58.30	Spur, 150 ft. above draw, projects S.10°E.; gradually descend.
62.15	Draw, 20 ft. below spur, drains SE. about 10 chs. thence S.; ascend abruptly precipitous E. slope.
67.40	Begin ascent over limestone ledges and outcroppings, bears NE. and SW.
73.93	The cor. of secs. 27 and 28, 660 ft. above draw.
	Land, rough mountainous; general S. exposure and drainage to Mill Creek Canyon.
	Soil, mountain loam streaked with rock of limestone formation; subsoil, dry clay loam and rocky; 1st. and 4th. rates.
	Timber, scattered aspen thickets and a few scattered spruce and pine.
	Undergrowth, dense oak, chaparral, salal, maple, service-berry brush, choke cherry, weeds and grass, 5 to 20 ft. high.
	From the reestablished ¼ sec. cor. bet. secs. 28 and 29 heretofore described.
	North, on a temp. line bet. secs. 28 and 29.
37.00	(Computed distance) Set temp. cor. of secs. 28 and 29, from which I run,
	East, on a random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
80.76	Fall 3 lks. N. of the cor. of secs. 27 and 28.
	Thence from the cor. of secs. 27 and 28.
	West, on a true line along N. bdy. sec. 28.
	Along S. face of mountain over rough, broken ground, through dense undergrowth.

Chains	
3.95	Intersect line 5-6 tract 42 at 1.42 chs. north of AP5, described in book "B" this group.
6.07	Westing of 80.00 chs. from the cor. of secs. 22,23,26, and 27.
	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 21 and 22, with brass cap marked
	T1S | R2E S21 | S22 S28 1927
	Raise a mound of stone, 3 ft.base, 2 ft.high, N.of cor.
14.00	Head of draw, 25 ft. above sec. cor., drains SE.; enter dense aspen timber, bears N. and S.
18.00	Leave aspen timber, bears N. and S.
18.60	High spur, 195 ft. above draw, projects S.; gradually descend over S. and SW. slopes.
23.95	Intersect line 3-4 tract 42 at 1.42 chs. north of AP4, described in book "B" this group.
24.60	Enter dense aspen timber, bears N. and S.
29.30	Leave aspen timber on top of high spur, projecting SW.; descend W. and NW. slopes through dense, tall undergrowth.
3.20	Enter scattered aspens, bears N. and S.
5.30	Leave aspens, bears N. and S.
0.38	On steep NW. slope, 560 ft. below spur at 18.60 chs.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. N. bdy. sec. 28, with brass cap marked
	¼ S28 1926
	from which
	A maple, 4 ins.diam.,bears S.44°E., 23 lks. dist., marked ¼ S 28 B T
	A maple, 4 ins.diam.,bears S.53°W., 8 lks.

Chains	
	dist., marked ¼ S 28 B T
	Continue descent over NW. slope.
46.07	Westing of 40.00 chs. from the cor. of secs. 21 and 22. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor. S. bdy. sec. 21, with brass cap marked ¼ S21 1926 from which A maple, 5 ins.diam.,bears N.4°E., 20 lks. dist., marked ¼ S 21 B T A maple, 6 ins.diam.,bears N.14°45'E., 18 lks. dist., marked ¼ S 21 B T Cor. stands on steep NW. slope, 245 ft. below ¼ sec. cor. N. bdy. sec. 28. No trace of the Hanson ¼ sec. cor. can be found.
48.00	Bottom of Church Canyon, 50 ft. below ¼ sec. cor. S. bdy. sec. 21, drains SW.; thence along general S. slope through very dense undergrowth.
54.10	Low spur, 70 ft. below Church Canyon, projects S.
56.90	Small seep, in bottom of draw, 75 ft. below spur, course S.
57.15	Small spring branch, flows S.; spring heads N., 50 lks. distant.
66.50	Spur, 85 ft. above draw, projects S.; gradually descend.
70.70	Descend abruptly over W. slope.
79.20	Small seep, in draw, 315 ft. below spur, course S.; ascend.
80.76	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 28, and 29, with brass cap marked T1SR2E S21 S29 | S28 1926 from which

Chains	
	A maple, 8 ins. diam., bears S.18½°E., 14 lks. dist., marked T 1 S R 2 E S 28 B T
	A maple, 6 ins. diam., bears S.71½°W., 22 lks. dist., marked T 1 S R 2 E S 29 B T
	No trace of the Hanson cor. of secs. 20,21,28, and 29 can be found.
	Cor. stands on steep S. slope in dense undergrowth.
	Land, rough mountainous; general S. exposure and drainage.
	Soil, mountain loam streaked with rock of limestone formation; subsoil, rich loam; 1st. and 2nd. rates.
	Timber, scattered aspen thickets.
	Undergrowth, dense oak, maple, service berry brush, choke cherry, rose brush, salal, chaparral, willows, birch, weeds and grass.
	From the reestablished ¼ sec. cor. bet. secs. 28 and 29.
	North, on true line bet. secs. 28 and 29.
	Over rugged mountainous land through dense undergrowth.
.75	Limestone spur, 20 ft. above ¼ sec. cor., projects W.; thence across swale draining W.
3.60	High spur, projects W.; descend along steep W. slope.
14.00	Begin abrupt descent over W., slope.
16.97	Angle cor. No. 1 tract 43 subsequently established at this point; see survey tract 43, book "B" this group.
18.00	Enter very dense undergrowth, bears E. and W.
25.70	Bottom of Church Canyon and stream, 3 lks. wide, 2 ins. deep, good water, 600 ft. below spur, course W.; ascend 100 ft. to
28.20	Spur, projects SW. about 4 chs. distant.; gradually descend.
29.30	Small seep of good water, in draw, about level with spur, course SW.; ascend S. slope.
36.97	The cor. of secs. 28 and 29, 255 ft. above canyon.
	Land, rough mountainous; general NW. and S. exposure

INDEPENDENT RESURVEY OF THE SUBDIVISION OF T.1 S., R.2 E.

Chains

and drainage to Church Canyon which drains SW.

Soil, rich mountain loam and rocky of limestone formation, subsoil, moist loam and rock; 1st. and 4th. rates.

No timber.

Undergrowth, dense, tall oak, maple, service berry brush, choke cherry, rose brush, willow, salal, birch, weeds and grass.

From the reestablished ¼ sec. cor. bet. secs. 29 and 30, heretofore described.

North, on temp. line bet. secs. 29 and 30.

40.00 Set temp. cor. of secs. 29 and 30, from which I run

East, on a temp. line bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.15 Fall 13 lks. S. of the cor. of secs. 28 and 29.

Thence from cor. of secs. 28 and 29.

West, on true line along N. bdy. sec. 29.

Along general S. slope of mountain through very dense and tall undergrowth.

4.30 Broad spur, 55 ft. above sec. cor., projects S.; continue along general S. slope.

5.31 Westing of 80.00 chs. from the cor. of secs. 21 and 22.

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 20 and 21, with brass cap marked

T1S	R2E
S20	S21

S29
1927

from which

A maple, 8 ins.diam., bears N.19°E., 71 lks. dist., marked T 1 S R 2 E S 21 B T

An oak, 6 ins.diam., bears N.24½°W., 61 lks. dist., marked T 1 S R 2 E S 20 B T

Chains	
18.00	Draw, 95 ft. below spur, drains S.; gradually ascend.
23.60	Spur, 100 ft. above draw, projects S.; gradually descend.
27.80	Small spring branch in draw, 35 ft. below spur, course S.; spring heads N. about 75 lks. distant. Ascend.
29.40	Spur, 35 ft. above draw, projects S.; descend.
31.70	Draw, 40 ft. below spur, drains S.15°E.; ascend abruptly over E. slope.
37.75	Small spring of good water heads N. about 1.00 chs. distant and flows in an easterly direction for about 50 lks. then sinks.
40.07½	On steep NE. slope at base of a small limestone outcrop. Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for ¼ sec. cor. N. bdy. sec. 29, with brass cap marked ¼ S29 1926 Raise a mound of stone, 2 ft.base, 1½ ft.high, S.of cor. No trace of the Hanson ¼ sec. cor. can be found.
45.31	Westing of 40.00 chs. from the cor. of secs. 20 and 21. Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for ¼ sec. cor. S. bdy. sec. 20, with brass cap marked ¼ S20 1926 Raise a mound of stone, 2 ft.base, 1½ ft.high, N.of cor. Cor. stands on top of spur, 390 ft. above draw, projects SE.; limestone outcroppings extend NW. and SE. on spur.
47.50	Limestone ledge, 30 ft. high, bears NW. and SE. about 5 chs. distant. Descend.
50.90	Draw, drains S.20°E.; ascend abruptly.
55.50	Spur, 125 ft. above draw, projects SE. about 15 chs.

Chains	
	distant; thence along S. slope.
57.50	Draw, drains SE.; ascend E. slope.
63.00	Top of ridge and divide bet. Parley's and Mill Creek Canyon, 220 ft. above draw, bears NE. and SW.; thence along steep N. slope.
69.70	Begin abrupt descent over NW. and W. slopes.
77.00	Enter scrub aspen timber, bears N. and S.
80.15	On steep N. slope in very dense and tall undergrowth, 465 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 29 and 30, with brass cap marked

T1SR2E
S20
S30 | S29
1926

from which

A pine, 8 ins.diam.,bears S.53°E., 70 lks. dist.,marked T 1 S R 2 E S 29 B T

No other bearing trees are available and other accessories are impracticable.

From this cor. the Hanson cor. of secs. 19,20,29, and 30, which is a sandstone, 8x12x5 ins. above ground, firmly set, marked with 5 notches on E. and 2 notches on S. edge; from which

A pine, 32 ins.diam.,bears S.9°W., 195 lks. dist.,marked T 1 S R 2 E S 30 B T

An aspen, 4 ins.diam.,bears N.15¼°E., 14 lks. dist.,marked T 1 S R 2 E S 20 B T

An aspen, 4 ins.diam., bears S.60°E., 13 lks. dist., marked T 1 S R 2 E S 29 B T

bears S.14°53'E., 4.40 chs. distant. I destroy cor. and deface bearing trees.

Land, rough mountainous; general S. exposure and drainage on E. 63.00 chs., and N. exposure and drainage on

Chains

remainder of mile.

Soil, mountain loam streaked with rock of limestone formation; subsoil, moist loam ; 1st and 2nd. rates.

Timber, scattered aspen thickets on W. portion of mile.

Undergrowth, dense tall oak, maple, choke cherry, service-berry brush, salal, chaparral, weeds and grass.

From the reestablished ¼ sec. cor. bet. secs. 29 and 30.

North, on true line bet. secs. 29 and 30.

Over rough mountainous land through dense tall undergrowth and mahogany timber. Ascend abruptly over S. slope.

4.75 High rocky spur, 200 ft. above ¼ sec. cor., projects SE.; ascend along E. slope across head of draw draining SE., thence ascend abruptly over S. slope.

20.35 Top of divide and ridge, separates Mill Creek and Farley's Canyon, 375 ft. above spur, bears E. and W. Peak on ridge and one of the highest points of elevation in the township, bears W. about 8 chs. distant; from this peak spurs project SW., W., and NW. into Salt Lake Valley. Leave mahogany timber bears E. and W.; descend precipitous N. slope through dense, tall undergrowth and scattered pine timber.

40.13 The cor. of secs. 29 and 30, 845 ft. below divide.

Land, rough mountainous; general N. and S. exposure and drainage from ridge divide.

Soil, mountain loam and rocky of sandstone and limestone formation; subsoil, moist, loam and rock; 2nd. and 4th. rates.

Timber, mahogany on S. slopes S. of divide and scattered pine N. of divide.

Undergrowth, very dense oak, maple, choke cherry, mountain ash, service berry brush, buck brush, rose brush, weeds and grass.

Chains

Knowing from previous retracements that the bearing of line connecting the cor. of secs. 29 and 30 and the reestablished cor. of secs. 24 and 25, on the E. bdy. of T.1 S., R.1 E. will deviate more than 21' from the cardinal, I run from the cor. of secs. 29 and 30, West, on true line along N. bdy. sec. 30.

Along N. slope over rugged mountainous land through very dense and tall undergrowth.

1.40 Draw, 50 ft. below cor., drains N.25°E. about 15 chs., thence N.; ascend abruptly over E. slope.

4.30 Spur, 115 ft. above draw, projects N.30°E. about 15 chs. distant; thence along steep N. slope.

5.16 Westing of 80.00 chs. from the cor. of secs. 20 and 21. Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 19 and 20, with brass cap marked

T1S S19	R2E S20

S30
1927

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

6.45 Swale, drains N.50°E.; continue along N. slope.

16.10 Draw, 130 ft. above spur, drains N.50°E.; ascend abruptly over E. slope.

21.00 High spur, 125 ft. above draw, projects N.20°E.; thence along N. slope across head of canyon draining NW., through dense undergrowth and scattered aspen timber.

29.00 Leave timber and heavy undergrowth, thence through short oak and sagebrush.

33.00 High ridge spur, projects NW.; begin descent over W. slope entering dense oak brush.

40.00 On steep W. slope in dense short oak brush, 325 ft. below spur at 21.00 chs.

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a large

Chains	
	mound of stone for ¼ sec. cor. N. bdy. sec. 30, with brass cap marked ¼ S30 1927
	Impracticable to build accessories to cor.
	No trace of the Hanson ¼ sec. cor. can be found.
	Continue descent over W. slope.
15.16	Westing of 40.00 chs. from the cor. of secs. 19 and 20.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor. S. bdy. sec. 19, with brass cap marked ¼ S19. 1927
	Raise a mound of stone, 2 ft.base, 1½ ft.high, N.of cor.
	From a point 52 lks. North of the ¼ sec. cor. S. bdy. sec. 19, the dome on Utah State Capitol Building, bears N.53° 58'W.; large stack at smelter at Murray, Utah, bears S.60°16'W.; large stack at Midvale, Utah, bears S.49°28'W. The above azimuth determinations were accomplished by observations on Polaris at 1h.35m. p.m.l.m.t., on Oct. 5, 1927.
	Continue abrupt descent over steep slope of mountain facing W. to Salt Lake Valley.
0.30	Ravine, 700 ft. below ¼ sec. cor. N. bdy. sec. 30, drains NW. about 15 chs., thence W.; ascend and descend along steep N. slope.
0.85	Intersect W. bdy. of the Tp., 1.54 chs. S.0°24'E. of the reestablished cor. of secs. 24 and 25, T.1 S.,R.1 E., heretofore described. At point of intersection,
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for closing cor. of secs. 19 and 30, with brass cap marked

Chains	
	T1S | T1S R1E | S19 S25 | ——— SC | S30 | R2E 1927
	Raise a mound of stone, 2 ft.base, 1½ ft.high, E.of cor.
	Cor. stands on steep N. slope, 400 ft. below ravine.
	Land, rough mountainous; general N. and NW. exposure and drainage.
	Soil, mountain loam and rocky of sandstone formation; subsoil, hard, dry, brown clay loam and rock; 2nd. and 4th. rates.
	Timber, scattered aspen thickets and pine on eastern portion of mile.
	Undergrowth, dense oak, service berry brush, maple, willow, chaparral, salal, choke cherry, weeds and grass.
	From the cor. of secs. 21 and 22.
	N.0°09'W., on a random line bet. secs. 21 and 22.
40.00	Set temp. ¼ sec. cor.
77.26	Intersect E. and W. line 14 lks. W. of the cor. of secs. 15,16,21, and 22 heretofore described.
	Thence
	S.0°03'E., on true line bet. secs. 21 and 22.
	Descend SE. slope over rough mountainous land through very dense undergrowth, 5 to 20 ft. high, and scattered spruce and aspen timber.
3.90	Small draw, 115 ft. below sec. cor., drains SE.; ascend.
7.00	Spur, 65 ft. above draw, projects and descends rapidly to the E.; descend.
16.15	Bottom of canyon and stream, 3 lks. wide, 2 ins. deep, good water, 100 ft. below spur, course NE.; very dense undergrowth in canyon. Enter medium growth of spruce timber and begin ascent over precipitous N. slope.
20.00	E. 50 lks. distant is the W. end of a prominent limestone

Chains	
	ledge or outcropping bearing NE. and SW.
24.53	Intersect line 2-3 tract 42 at 2.28 chs. N.89°50'W. of AP2 tract 42 identical with AP3 tract 38 described in book "B" this group.
33.50	Spur and leave timber, 660 ft. above canyon, projects NE.; thence along steep E. slope.
36.30	Enter aspen timber, bears E. and W.
37.26	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for ¼ sec. cor., with brass cap marked

¼

S21 | S22

1927

from which

An aspen, 6 ins.diam.,bears S.81½°E., 19 lks. dist., marked ¼ S 22 B T

An aspen, 5 ins.diam., bears N.43½°W., 7 lks. dist., marked ¼ S 21 B T

No trace of the Hanson ¼ sec. cor. can be found.
From this cor., AP6 tract 42, described in book "B" this group, bears S.22°50'E., 5.77 chs. distant.

42.60	Draw, 65 ft. above spur, drains NE.; ascend steep N. slope of mountain entering large aspen timber.
52.00	Leave dense large aspen timber, bears NE. and SW.
56.00	Reenter timber, bears NW. and SE.
67.90	Leave timber, bears E. and W.
69.20	Top of high ridge and divide bet. Mill Creek and Smith Fork Canyons, 800 ft. above draw, bears N.60°E., W. about 8 chs. distant, thence NW., also, from a point about 8 chs. W., high spurs projects S. and SW.; the head of draws draining N. and S. from divide, bears W. about 4 chs. distant. Descend abruptly over S. slope through dense short undergrowth.
72.20	Reenter dense, tall undergrowth, bears E. and W.
77.26	The cor. of secs. 21 and 22.

Land, rough, rugged mountains; general N. and S. exposure

Chains	
	and drainage from divide at 69.20 chs.
	Soil, rich mountain loam streaked with rock of limestone formation; subsoil, moist loam and rock; 1st and 2nd. rates.
	Timber, aspen and spruce north of divide at 69.20 chs.
	Undergrowth, dense, tall, oak, service berry brush, chaparral, salal, choke cherry, weeds and grass.
	Knowing from previous retracements that the bearing of a line connecting the cor. of secs. 20 and 21 and the reestablished cor. of secs. 16 and 17 will deviate more than 21' from a cardinal, I run from the cor. of secs. 20 and 21,
	N.0°03'W., on true line bet. secs. 20 and 21.
	Ascend abruptly S. face of mountain over rough, rugged mountainous land through very dense and tall undergrowth.
10.00	Leave tall undergrowth, bears E. and W.
16.45	Top of ridge and divide bet. Mill Creek and Parley's Canyon, 675 ft. above sec. cor., bears E. and W.; enter scattered timber and dense undergrowth, bears E. and W.; descend abruptly over N. slope.
27.10	Head of canyon, 450 ft. below divide, drains NW.; leave timber, bears NE. and W.; thence along rugged general W. slope.
32.15	Leave dense undergrowth, bears NW. and SE.
33.82	Intersect line 4-5 tract 39, 33.83 chs. East of AP4 described in book "B" this group.
40.00	On steep W. slope among quartz outcroppings. Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for ¼ sec. cor., with brass cap marked

Chains	
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor. No trace of the Hanson ¼ sec. cor. can be found.
40.83	Sandstone ledge and outcropping on small rocky point, bears E. and W.
51.00	Top of sandstone ledge, 50 ft. high, bears E. and W.
54.15	High rocky spur, projects NW.; from this point old mine or quarry workings bear N.25°E.; an abandoned house at mine, bears N.18°E. Descend precipitous NE. and N. slopes broken by quartz outcroppings.
74.00	Enter dense, tall undergrowth, bears E. and W.
79.35	Ravine, 875 ft. below spur, drains NW.; ascend SW. slope 45 ft. to
81.83	Intersect S. bdy. sec. 17, 2.15 chs. N.89°59'W. of the reestablished cor. of secs. 16 and 17. At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for closing cor. of secs. 20 and 21, with brass cap marked

T1S R2E
S17

S20 | S21

CC
1927

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

From this cor., abandoned house at mine, bears S.76°30'E., old mine and quarry workings, bears S.23°E.

Land, rough, rugged mountains; general N. and S. exposure and drainage from divide at 16.45 chs.

Soil, shallow mountain loam and rocky of quartz and sandstone formation; 2nd. and 4th. rates.

Timber, scattered spruce on S. central portion of mile.

Undergrowth, oak, maple, service berry brush, mahogany, choke cherry, chaparral, salal, weeds and grass.

Knowing from previous retracements that the bearing of

Chains

a line connecting the cor. of secs. 19 and 20 and the reestablished cor. of secs. 17 and 18 will devi more than 21' from the cardinal course, I run from the cor. of secs. 19 and 20,

N.0° 03'W., on true line bet. secs. 19 and 20.

Descend N. slope over rough mountainous land through dense undergrowth.

6.85 Enter scattered aspen timber and very dense, tall undergrowth, bears E. and W.

18.50 Draw, 580 ft. below sec. cor., drains NE. about 15 chs. to junction with draw from the S.; leave aspen timber, bears NE. and SW. Gradually ascend.

23.55 Spur, 40 ft. above draw, projects NE.; descend abruptly over N. slope.

32.85 Bottom of Pharaoh's Glen Canyon, and stream, 2 lks. wide, 2 ins. deep, good water, 400 ft. below spur, course N.80°W.; ascend abruptly over S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for ¼ sec. cor., with brass cap marked

¼

S19 | S20

1927

Accessories at cor. not available.

No trace of the Hanson ¼ sec. cor. can be found.

Cor. stands on top of ascent from canyon and on W. slope, 285 ft. above the canyon.

Thence along W. slope.

43.90 Begin descent over N. slope, bears N.80°W. and SE.

51.00 Draw, 240 ft. below ¼ sec. cor., drains W.; ascend abruptly over S. slope.

58.80 Leave dense undergrowth, enter scattering undergrowth and juniper timber, bears E. and W.

63.50 High, rocky spur, 470 ft. above draw, projects W. about 2 chs., thence NW. and SW.; gradually descend.

Chains	
65.00	Enter scattered pine and mahogany timber, bears E. and W.
66.45	Leave pine timber, enter dense undergrowth and begin steep descent over N. slope, bears E. and W.
68.30	Leave dense undergrowth, bears E. and W.
70.05	Top of sandstone ledge, 20 ft.high, bears E. and W.
75.40	Leave timber, bears E. and W.
75.60	Set point for future reference on top of quartz ledge, bears E. and W.; begin precipitous descent over ledges.
78.00	Top of high quartz ledge, bears E. and W.; point for the closing cor. of secs. 19 and 20 will fall on ledges to the N. where cor. cannot be set or cor. point reached; therefore at this point,
	On surface rock, mark a cross (X) over which,
	Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in a large mound of stone for witness cor. to the closing cor. of secs. 19 and 20, with brass cap marked

T1S R2E
S18
WC
S19 | S20
CC
1927

To determine the distance to the S. bdy. of sec. 18 and the true point for the closing cor. of secs. 19 and 20, I return to my point at 75.60 chs. heretofore described and proceed as follows:

East, 5.48 chs., then

N.0°03'W., 6.21 chs., then

West., 1.34 chs. to

81.81	The reestablished cor. of secs. 17 and 18 and point 4.14 chs. N.89°53'E. for the true point for the closing cor. of secs. 19 and 20. I am unable to reach the true point for the closing cor. as same falls on inaccessible N. face of ledges.
	Land, rough, rugged mountains; general N. exposure and

drainage to Parley's Canyon; N. portion of mile extremely rough.

Soil, mountain loam and rocky of sandstone and quartz formation; 2nd. and 4th. rates.

Timber, scattered aspen thickets, scattered juniper, mahogany and spruce.

Undergrowth, oak, maple, service berry brush, sagebrush choke cherry, mountain ash, chaparral, salal, weeds, and grass.

BOUNDARIES OF T. 1 S., R. 2 E.

Latitudes, departures and closing errors.

Lines designated	True bearing	Distances	Latitudes N chs	Latitudes S chs	Departures E chs	Departures W chs
W.bdy.T1SR2E	N.0°49'W.	41.22	41.22	.....	.....	.59
"	N.0°24'W.	200.22½	200.22	.....	.....	1.40
S.bdy.sec.18	S.89°51'E	41.22	.....	.11	41.22	.....
"	N.89°53'E	38.95	.08	.....	38.95	.....
S.bdy.sec.17	S.89°59'E	77.90	.....	.02	77.90	.....
S.bdy.sec.16	S.86°30'E	78.05	.....	4.76	77.90	.....
S.bdy.sec.15	N.89°39'E	80.02	.49	.....	80.02	.....
S.bdy.sec.14	S.89°46'E	80.02	.....	.33	80.02	.....
S.bdy.sec.13	N.89°59'E	80.02	.02	.....	80.02	.....
E.bdy.T1SR2E	S.0°03'E	28.36	.....	28.36	02	1
"	S.0°01'W	40.70	.....	40.70	.....	.01
"	S.0°02'W	40.65	.....	40.65	.....	.02
"	S.0°03'W	40.41	.....	40.41	.....	.04
"	South	40.82	.....	40.82	.....	.....
"	S.0°05'E	41.25	.....	41.25	.06	.....
"	South	4.76	.....	4.76	.....	.....
S.bdy.T1SR2E	West	435.25	.....	.....	.....	435.25
"	N.89°42'W	38.70	.20	.....	.....	38.70
Convergency			.....	.....	.31	.....
		Totals	242.23	242.19	476.42	476.01

242.19

Error in latitude = .04

476.01

Error in departure = .41

GENERAL DESCRIPTION

T. 1 S., R. 2 E., a part of the Wasatch National Forest is situated on the breaks of the Wasatch Mountains immediately east of Salt Lake Valley, and is extremely rough and rugged in its entirety, the elevation ranging from 4500 to 7500 ft. above sea level. The general exposure is to the west and north, however, Mill Creek and Parley's Canyons together with their tributaries extend through the township in a westerly direction. These canyons range from 1000 to 3000 ft. in depth and are separated by high, prominent ridges and spurs whose slopes average more than 30°, and which are covered with a rank and exceptionally dense growth of oak, maple, choke cherry, mountain ash, chaparral, salal, service berry brush, willow, birch, rose brush, weeds and grass ranging from 10 to 30 ft. in height. This exceptional dense growth of brush is due to the fact that all the lands are situated on the Salt Lake City water shed, and the grazing of sheep, cattle, or stock of any kind is prohibited.

The soil in the canyon bottoms is generally a rich mountain loam, 1st. rate, while on the slopes it contains considerable rock of sandstone, limestone and quartz formation. In numerous places, especially on the north slopes in Parley's Canyon, large areas are covered with quartz outcroppings.

In addition to the heavy and dense growth of brush already noted, considerable aspen timber is found in the southern and eastern portions of the township, together with a fair growth of spruce, balsam fir and pine of good quality which appears chiefly on the sheltered north slopes and in the canyon bottoms. This timber is of good commercial value.

Mill Creek, Parley's Creek, Lamb's Creek, and Porter Creek, together with their tributaries and other springs

scattered throughout the township comprise the water supply in the township. The major portion of this water is controlled by the City of Salt Lake, Utah, and used as part of the water supply for the city. Water from Mill Creek and Porter Canyons is diverted from their channels in secs. 26 and 27 respectively, and carried in a pipe line through secs. 26,27,28,29, 30, and 31 to sec. 36, T.1 S.,R.1 E. where it is used by the Utah Power and Light Company to generate electricity.

The Salt Lake Chapter, Boy Scouts of America, own a wigwam in sec. 32, which, together with other improvements adjacent thereto is valued at approximately $12,500. They also own a small cabin in the NE¼SE¼ sec. 29. Schools for Scout training are held at the wigwam during the summer months, and the environments are ideal for the health and recreation for those who attend.

Mount Air, a summer resort owned by individuals, is situated on privately owned land in the SW¼ sec. 15, and the NW¼ sec. 22. This resort consists of about 45 cottages, some of which are elaborately constructed. Mr. L. F. Rains has constructed a lodge for his private use on the SW¼SE¼ sec. 28, the value of which is approximately $ 25000.00

The U. S. Forest Service has marked out and has leased summer home sites to individuals along Poter Canyon in sec.27 and 34. Other portions of this township are also ideal for summer outings which have been made accessible by the recent construction of improved highways.

Prospecting for ore was at one time in progress in the NW¼ sec. 21 as indicated by remains of old mine or quarry workings. The Utah-Portland Cement Company

GENERAL DESCRIPTION

is now operating 2 rock crushers at their quarry's in sec. 18 ; buildings and other improvements of this company extend into sec. 19.

I did not note any surface indications of mineral in the township.

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

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Page

BOOK A-491

4—680
(August, 1928)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Walter Byergo	1st. chainman
Kirkwood Clark	2nd. chainman
Lynn Larson	2nd. chainman and axman
Leonard D. Sayer	2nd. chainman
Wilford Jensen	Axman
Howard Hutchings	Axman
George Smith	Cornerman
Milton Dorius	Flagman
Claude L. Silver	Flagman

6—2764

CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ Cadastral Engineer

I, Howard W. Miller, U. S. ~~Surveyor~~ Cadastral Engineer hereby certify upon honor that, in pursu of special supplemental instructions received from the District Cadastral Engineer for Utah bearing date of the 27th day of February, 1926 I have well, faithfully, and t in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instr tions, and the laws of the United States, ~~xxxxxxx~~ resurveyed all those parts or portions of the east, south and west boundaries and subdivision of T.1 S., R.2 E. of the Salt Lake Bas and 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 corners 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.

Certified to at:
Salt Lake City, Utah, Jan. 28, 1928.

Howard W. Miller
U.S. Cadastral Engineer ~~xxxxxxxx~~

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

DENVER, COLORADO JAN 12 1931, 19

The foregoing field notes of the survey of the east, south and west boundaries and subdivision of T.1 S, R.2 E. Salt Lake Base and Meridian, Utah.

executed by Howard W. Miller, U.S. Cadastral Engineer

under his special instructions dated February 27th, 1926, having bee critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Frank H. 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 Surve~~

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ORIGINAL

RECEIVED
JAN 2 8 1928
Department of the Interior
Public [illegible]
Salt Lake [illegible]

BOOK A-491 Book "B"

FIELD NOTES

OF THE SURVEY OF THE

METES-AND-BOUNDS SURVEY OF PRIVATE CLAIMS AS

ORIGINALLY LOCATED IN ACCORDANCE WITH

THE SURVEYS EXECUTED BY A.P.HANSON

U.S.DEPUTY SURVEYOR IN 1902:

ALL IN

T. 1 S., R. 2 E.

Of the Salt Lake Base and *Meridian,*

the State of Utah

EXECUTED BY

Howard W. Miller, U.S.Cadastral Engineer

[redacted] *under instructions dated* February 27, 1926,

ed by the United States Surveyor General to govern surveys included in

up No. 160, Utah, *which were approved by the Commissioner of the General Land*

e, April 5, 1926 [redacted]

[redacted] Supplemental Assignment Instructions dated

31, 1926 and August 5, 1927

Survey commenced September 20, 1927 [redacted]

Survey completed October 17, 1927, [redacted]

[redacted]

BUR A-491

INDEX DIAGRAM.

Township ....., *Range* .....

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

Index to Tract Surveys.

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Tract 39, page 9
Tract 40, page 12
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Tract 43, page 24

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METES AND BOUNDS SURVEY OF PRIVATE CLAIMS, T.1 S.,R.2 E.

DATE REPORT OF TRACT SURVEYS

Tract 37, commenced Sept.20,1927, completed Sept.21,1927.

Tract 38, commenced Sept.20,1927, completed Sept.26,1927.

Tract 39, commenced Oct. 10,1927, completed Oct. 11,1927.

Tract 40, commenced Oct, 17,1927, completed Oct. 17,1927.

Tract 41, commenced Sept.24,1927, completed Oct. 20,1927.

Tract 42, commenced Sept.26,1927, completed Sept.27,1927.

Tract 43, commenced Oct. 12,1927, completed Oct. 13,1927.

INDEX TO SEGREGATED AND CONFORMED TRACTS

Description by resurvey	Description by original entry							
Tract Nos.	T.	R.	Sec	Subdivision	Entry Kind	Entry No.	Status	Entryman
Tract 37	1S	2E	22	Lot 1; S½NE¼; NE¼SE¼	H.E.	16014	Patented	Parker B.Pratt
Tract 38	1S	2E	22	Lots 2,3 & 4	H.E.	16011	Patented	Alvaro A.Pratt
Tract 39	1S	2E	20 21	Lots 1,2,7,8, 9 and 10 Lots 3,4,5,6, 11 and 12	M.E.	3882	Patented	P.C.Lime & Stone Co.
Tract 40	1S	2E	19	Lots 2 & 6	D.E.	4484	Patented	Joseph Milliron
Tract 41	1S	2E	19	Lots 4,14,15, 16, 17 and 18	M.E.	3788	Patented	L.M.Bailey & S.B.Young
Tract 42	1S	2E	21 22	SE¼NE¼; E½SE¼ SW¼NW¼	H.E.	16017	Patented	Olive A.Pratt
Tract 43	1S	2E	29	Lots 1 & 2	M.E.	3650	Patented	New Hampshire & Florida Placers

Survey commenced Sept. 20, 1927 and executed with Buff and Buff transit No.16726; for description of instrument see book "A" this group.

The survey of the private claims included in this book of field notes were executed in conjunction with the resurvey of T.1 S.,R.2 E.; therefore, for test of instrument see book "A" this group.

All azimuth determinations are accomplished with the solar attachment, and the solar apparatus kept in good adjustment during the progress of the survey. Observations were made on Polaris on line in the field on each clear day and the solar meridians compared with those determined by observations on Polaris. No record of the Polaris observations taken on line in the field appears in these notes.

MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes, 5 and 8 chs. in length, compared with a Lufkin standard steel tape 1 ch. long and found correct. The measurements are made on the slope and each measurement duplicated; the vertical angles were determined by use of K.&E. improved model clinometer , and the slope measurements properly reduced to true horizontal distances

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METES-AND-BOUNDS SURVEY OF PRIVATE CLAIMS AS ORIGINALLY LOCATED IN ACCORDANCE WITH THE SURVEYS EXECUTED BY A. P. HANSON, U. S. DEPUTY SURVEYOR IN 1902.

TRACT 37

Lot 1, S½NE¼, and NE¼SE¼ sec.22, H.E. 16014, Parker B. Pratt entryman. Patented.

Chains

This tract is surveyed to conform to the restored position of the subdivisional lines of the Hanson survey of sec. 22. Communication with the claimant could not be established. No evidence of the Hanson surveys on the N. bdy. of sec. 22 can be found and his reported closings upon the former surveys in this vicinity are noteriously fictitious. Indications are that land owners have used the Ferron cor. of secs. 15,16,21, and 22 to locate their claims and ran in cardinal directions therefrom. Therefore, the N. bdy. of the Hanson survey of sec. 22 is terminated on the reestablished S. bdy. of secs. 14 and 15.

At a point on the reestablished S. bdy. of sec. 14, north of the Hanson ¼ sec. cor. bet. secs. 22 and 23, described in book "A" this group.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP1 tract 37, with brass cap marked

T1SR2E
S14
AP1 TR37 | S23
1927

from which

An aspen, 6 ins.diam., bears S.41°E., 22 lks. dist., marked S23 BT

An aspen, 8 ins.diam., bears S.53°W., 15 lks. dist., marked AP1 TR37 BT

Thence

N.89°46'W., along line 1-2 tract 37.

2.34 The reestablished cor. of secs. 14,15,22, and 23 described in Book "A" this group which I mark also for AP2 tract 37 as follows:

T1S | R2E
S15 | S14
S22 | S23
AP2
TR37
1927

Chains	
	Thence
	S.89°39'W., along line 2-3 tract 37 identical with line bet. secs. 15 and 22.
17.66	Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 24 ins. in a large mound of stone for AP3 tract 37 and AP1 tract 38, with brass cap marked

T1S R2E
S15

AP1	AP3
TR38	TR37

1927

	Thence
	South, on line 3-4 tract 37, identical with line 4-1 tract 38.
	Descend abruptly S. slope over rough mountainous land.
7.40	Small stream of good water, in canyon, 280 ft. below AP 3, course W.; an abandoned frame building known as "ARM CHAIR", bears E. about 4 chs. distant. Ascend.
16.00	Spur, 175 ft. above canyon, projects W.; descend.
22.80	Point for NE. 1/16 sec. cor. sec. 22.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for AP4 tract 37 and AP4 tract 38, with brass cap marked

T1S	R2E
AP4	
TR38	TR37
	AP4

1927

	from which
	An aspen, 8 ins. diam., bears S.31°E., 7 lks. dist., marked AP4 TR37 BT
	An aspen, 6 ins. diam., bears N.30°W., 15 lks. dist., marked AP4 TR38 BT
	Cor. stands on steep W. slope in dense undergrowth and scattered aspen timber.

Chains	
	Thence
	S.87°54'W., along line 4-5 tract 37 identical with line 3-4 tract 38.
	Descend W. slope over mountainous land through dense timber and undergrowth.
1.60	Stream, 3 lks. wide, 2 ins. deep, good water, in bottom of Smith Fork Canyon, course NW.; ascend NE. slope through dense timber and undergrowth.
16.40	Spur, 200 ft. above canyon, projects N.; descend.
20.01	Point for center N. 1/16 sec. cor., sec. 22
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP5 tract 37, with brass cap marked

T1S . R2E
TR38
AP5
S22 TR37
1927

	Raise a mound of stone, 2 ft. base, 1½ ft.high, E.of cor.
	Thence
	South, along line 5-6 tract 37
	Along W. slope over rough mountainous land.
3.20	Steep draw, drains N.10°W.; ascend N. and NE. slopes.
14.90	Same draw, drains NE.
17.84	Point for center ¼ sec. cor., sec. 22.
	Set an iron post, 3 ft. long, 1 in. in dia.,26 ins.in the ground for AP6 tract 37, with brass cap marked

T1SR2E
TR37
S22 AP6
1927

	Raise a mound of stone, 2 ft.base,1½ ft. high, NE. of cor.
	Cor. stands on steep N. slope 535 ft. above AP5.
	Thence
	N.87°36'E., along line 6-7 tract 37
	Along general N. slope over rough mountainous land.
3.00	Spur, projects N.40°E.; descend.

Chains	
8.00	Draw, 200 ft. below spur, drains NE.; ascend 35 ft.
12.50	Spur, projects NE.; descend general E. slope 140 ft. to
20.02	Point for center E. 1/16 sec. cor. sec. 22.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins.
	in the ground for AP7 tract 37, with brass cap marked
	T1S R2E AP7 TR37 S22 1927
	Thence
	South, along line 7-8 tract 37.
	Along NE. and E. slopes over rough mountainous land.
19.30	Point for SE. 1/16 sec. cor., sec. 22
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins.
	in the ground for AP8 tract 37, with brass cap marked
	T1S R2E TR37 AP8 S22 1927
	from which
	An aspen, 10 ins. diam., bears N.86½°E., 93 lks.
	dist., marked AP8 TR37 BT
	Cor. stands on steep NE. slope.
	Thence
	N.88°48'E., along line 8-9 tract 37
	Over rough mountainous land through dense undergrowth
	and scattered timber.
7.25	Draw, 180 ft. below cor., drains NE.; ascend.
10.50	Spur, 65 ft. above draw, projects NE. about 8 chs. dist.;
	descend.
11.60	Small seep, in draw, course N.; ascend.
17.84	Intersect line bet. secs. 22 and 23 of the independent
	resurvey of T.1 S., R.2 E., 18.27 chs. N.0°09'W. of
	the cor. of secs. 22,23,26, and 27.
20.01	Point for S. 1/16 sec. cor. on the Hanson survey of the

Chains	
	W. line bet. secs. 22 and 23.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for AP9 tract 37, with brass cap marked
	T1S R2E TR37 AP9 S23 1927
	from which
	An aspen, 8 ins. diam., bears N.33°W., 12 lks. dist., marked AP9 TR37 BT
	Cor. stands on N. slope in dense aspen timber.
	Thence
	North, along line 9-1 tract 37.
	Over rough mountainous land through dense undergrowth and scattered aspen thickets.
11.50	Smith Fork Canyon, 365 ft. below cor., drains NW.
19.72½	The Hanson ¼ sec. cor. bet. secs. 22 and 23 heretofore described in book "A" this group.
	Alongside this cor.,
	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone, with brass cap marked
	TR37 1927
59.495	To AP.1 tract 37 and place of beginning.

TRACT 38

Lots 2, 3, and 4, sec. 22. H.E. 16011, Alvaro A. Pratt, entryman. Patented.

This tract is surveyed to conform to the restored position of the subdivisional lines of the Hanson survey of sec. 22 as outlined for the survey of tract 37. Communication with the entryman or claimant could not be established.

Chains

From AP.1 tract 38; identical with AP3 tract 37 hereto-
fore described.

S.89°38'W., along line 1-2 tract 38, identical with the
line bet. secs. 15 and 22.

22.35 The reestablished ¼ sec. cor. bet. secs. 15 and 22,
described in book "A" this group.

60.00 Westing of 80.00 chs. from the point for the Hanson NE.
cor. of sec. 22.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins.
in the ground for AP2 tract 38, with brass cap marked

T1S R2E
S15
AP2
S22 TR38
1927

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

Thence

South, along line 2-3- tract 38.

Over rough mountainous land through dense undergrowth
and scattered to medium growth of timber.

24.53 Point for N. 1/16 sec. cor. W. bdy. sec. 22, Hanson
survey.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins.
in the ground for AP3 tract 38 and AP2 tract 42, with
brass cap marked

T1S R2E
S22 TR38
AP3
AP2
TR42
1927

from which

A balsam, 8 ins. diam., bears N.49°E., 29 lks.
dist., marked AP3 TR38 BT

A pine, 12 ins. diam., bears S.72°E., 52 lks.
dist., marked AP2 TR42 BT

Cor. stands on steep N. slope in dense timber and under-

Chains	
	growth.
	Thence
	N.87°54'E., along line 3-4 tract 38.
	Over rough mountainous land through dense undergrowth and scattered timber.
1.20	Spur, projects NE.; descend.
4.40	Small seep, in canyon, drains NE.; gradually ascend.
7.60	Spur, projects N. about 2 chs. distant; descend.
15.70	Small stream of good water, in draw, 60 ft. below spur, course N.; ascend.
20.01	AP1 tract 42 subsequently established at this point; see survey of tract 42.
31.80	Spur, 300 ft. above draw, projects N.; descend abruptly.
39.60	Draw, 260 ft. below spur, drains N.; ascend.
40.02	Intersect AP5 tract 37 heretofore described.
60.03	Intersect AP4 tract 38, identical with AP4 tract 37 heretofore described.
	Thence
	North, along line 4-1 tract 38 identical with line 3-4 tract 37.
22.80	To AP1 tract 38 identical with AP3 tract 37 heretofore described and place of beginning.

TRACT 39

Lots 3,4,5,6,11, and 12,sec. 21, and lots 1,2,7,8,9, and 10, sec. 20, M.E. 3882, P.C.Lime and Stone Co., entrymen. Patented.

This tract is surveyed to conform to the Hanson survey of secs. 20 and 21, located with reference to the Hanson cor. of secs. 19,20,29, and 30 and the re-established south boundary of secs. 16 and 17.

Communication with the claimants could not be established.

At a point on line bet. secs. 16 and 21, 5.09½chs. S.86°

METES-AND-BOUNDS SURVEY OF PRIVATE CLAIMS

Chains	
	30'E. of the reestablished ¼ sec. cor. E. bdy. sec.16
	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of st for AP1 tract 39, with brass cap marked

T1S R2E
S16
AP1
TR39 | S21
1927

Chains	
	Thence
	N.86°30'W., along line 1-2 tract 39, identical with line bet. secs. 16 and 21.
5.09½	The reestablished ¼ sec. cor. S. bdy. sec. 16, described in book "A" this group.
6.17	The ¼ sec. cor. N. bdy. sec. 21, described in book "A". this group.
44.12	The reestablished cor. of secs. 16 and 17, T.1 S.,R.2 E. described in book "A" this group which I remark also for AP2 tract 39 as follows:

T1S | R2E
S17 | S16
S21
TR39
AP2
1927

Chains	
	Thence
	N.89°59'W., along line 2-3 tract 39
2.15	The closing cor. of secs. 20 and 21 of the independent resurvey of T.1 S.,R.2 E. described in book "A" this group.
35.97	Point for AP3 tract 39 falls on face of a quartz ledge facing E. where cor. cannot be set, therefore, at a point 7 lks. N.89°59'W., or at
36.04	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone in the crevice of a rock for witness cor. to AP3 tract 39, with brass cap marked

T1S R2E
S17
S20 | AP3 WC
TR39
1927

Chains	
	Cor. stands on top of quartz ledge 20 ft. high.
	Thence from true point for AP3 tract 39
	South, along line 3-4 tract 39
	Ascend and descend over rough mountainous land along general E. slope of high ridge spur.
8.20	Spur, 150 ft. above cor., projects E.; descend
10.50	Draw, drains N.80°E.; ascend.
15.50	Spur, 160 ft. above draw, projects E.; descend.
18.50	Draw, 25 ft. below spur, drains E.; ascend.
23.20	Spur, 180 ft. above draw, projects E.; descend.
27.30	Draw, 90 ft. below spur, drains E.; ascend.
48.06	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP4 tract 39, with brass cap marked

T1S | R2E
TR39
S20 | AP4

1927

	Raise a mound of stone, 2 ft.base, 1½ ft.high, NE.of cor.
	Cor. stands on steep NE. slope, 450 ft. above draw.
	Thence
	East, along line 4-5 tract 39.
	Descend over rough mountainous land through dense undergrowth.
8.50	Draw, 250 ft. below cor., drains NE.; ascend.
11.35	Spur, 105 ft. above draw, projects NE.; descend abruptly.
19.90	Draw, 365 ft. below spur, drains NE.; ascend.
24.90	Spur, 115 ft. above draw, projects NE.; descend.
29.70	Canyon, drains N.; ascend.
33.83	Intersect line bet. secs. 20 and 21 of the independent resurvey of T.1 S.,R.2 E., 6.18 chs. S.0°03'E. of the ¼ sec. cor. bet. secs. 20 and 21 described in book "A" this group.
36.40	High rocky spur, 600 ft. above canyon, projects N.;descend
37.70	Canyon, near head, 330 ft. below spur, drains N.20°E.; ascend general N. slope.

Chains	
79.99	Point for AP5 tract 39 falls on very abrupt N. face of quartz outcroppings where I am unable to perpetuate cor., therefore, at a point 10 lks. South of the true cor. point.
	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for witness cor. to AP5 tract 39, with brass cap marked

T1S R2E
WC
TR39 | S21
AP5 |
1927

from which

A mahogany, 10 ins.diam.,bears N.76½°W., 208 lks. dist., marked BT

Thence

North, along line 5-1 tract 39, counting distances from true cor. point for AP5

5.00	Draw, drains NW.; thence along rugged W. slope.
14.10	High point, projects W.; descend.
30.00	Draw, drains S.80°W.; 600 ft. below point; ascend S. slope 250 ft. to
45.35	To AP1 tract 39 and place of beginning.

TRACT 40

Lots 2 and 6, sec. 19. D.E. 4484, Joseph Milliron, entryman. Patented.

This tract is located and surveyed with reference to the reestablished south boundary of sec. 18, T.1 S.,R.2 E. and corners of cancelled mineral survey No.2999, Wasatch No. 1 and No.2 Placers. The above mineral survey was cancelled and sec. 19 relotted in order that the placer claims could be located by legal subdivisions in accordance with the provisions of

Chains

the United States mining laws and regulations. The SE. and SW. corners of the tract are established record distance south of the NE. and NW. corners, and the south boundary on a line connecting the SE. and SW. corners previously established. Communication with the entryman could not be established.

At the point for the E. 1/16 sec. cor. on the S. bdy. of sec. 18.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP1 tract 40, with brass cap marked

T1S R2E
S18
AP1 TR40 | S19
1927

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

Thence

S.89°53'W., along line 1-2 tract 40 identical with line bet. secs. 18 and 19.

11.57 Point on line bet. cors. Nos. 29 and 30 of cancelled Mineral Survey 2999, Wasatch No.2 Placer.

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for AP2 tract 40, with brass cap marked

T1S R2E
S18
S19 | AP2 TR40
1927

Thence

South, along line 2-3 tract 40.

1.28 Point for cor. No.30, cancelled Mineral Survey 2999, Wasatch No. 2 Placer.

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for AP3 tract 40, with brass cap marked

Chains	
	T1S R2E S19 TR40 AP3 1927
	from which
	A birch, 5 ins. diam., bears S.2¼°W., 77 lks. dist., marked AP3 TR40 BT
	Thence
	West, along line 3-4 tract 40
7.90	Point 1.26 chs. south of the ¼ sec. cor. S. bdy. sec. 18, and 2.10 chs. east of cor. No.9, cancelled Mineral Survey 2999, Wasatch No.1 Placer.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP4 tract 40, with brass cap marked
	T1S R2E S19 AP4 TR40 1927
	Raise a mound of stone, 2 ft. base, 1½ ft. high, SE. of cor.
	Thence
	South, along line 4-5 tract 40.
	Ascend abruptly N. slope of Parley's Canyon over rough mountainous land.
10.45	Begin abrupt ascent over quartz ledges.
28.09	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone on solid rock for AP5 tract 40, with brass cap marked
	T1S R2E TR40 AP5 S19 1927
	Thence
	East, along line 5-6 tract 40.
5.90	High rocky spur, projects N.; precipitous descent over ledges.
18.20	Stream, 3 lks. wide, 2 ins. deep, good water in bottom

Chains

of Pharaoh's Glen Canyon, 465 ft. below spur, course N.; ascend.

19.47 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 14 ins. in a mound of stone for AP6 tract 40, with brass cap marked

T1S | R2E
TR40 |
AP6 | S19
1927

from which

A cottonwood, 10 ins. diam., bears N.85¼°W., 87 lks. dist., marked AP6 TR40 BT

Thence

North, along line 6-1 tract 40

16.00 Top of high quartz ledge and spur, projects NW.; descend abruptly over ledges.

29.38 To AP1 tract 40 and place of beginning.

TRACT 41

Lots 4,14,15,16,17, and 18, sec. 19. M.E.3788; L.M. Bailey and S.B.Young, claimants. Patented.

With the exception of lot 4, all the lands in this tract were included in Mineral Survey No.2999, Wasatch No. 1 Placer, which was eliminated to the end that the placer could be located with reference to legal subdivisions in accordance with the provisions of the U. S. mining laws and regulations. This claim, therefore, is surveyed with reference to the existent cors. of Mineral Survey No.2999, as well as cors. of other mineral surveys which form its boundaries. That portion of the tract which includes lot 4 is determined with reference to cors. of survey 2999 in order to maintain an area consistent with the record.

Communication with the entrymen could not be established.

At a point on line bet. secs. 18 and 19, also on line 4-1 Mineral Survey 4269, Portland Cement No.2 Placer Mining Claim,

Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in

Chains

the ground on solid rock and 10 ins. in a mound of stone for AP1 tract 41, with brass cap marked

T1S R2E
S18
AP1
TR41 S19
1927

Thence

N.89°51'W., along line 1-2 tract 41, identical with line bet. secs. 18 and 19.

15.45 The reestablished cor. of secs.13,18,19,and 24 on the W. bdy. of the Tp. described in book "A" this group, which I mark also for AP2 tract 41 as follows:

T1S
R1E | R2E
S13 | S18
S24 | S19
AP2
TR41
1927

Thence

S.0°24'E., along line 2-3 tract 41, identical with line bet. secs. 19 and 24, W. bdy. T.1 S.,R.2 E.

2.69 Intersect line 2-3, Mineral Survey 5048,Klondike Mining Claim, 7.07 chs. N.39°46'W. of cor. No.3 described in book "A" this group. AP3 tract 41 cannot be established at this point on account of sloping limestone outcropping; witness cor. established 10 lks. S.39°46'E: see line 3-4 tract 41.

Thence

S.39°46'E., along line 3-4 tract 41, identical with line 2-3 Mineral Survey 5048, Klondike Mining Claim.

.10 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for witness cor. to AP3 tract 41, with brass cap marked

T1S
R1E | R2E
TR41
WC | AP3
1927

7.07 Intersect cor. No.3, Mineral Survey 5048, Klondike

Chains

Mining Claim described in book "A" this group.

Alongside this cor.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for AP4 tract 41, with brass cap marked

T1S R2E
TR41
5048 AP4
1927

Thence

S.51°46'W., along line 4-5 tract 41, identical with line 3-4 Mineral Survey 5048, Klondike Mining Claim

5.68 Intersect W. bdy. of the Tp., 11.64 chs. S.0°24'E. of the reestablished cor. of secs. 13,18,19,and 24, and AP2 tract 41 heretofore described.

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for AP5 tract 41, with brass cap marked

T1S
R1E R2E
5048
S24 TR41
AP5
1927

Cor. stands on steep S. slope on face of shale limestone ledge.

Thence

S.0°24'E., along line 5-6 tract 41, identical with line bet. secs. 19 and 24, W. bdy. of T.1 S.,R.2 E.

19.85 Set an iron post, 3 ft, long, 1 in. in dia., 28 ins. in the ground for AP6 tract 41, with brass cap marked

T1S
R1E R2E
TR41
S24 AP6
S19
1927

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

From this cor., cor.No.15 of cancelled Mineral Survey 2999, Wasatch No.1 Placer, bears N.88°45'W., 1.08

Chains	
	chs. distant.
	Thence
	S.88°45'E., along line 6-7 tract 41.
	Along rugged N. slope of mountain.
8.93	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for AP7 tract 41, with brass cap marked T1S | R2E TR41 | AP7 | S19 1927
	Cor. stands alongside cor. No.14 of cancelled Mineral Survey No.2999, Wasatch No.1 Placer.
	From this cor. reestablished U.S.Mineral Monument No.3, Hot Springs Mining District, Salt Lake County, Utah, described in book "A" this group, bears N.56°28'W., 9.41 chs. distant.
	Thence
	North, on line 7-8 tract 41.
2.62	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for AP8 tract 41, with brass cap marked T1S R2E TR41 AP8 | S19 1927
	From this cor., an iron pipe, 2 ins. in dia., set in a concrete block 14 ins. square, and on line 13-14 of cancelled Mineral Survey No.2999, Wasatch No.1 Placer, bears North, 3.75 chs. distant. Cor. No. 13 , Mineral Survey 2999, Wasatch No. 1 Placer, bears North, 7.78 chs. distant.
	Thence
	East, on line 8-9 tract 41.
14.80	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large

Chains	
	mound of stone for AP9 tract 41, with brass cap marked
	T1S | R2E TR41 | AP9 | S19 1927
	Cor. stands on steep NW. slope amongst quartz outcroppings.
	Thence
	North, along line 9-10 tract 41
	Descend NW. and N. slopes over rough mountainous land.
17.42	Point for AP10 tract 41 will fall on W. face of limestone outcropping where cor. cannot be perpetuated, therefore, at this point,
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for witness cor. to AP10 tract 41, with brass cap marked
	T1S R2E WC AP10 | TR41 | S19 1927
	Raise a mound of stone, 2 ft.base, 1½ ft.high, S. of cor.
	Cor. stands on steep NW. slope.
17.95	Point for AP10 tract 41 on W. face of limestone outcropping at intersection with line 10-11 of canceled Mineral Survey No.2999, Wasatch No. 1 Placer. No cor. set.
	Thence
	East, along line 10-11 tract 41
	Along rugged NW. and N. slopes over rough mountainous land.
5.56	Intersect line 3-4 Mineral Survey No.4269, Portland Cement No.2 Placer Mining Claim.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP11 tract 41, with brass cap marked

METES AND BOUNDS SURVEY OF PRIVATE CLAIMS, THE S.,R.2

Chains	
	T1S R2E TR41 AP11 S19 1927
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor.
	From this cor., cor. No. 3, Portland Cement No.2 Placer Mining Claim, which is an oak stake, 3 ins. square, firmly set in the ground, and marked 3-4269 on NW. face, bears S.58°49'E., 3.37 chs. distant. Cor. No. 10 of cancelled Mineral Survey No.2999, Wasatch No. 1 Placer, bears East, 9.56 chs, distant.
	Thence
	N.58°49'W., along line 11-12 tract 41 identical with line 3-4 Mineral Survey No.4269, Portland Cement No.2 Placer Mining Claim.
	Descend abruptly NE. slope over rough mountainous land.
7.65	High tension power line, bears E. and SW.
9.20	Telegraph line, bears NW. and SE.
9.60	Bottom of Parley's Canyon and Creek, 20 lks. wide, 1 ft. deep, course SW.
9.90	Park City branch of D.& R.G.Ry., bears NE. and SW.
10.25	Highway, bears NE. to Park City and SW. to Salt Lake City, Utah.
10.50	Ry. spur, bears SW. and NE. to rock crusher.
11.00	Telephone line, bears NE. and SW.
11.85	Power line, bears NE. and SW.
17.77	Intersect cor. No.4, Mineral Survey No.4269, Portland Cement No.2 Placer Mining Claim, described in Book "A", this group.
	Alongside this cor.,
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP12 tract 41, with brass cap marked
	T1S R2E TR41 AP12 S19 1927

Chains

Thence

N.35°34'E., along line 12-1 tract 41, identical with line 4-1 Mineral Survey No.4269, Portland Cement No. 2 Placer Mining Claim.

Note: Cor. No.1 Portland Cement No.1, Placer Mining Claim, identical with cor. No. 1 of Portland Cement No. 2 Placer Mining Claim, Mineral Survey No.4269 is missing; therefore, the above bearing was determined by connecting cor. No.4 of Portland Cement No. 1 Placer Mining Claim and Cor. No. 4 of Portlant Cement No.2 Placer Mining Claim.

2.21 To Cor. No.1, tract 41 and place of beginning.

TRACT 42

SE¼NE¼, & E½SE¼ sec. 21, and SW¼NW¼ sec. 22. H.E.16017, Olive A. Pratt, entryman. Patented.

This tract is surveyed to conform to the restored position of the subdivisional lines of the Hanson survey of secs. 21 and 22; the south boundary of the tract being established record distance west of the Hanson cor. of secs. 22,23,26, and 27. Communication with the claimant could not be established.

At the point for the NW. 1/16 sec. cor. sec. 22, Hanson survey.

Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP1 tract 42, with brass cap marked

T1S R2E
TR38
AP1
TR42 | S22
1927

from which

An aspen, 8 ins.diam.,bears S.84¼°W., 137 lks. dist., marked AP1 TR42 BT

Thence

Chains	
	S.87°54'W., along line 1-2 tract 42, identical with line 3-4 tract 38.
20.01	To AP2 tract 42 identical with AP3 tract 38 heretofore described.
	Thence N.89°50'W., along line 2-3 tract 42.
	Descend NW. slope over rough mountainous land through dense undergrowth and medium growth of timber.
2.28	Intersect line bet. secs. 21 and 22 of the independent resurvey of T.1 S.,R.2 E., 24.53 chs. S.0°03'E. of the cor. of secs. 15,16,21, and 22 described in book "A" this group.
10.00	Bottom of canyon and stream, 3 lks. wide, 1 in. deep, good water, 200 ft. below cor., course NW.; ascend abruptly E. slope 340 ft. to
20.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for AP3 tract 42, with brass cap marked T1S R2E / S21 AP3 / TR42 / 1927
	from which A spruce, 10 ins.diam.,bears S.4°45'E., 119 lks. dist.,marked AP3 TR42 BT
	Cor. stands on steep E. slope in dense undergrowth.
	Thence South, along line 3-4 tract 42.
	Along E. slope over rough mountainous land through dense undergrowth and scattered timber.
15.00	Canyon, drains NE.; ascend abruptly over N. and NW.slopes.
35.65	Ridge and divide bet. Mill Creek and Parley's Canyon, 1760 ft. above canyon, bears E. and W.; descend W. and SW. slopes across head of Church Canyon.
52.73	Intersect line bet. secs. 21 and 28, 17.88 chs. west of the cor. of secs. 21 and 22 of the independent

Chains	
	resurvey of T.1 S.,R.2 E., described in book "A" this group.
54.15	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for AP4 tract 42, with brass cap marked T1S | R2E | TR42 | AP4 S28 1927
	Cor. stands on S. slope in medium growth of oak brush.
	Thence
	East, along line 4-5 tract 42.
	Along S. and SW. slopes over rough mountainous land through dense undergrowth.
5.50	High spur, projects S.; descend.
13.40	Draw, drains SE.; thence along S. slope.
20.00	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 20 ins. in a mound of stone for AP5 tract 42, with brass cap marked T1S | R2E TR42 | AP5 | - S28 1927
	This cor. stands on steep S. slope, and is 80.00 chs. west of the Hanson cor. of secs. 22,23,26, and 27.
	Thence
	North, along line 5-6, tract 42.
1.42	Intersect N. bdy. sec. 28 of the independent resurvey of T.1 S.,R.2 E., 2.12 chs. east of the cor.,of secs. 21 and 22 described in book "A" this group.
8.50	Ridge and divide bet. Mill Creek and Smith Fork Canyons, bears E. and W.; descend.
36.10	Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for AP6 tract 42, with brass cap marked T1S R2E TR42 AP6 S22 1927

Chains	
	from which
	An aspen, 7 ins.diam., bears N.45°E., 3½ lks. dist., marked AP6 TR42 BT
	Cor. stands on steep N. slope in dense aspen timber.
	Thence
	N.87°36'E., along line 6-7 tract 42.
	Along general N. slope over rough mountainous land through medium growth of timber and dense undergrowth
20.02	Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for AP7 tract 42, with brass cap marked
	T1S | R2E TR42 AP7 S22 1927
	from which.
	A spruce, 10 ins.diam., bears N.31½°W., 80 lks. dist., marked AP7 TR42 BT
	Cor. stands on steep N. slope in dense undergrowth.
	Thence
	North, along line 7-1 tract 42.
	Descend abruptly over rough mountainous land sloping N. through dense undergrowth.
11.40	Draw, 540 ft. below cor., drains NW.; thence along W. slope.
17.96	To AP1 tract 42 and place of beginning.

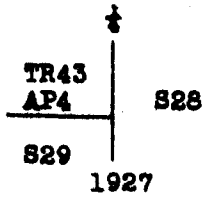
TRACT 43

Lots 1 and 2, sec. 29, M.E.3650, New Hampshire and Florida Placers, claimants. Patented.

The lots included in this tract when located from the nearest points of control on the ground, namely, the original ¼ sec. cor. bet. secs. 29 and 32 and the original cor. of secs. 28,29,32, and 33, occupy approximately the same positions as the regular subdivisions under the resurvey. In view of the

Chains	
	fact that the original description includes fractional lots, I resurvey this tract to conform to the subdivision-of-section lines obtained in the resurvey of sec. 29. Communication with the claimants could not be established.
	At point for the N. 1/16 sec. cor. on line bet. secs. 28 and 29 of the independent resurvey of secs.28 and 29.
	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for AP1 tract 43, with brass cap marked
	T1S | R2E S29 | ——— | S28 AP1 | TR43 1927
	Raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor.
	Thence
	West, along line 1-2 tract 43.
	Descend N. and NW. slopes over rough mountainous land through dense undergrowth.
12.75	Stream, 3 lks. wide, 2 ins. deep, good water, in bottom of Church Canyon, 475 ft. below cor., course S.80°W.; ascend.
14.15	Low spur, projects S. about 2 chs. dist.; descend.
15.40	Small seep, in draw, course S.; ascend.
18.60	Spur, 75 ft. above draw, projects SE.; descend.
22.20	Small stream of good water, in draw, course SE.; ascend.
28.65	Spur, 215 ft. above draw, projects SE.; thence along general S. slope.
39.00	Small stream of good water, in large draw, drains SE.
39.99	Point for center N. 1/16 sec. cor. sec. 29.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for AP2 tract 43, with brass cap marked

Chains	
	T1S R2E S29 | AP2 | TR43 1927
	from which
	An aspen, 8 ins.diam.,bears S.25°E,, 35 lks. dist.,marked AP2 TR43 BT
	Cor. stands in center of a small bog, or marshy head of spring draining SE.
	Thence
	S.0°04'W., on line 2-3 tract 43.
	Ascend over rough mountainous land facing NE., through dense undergrowth and scattered timber.
16.30	Top of ascent, 360 ft. above cor., bears E. and W.; thence along E. slope .
18.59	Point for center ¼ sec. cor. sec. 29.
	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for AP3 tract 43, with brass cap marked
	T1S | R2E | TR43 S29 | AP3 1927
	Raise a mound of stone, 2 ft.base, 1½ ft.high, NE.of cor.
	Thence
	N.87°41'E., along line 3-4 tract 43.
	Descend abruptly E. slope over rough mountainous land through dense undergrowth.
13.00	Draw, 600 ft. below cor., drains NE.; thence along E. slope.
14.85	Limestone ledge, bears NE. and SW.; descend E. slope.
19.35	Stream, 3 lks. wide, 3 ins. deep, good water, in bottom of Church Canyon, course S.; ascend abruptly.
36.60	Top of limestone ledge, 60 ft. high, bears N.80°W. and S.80°E.
40.01	The reestablished ¼ sec. cor. bet. secs. 28 and 29, described in book "A" this group, which I remark

Chains	
	also for AP4 tract 43 as follows:
	
	Thence
	North, along line 4-1 tract 43, identical with line bet. secs. 28 and 29.
16.97	To AP1 tract 43 and place of beginning.

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Page

BOOK A-491

4—680
(August, 1907)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Walter Byergo	1st. chainman
Leonard D. Sayer	2nd. chainman
Claude L. Silver	Flagman
Howard Hutchings	Axman

6—2764

U.S. [redacted]

CERTIFICATE OF [redacted].

Cadastral Engineer

I, Howard W. Miller, U. S. [redacted], hereby certify upon honor that, in pursu[illegible] of special instructions received from the District Cadastral Engineer for Utah bearing date of the 27th day of February, 19 26 I have well, faithfully, and t[illegible] in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instr[illegible] tions, and the laws of the United States, surveyed all those parts or portions of metes-and-bound[illegible] survey of private claims as originally located in accordance with the surveys executed by A.P.Hanson, U. S. Deputy Surveyor in 1902; all in T.1 S.,R.2 E.

of the Salt Lake Base and Meridian, in the State of Utah, which are represented i[illegible] the foregoing field notes as having been executed by me, and under my direction; and that all the corners o[illegible] said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru[illegible] 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 o[illegible] such survey.

Certified to at:
Salt Lake City, Utah, January 28, 1928

Howard W. Miller
[redacted]
U.S. Cadastral Engineer

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

DENVER, COLORADO JAN 12 1931, 19

The foregoing field notes of the survey of metes and bounds survey of private cla[illegible] as originally located in accordance with the surveys executed by A.P Hanson, U S.Deputy Surveyor in 1902; all in T 1 S. R.2 E. Salt Lake Base and Meridian, Utah

executed by Howard W Miller, U.S Cadastral Engineer

under his special instructions dated February 27, 19 26, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

[illegible]
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 Surv[illegible]~~